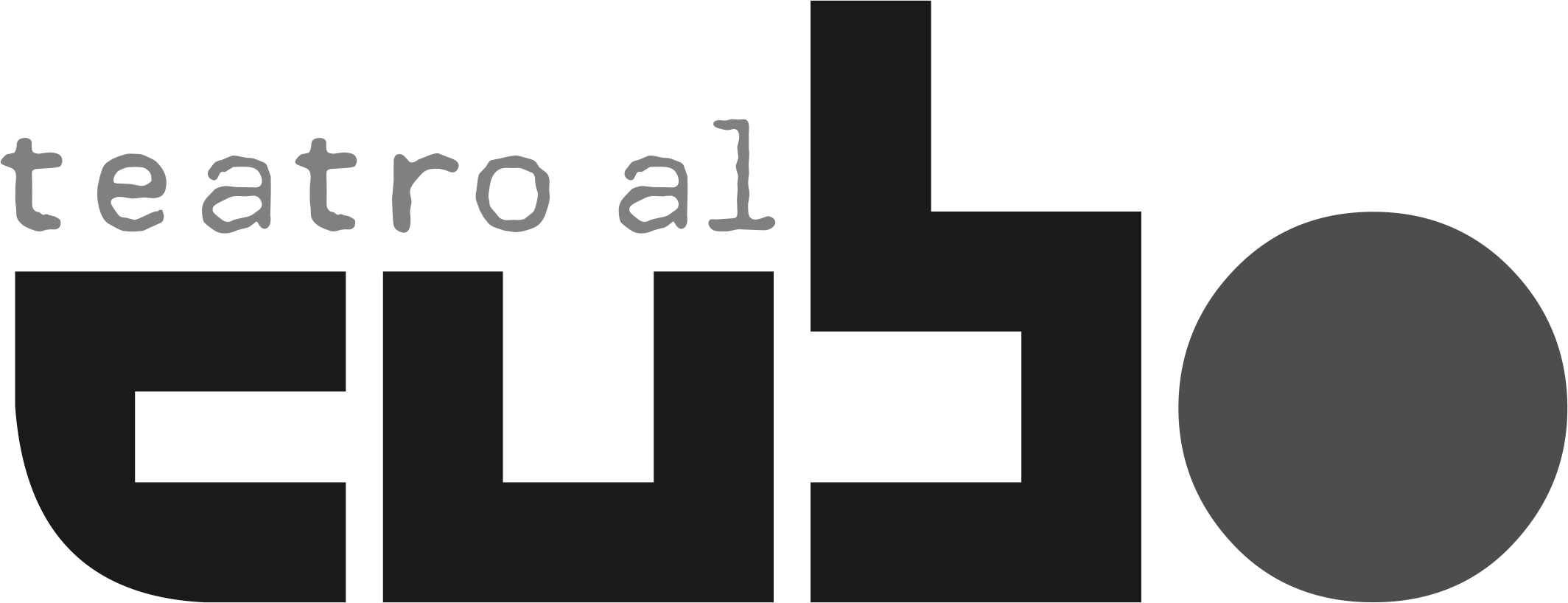
**![Shape

Description automatically generated with low confidence](data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAADbQAAAmwCAYAAAD4UEzwAAAACXBIWXMAAC4jAAAuIwF4pT92AAAAGXRFWHRTb2Z0d2FyZQBBZG9iZSBJbWFnZVJlYWR5ccllPAAAq1lJREFUeNrswQEBAAAAgJD+r+4ICgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAgNmDAxIAAAAAQf9ftyNQAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABgKQHYu4OchmEgCqAO4l7xzWJO3gIbQJpI8bitQvye6GYWLH43Xfjr+wMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAH5bRAAAAAAAAAAAAAAAMK0W3NbPTw3u3p8DAMP8oAAAAAAAAAAAAAAAuI5a4jLa9oD//VHiAhwAwGHvIgAAAAAAAAAAAAAAOLUW3PZW1AAATk2hDQAAAAAAAAAAAADgtWqJy2hKagDA5Sm0AQAAAAAAAAAAAACMazv3TTQAAD8U2gAAAAAAAAAAAAAAYi24WVEDABig0AYAAAAAAAAAAAAAzKKWuIxmRQ0A4EUWEQAAAAAAAAAAAAAA/1gLblbUnscbdABgiIU2AAAAAAAAAAAAAOBMarGiBgBwWQptAAAAAAAAAAAAAMCztZ27khoAwGQU2gAAAAAAAAAAAACArFr+rqmtJV5XAwCAb4sIAAAAAAAAAAAAAICkmwim4w06ADDkTQQAAAAAAAAAAAAAQEIVge8dAKCXQhsAAAAAAAAAAAAAkLGJYEpVBADACIU2AAAAAAAAAAAAACCjigAAgF4KbQAAAAAAAAAAAABAryYCAAAyFNoAAAAAAAAAAAAAgF6bCAAAyFBoAwAAAAAAAAAAAAB6VBEAAJCl0AYAAAAAAAAAAAAA9LDONrdVBADAiEUEAAAAAAAAAAAAAECHmwim5x06AJBmoQ0AAAAAAAAAAAAAOKqJAACAEZrxAAAAAAAAAAAAAMBR1tn44h06AJBmoQ0AAAAAAAAAAAAAOKKJAACAUQptAAAAAAAAANzZuxfcxnEsCqAvhdqXmZWZXpnplaWtjlNIpaT4E0siqXMAYTAEBtN9LcpSla4fAAAA3GInAgAAfkqhDQAAAAAAAAAAAAC4Jl0OGGQRAACPUmgDAAAAAAAAAAAAAK5JIgAA4BkU2gAAAAAAAAAAAACAa/YiAADgGRTaAAAAAAAAAAAAAIDvZBEAAPAsCm0AAAAAAAAAAAAAwHd2IgAA4FkU2gAAAAAAAAAAAACAKelyAADAUyi0AQAAAAAAAAAAAK3IlwNYThIBI/YiAAAe9SICAAAAAAAAAAAAYCUpxssyu/i+RPN6Por4YBFvImCCd9EBgIf8FgEAAAAAAAAAAADwRHli/ZnTfI6hSAFr7mcAAHiYQhsAAAAAAAAAAADwnRSPTVGbWw5lG5jbTgQAADybXycBAAAAAAAAAACA7UkxXkbbN/bv8Xo+io8TZrtOHMXAN7yLDgA8xIQ2AAAAAAAAAAAA6EMeWVt7itrchgJe8dHDLJIIuOEccQ0GAO6mFQ8AAAAAAAAAAAB1StHHFLW5HWK8zAf8zJsIcP0FAOZgQhsAAAAAAAAAAAAsJ0+sK6k9bh8KFbDUtQoAAH5MoQ0AAAAAAAAAAAAel2J8itpuYp15HM/HqxjgaXYiAABgLgptAAAAAAAAAAAA8LcU42U0U9Tq/8yKKGC2ayAAADyFQhsAAAAAAAAAAABbkEfWTFHryzCl7UUM8GOuiwAAzMqDGwAAAAAAAAAAAD3Il/80RW3bDjFeXgRu9yYCblTOx6sYAIB7KbQBAAAAAAAAAADQAwUMPgzliiIGeEgOxWDu4310AOBuv0QAAAAAAAAAAABAB4oIuFDGgcftRAAAwNwU2gAAAAAAAAAAAOjBSQRcpHifMgXcv3eSGAAAmJtCGwAAAAAAAAAAANAbU9rAvgEAoFIKbQAAAAAAAAAAAECPjiKAuyQRAACwBIU2AAAAAAAAAAAAoEcpFHTgVlkEOHcAgKUotAEAAAAAAAAAAAC9MqUNbrMXAQAAS1FoAwAAAAAAAAAAoAdZBDg34CFJBAAALEmhDQAAAAAAAAAAAOjZMHkqiQG+3SMAALAYhTYAAAAAAAAAAACgdwo7MC2JAACAJSm0AQAAAAAAAAAAAL1L5yOLAf5hX/BTOxEAAPd6EQEAAAAAAAAAAACdeBMBV3hvElw3cW0FAFZmQhsAAAAAAAAAAACwFUcRwB9JBAAArEGhDQAAAAAAAAAAgF4cRMAVKZR44MNeBAAArEGhDQAAAAAAAAAAANgSU9rgXRIBAABrUGgDAAAAAAAAAAAAtiaLAHsAAADWodAGAAAAAAAAAAAAbM0+TKfCHoBncT0FAO6i0AYAAAAAAAAAAABskUIPW5VEgHMKAFiTQhsAAAAAAAAAAAC9KCLgDul8ZDGwQcqcAACsSqENAAAAAAAAAACAXhQRcCfFHrYoiQAAgDUptAEAAAAAAAAAAABbdhQBG5JFAADA2hTaAAAAAAAAAAAAgC1LYWIV22EqIQAAq3sRAQAAAAAAAAAAAB15EwEP8k4lvUthIiGuoQBABUxoAwAAAAAAAABgDTlMwwGgvu8m6JnpbAAAVEETHgAAAAAAAACAZ0gxXlDbxffFNe+vAM92DIVZHvd6PooY6JQJlszJfT0AcLPfIgAAAAAAAAAAYEKeWDfdA6jZKRTaeNzwHVfEwIbu6wAAYHEKbQAAAAAAAAAA25JH1q5NUQOArUiX78osCjrjBwkAAKiGQhsAAAAAAAAAQNtSjJfRvLQMAI8ZvkOzGOjsfhEAAKqh0AYAAAAAAAAAUJ88smaKGgAs53g+XsVAJ/zQAUs9w2QxAAC3UGgDAAAAAAAAAJhfClPUvsumiAGASr+7fUfR630oAACsRqENAAAAAAAAAOAxeWJdSe0+KZQFgOdfn12LeYZhStuLGOjgXgsAAKqi0AYAAAAAAAAA8C7F+Au/u/AiMABsVY7pEju0QMEXAIDqKLQBAAAAAAAAAD3LE+te7AUAbjHcM5QwTZS+7oUBAGBVCm0AAAAAAAAAQGvyyJopagDAXD5KbdCanQhwvgEANVJoAwAAAAAAAABqkb/8d1PUAIAapMt9ShYFjZ23SQwsfM4BANzkRQQAAAAAAAAAQCXeRLBJ5Xy8igF4smN4sZ7n884lLcnhByJwnQQAKvVLBAAAAAAAAAAArCiJAJjBSQTM4CgCGqLMBgBAtRTaAAAAAAAAAAAAAK5LoYhNG7IIAAComUIbAAAAAAAAAAAAwG1MaaMFOxEAAFAzhTYAAAAAAAAAoBZFBABAA7IIqFgKkwRZ9/wDALhKoQ0AAAAAAAAAqMVJBABAA/ahtEG9nJs4/wCA6im0AQAAAAAAAACwtiwC4MmKCJjZXgQ4NwEA4DEKbQAAAAAAAAAwLl+OJAoAaE4RATNLoZBNnc8wAABQvd8iAAAAAAAAAGAjUoyX026ZYFDEBwDAyH1kFgMV2YkAAIAWKLQBAAAAAAAA0LI8sja8xJlEAwDAAo7n41UMVCB5DgIAoBUKbQAAAAAAAADUJMX4S5hKatuQ47aJeQAAtd2/FlFQwbkIazO5EgC4iUIbAAAAAAAAAHPLE+utFJd2PkIAAL4xTGl7EQMr88MQAAA0wwMUAAAAAAAAAPdKsb0pav5+fTlvItgs+wx4thwKHiznEKYS4XoH7usBgJuY0AYAAAAAAADAIMV4Gc1LkQAAcN1w31wuByzNVGkAAJqi0AYAAAAAAADQrzyy1vMUNQAAWNNHqQ2WlDzjAQDQGoU2AAAAAAAAgHakMEWN/pXwQi4A0O79eo7xH5aAOc87qO2cLGIAAL6j0AYAAAAAAACwrjyyZooaW3Zy/gMADduHQhvLn3NQk+F5rogBAPiOQhsAAAAAAADAc6UYL+MoqbX/uRYxgH0GADc4no9XMbCALAIAAFqk0AYAAAAAAABwuxR/l9L8Ev62PvsiBrDPgKZk92us/Nzge425ucYBANAkhTYAAAAAAACA26XwwiAAAHDdMKXtRQzM/HwKAABN+iUCAAAAAAAAAAAAgKfLImBGfmwFAIBmKbQBAAAAAAAA3C6LAGZXRAAAdGIoHCUxMBPnFrXaiQAAuEahDQAAAAAAAACoSREBANARU7SYQxYBFUsiAACueREBAAAAAAAAwF3eRLBZ/o7dPmNe5Xy8igF4smN4sZ71HUIBCffLeH4GAHCzAAAAAAAAAExK8e9LvyVMTfrgxcHt8nfs9hn2GdCeHCZk4TuO/p7Zj2LANQ8AaNlvEQAAAAAAAMAm5In1e17uLWIEAAB4yFBAMomUZ1DSBQCgeQptAAAAAAAA0KYU/05RG+wm1n9qJ3IAAIAfP8MVUfCEcwkAAJqm0AYAAAAAAAD1SDH+Ytq+kn823h3CL+KDfQYAcL9hStuLGPiBLAIaOledrwDAJIU2AAAAAAAAmFceWZtrihoAAAD1PyNmMfAgP/oAAEAXFNoAAAAAAADgPinqnaIGzCuHl4/BPgNaU9yrU5n95bwsouBOSQQAAPRCoQ0AAAAAAABMUQMAgF4VEVChvXOTB88bAADogkIbAAAAAAAAPUoxXkZTUgMAAKCGZ9YcppJy/3kDAABdUGgDAAAAAACgFXli3S+ULyeFKQJxycB5BwAA/MQ+FNq4nXMFAICuKLQBAAAAAACwlhSmqLX4mRUxyAAWkENxFADo3/F8vIqBG7g3pjaHb57lAACuUmgDAAAAAADgmVKMl9G8eAX0YCcCsM8AYIZn6CIKrpwnMLfhOnSaWHeNAgCeTqENAAAAAACAa/LImilqwBa57oF9BrRpmCLjRzao1TCl7UUMfMP1i598/43JogEA1qbQBgAAAAAAsD0pTFEDAACAWuRQMGFaEgGfjJXUSpiiBgA0RqENAAAAAACgD3lkzRQ1AAAAqN/wAzMlFFL4VxZB94Z9f/LZAwBbY0w1AAAAAABAnVKMl9GU1Fibv2N8d7QX7QHsM+wzoBk5TKSmfuV8vIqBL95E0CRT1AAArjChDQAAAAAAYDl5Yt2LldCe4dfTkxjAPgMAeJLhvieHqUz8fU5QhxLjU9RKKKkBADxEoQ0AAAAAAOBxKUxRA9jitb+IAewzoCnDNcUPidCC4TzNYuDT+cB8DhPr9iAAwAIU2gAAAAAAAP6WYryM5iUiAD6+J4oYwD4DmuKaQkuO5+NVDO6Hwo8lPXKtN0UNAKARCm0AAAAAAMAW5JE1U9QAAACA2qRQ7safWX0Y9sFYSS2LBgCgbQptAAAAAABAi1KYogYAAAD0aZjS9iKGTev5z7gOI2sllDgBADZFoQ0AAAAAAKhFHlkzRQ3q3KtZDP9noEQL8yr2GQDg2YuNfvat3bebogYAwF0U2gAAAAAAgLmkMEUNAHhcEQEAsGH7MLVqq3YV/DOYogYAwKyMpAYAAAAAAO6RJ9aV1GA7DuFX1j+8iWCz/F27fYZ9BrTnGCaA055yPl7FsCnpcr2a41w6TawXsQMAsDQT2gAAAAAAYNtSjL/Qtwsv+gEAANCPk+dcGjScszn8qMjWPvNbHSbWnS8AAFRPoQ0AAAAAAPqTJ9ZNUQMAAABoy/DnOVkMm/K1qFbCFDUAADqj0AYAAAAAAG3II2umqAFr2Ingj+I6DAAALOB4Pl7FsAlZBAAAbIFCGwAAAAAArCPFeAnCFDWghesX707ygNkd3B8BAPz5c6QiCgAAoAcKbQAAAAAA8Dx5ZM0UNQDoz/DdXsQAAMCChiltL2IAAAB6oNAGAAAAAADTUpiiBgCM3yMUMcCscoz/YATAT64rnufx/QgAAFABhTYAAAAAALYmT6x7qQ0AAACAmg1/flXCjysAAACNU2gDAAAAAKAHKf6dpLaL8elqAAAAANCqj1IbAABAs36JAAAAAACADqR4f5nn85HEAjCbLIL/FRGAfQYAsLDkmQwAAGidQhsAAAAAAADAY4oIwD4DAFjBXgQAAEDLFNoAAAAAAAAA4D47EYB9BgArO4oAAABolUIbAAAAAAA9KCIAABaURAD2GdCkgwjo7LvS9yUAANCk3yIAAAAAAKADRQQAAAAAdGSqgJlFAwAAtE6hDQAAAAAAAAAAAGBe5XycJtaLeAAAgC1RaAMAAAAAAADutQ9TAT4cLnkA8ynnI4kBAKj0eWCM5yUAAIBvKLQBAAAAAAAAADUbJpkkMQAACyhhihoAAMDsFNoAAAAAAAAA4H45TN6AuaVQHgCea7immK67zc/9NHE/BwAAwAoU2gAAAAAA6EUJkzsAAKAnKRTagOdyTenHYeLz9RkDAAA0QKENAAAAAIBeDL+0ncQAAAAA0JwSpqgBAABshkIbAAAAAAAA8IgUph8AAADTTFEDAABglEIbAAAAAAAA8IgUXkQd5POxFwPYZwCwAcP9/2li3bMBAAAAN1NoAwAAAAAAAAAAgG06TKxn0QAAADAXhTYAAAAAAAAAuN8wMSyLAewzoDkl3qcN9/zvZ4oaAAAAVVNoAwAAAACgFzneX3gFAAAAmDKUvVJj/8ymqAEAANAVhTYAAAAAAAAAAABY1lhJrYQpagAAAGyAQhsAAAAAAADwiJ0I/ijR3pQPAACef094GlnPogEAAIC/KbQBAAAAAAAAj0gi+OMkD5jdMMVmLwYAVvj++aqEKWoAAADwIwptAAAAAAAAAPCYFF5oB/sMaM3YNSWLBQAAAJaj0AYAAAAAQE9KmJADACwnhaIN2GdAa4rrCgAAAKzrlwgAAAAAAOjISQQAAAAAAAAAUC+FNgAAAABaky8HAAAAAAAAAADQmN8iAAAAAGBl6XJ8tb/yv8uiAwBYXXZf9r9yw/0rYJ8BAAAAABAKbQAAAADMI4+s7WK8uAYAAK0rIgD7DAAAAACA2yi0AQAAAHCLFI9NUQMAAOjZTgRgnwEAAAAA91FoAwAAANiuPLGupAa0rLiOAQALSiIA+wwAAAAAuI9CGwAAAEA/Uoy/5LWLPl/+yjFdygO2q4gAAAAAAAAAAOql0AYAAABQtxTjZTTThwAAAAAAAAAAgOYotAEAAAAsL4+s9TpFDQCAvu3D1NwPh/DDEzC34tkZAAAAAKB9Cm0AAAAAP5fCFDUAAACY2ykU2gAAAAAAmqfQBgAAADAuj6yZogYAAMDY82MWA9hnAAAAAMBtFNoAAACArUgxXkZTUmvXTgTAhEOYkgkAAAAAAAAAVVJoAwAAAHqQv/x3JYZtSCIAAAAAAAAAAIC2KLQBAAAAPVBgAwCA9aTzUcTwfwaeTQAAAAAAAK74JQIAAAAAAADgB5II/ldEALPLIgAAAAAAaJ9CGwAAANCDIgIAAABWshMBAAAAAADcTqENAAAA6MFJBAAAAKwkiQBmtxcBAAAAAPRDoQ0AAACAliURACOyCAAAAAAAAACgTgptAAAAALQsiQAAAAAAAAAAANqh0AYAAAAAAAD8xF4EfxQRgH0GAAAAAMD3FNoAAADgudL5yJcjiQMAAGBTTiIA+wwAAAAAgO/9FgEAAABclSfWb5lCUMS32GdkKgQAAABrSf4MAOwzAAAAAOA2Cm0AAABsUYrx6Wm7MFUNAHpRfK8DAAtKoWgD9hkAAAAAcBOFNgAAAHqRYvyl9TWndg3/39lHA/YZsIpTKLQBAEALDiNrJZTXAAAAAKBbCm0AAADULI+smaIGAAAAAPUq8f4DE19l0QAAAAAAA4U2AAAAlpSivilqAAAA/FwORYWPHDzjwryKfbYKU9QAAAAAgKdRaAMAAOCn8siaKWoAAAAAzKGI4Gk5mqIGAAAAAKxCoQ0AAICvUoyX0ZTUqN3wS+F+oR0AAIA1DM+jWQys7DCx7twEAAAAAKqi0AYAALANeWJd+Wd+KfxyONhnwBqKex0AADq4pz1NrHsOBgAAAACapdAGAADQphSmqLX0WRUxgH0GLM51AQCAGpmiBgAAAABsnkIbAABAPVKMl9FMFgEAAKB2OxEAG1XCFDUAAAAAgLsotAEAACwrxXtBLYkCAACAzp53eXcIP04Dre+zEuMltSx6AAAAAICfU2gDAABYVgov+cFcSnhpFAAAABh3GFkrYYoaAAAAAMDiFNoAAACWpWwD8ykiAAAAYEU5TPBaUglT1AAAAAAAmqTQBgAAsJwsgk3aiQDsM2A1wxQOPygAANCfLAIAAAAAgHb9EgEAAMBiFC62KYkA7DMAAAAAAAAAAOCdQhsAAMAyUihcAAAA0P+zLxFFBAAAAAAAANMU2gAAAJaRRAAAAIBn300oIgAAAAAAAJim0AYAALCMvQhgEUUEAAAArGQnAgAAAAAAuE6hDQAAYH5ZBLCYkwgA+KSIAABYUBIBAAAAAABcp9AGAAAwP7/OTRYB2GfAKooIAAAAAAAAAKAuCm0AAADzSuHXuQEAAAAAAAAAAAD+91sEAAAAs9qLAAAAgA09A2cx/K+EH7jp6bM8TawX8QAAAAAAwP0U2gAAAOaVRAAAAACbMxSgkhiqdZhYz6IBAAAAAID5KbQBAADMJ4sAVtl3JiMCAABsz1hJrYQpagAAAAAAUB2FNgAAgPko1QAArK+ECTkA0Op3+GlkPYsGAAAAAADa9iICAACAWaTzcRQDnsFX8SYC+wzgkxx+aADAPZnvn1qYogYAAAAAAJjQBgAAMBMvrQEAAAC9K2GKGgAAAAAAcCe/kAgAADAPE6LwDG7/YZ8BdcjhxwYAlnQIZabWn01MUQMAAAAAAGZlQhsAAMDzZRHAqsr5SGIAAAD484x0mlgv4gEAAAAAAJam0AYAAPB8JoDAuoYXNZMYAACAjh0m1rNoAAAAAACA2im0AQD0J8W/L/GX8GvLsOQehKlzw7UY7DNgeTn84AAA9RvuY01RAwAAAAAANkGhDQCgDXlkbRe3F2eGlzdfxAiL8LI0U4ZrdhED2GcAAGyGKWoAAAAAAAAjFNoAANaRYryMNmcRJoeXZWCp/Q0AAABbtRPBH1kEAAAAAAAA/1JoAwB4njyyds8UtbkNZbkSppbA0tcBAAAA2JIkAgAAAAAAAL6j0AYAMC3F+As4NZXU7vVRagPm22PA+or9CAAAAAAAAAAAUCeFNgBga/LE+lZeek+XDLJTAWbZX0AdiggAAAAAAAAAAADq9CICAKBxKfqbouY+ENp0dN3hinI+XsWwmDcRuM8B+CSH6Z0A7skAAAAAAACoggltAECNUoyXQrx8+DxD8UapAp5/7QLnCAAAsFXlfJzEAAAAAAAAwDUKbQDAUvLImilq60mXo4gCZrvGAQAAQOtKjJfUPAcDAAAAAADwMIU2AOBRKUxRa90wpe1FDPAUrn0AAAC04jCyVsIPHwEAAAAAALAQhTYA4LM8smaKWv+feRYD/IhrJNRpeElX2RQAgC0oYYoaAAAAAAAADVFoA4DtyuElb97PgRJ+gRt+uo8AAKhbcd8GNMYUNQAAAAAAALql0AYAwEepDXhMEgF3yGFKAthnwBo88wA1XIdMUQMAAAAAAIBQaAMA4L2Mk8MLVPAI+wYAAGC7Dp4VAQAAAAAA4H4KbQCwXTneJ3NBXM6FLAZ4aO8AAADQhxLjU9RKmPQIAAAAAAAAT6PQBgDAh+P5eBUD3CyLAAAAoHqmqAEAAAAAAEBlFNoAAPiQLkcRBdxkJwKoWg5TFAEAejVWUivhzzQAAAAAAACgCQptAAB8NkxpexEDXJUuB9xLERLsM2A9xT0cVL0/TyPrWTQAAAAAAADQH4U2AAC+yuGFMbgmiQDnDthnQHNOrhGwKFPUAAAAAAAAgFEKbQAAfLUPL5jBLfsEAABgS0qYogYAAAAAAAA8gUIbAGzb8EvZShmM+Si1Af/KIgAAADpx8NwDAAAAAAAALE2hDQCAMSneX17LooB/7EQAzSiX7zQAgC3d/5wm1ot4AAAAAAAAgBootAEAMGWY0pbFAH9JoRwDLTnZswBAB0xRAwAAAAAAALqi0AYAwHeO5+NVDPBHEgFPOo+KGMA+AxaX4/2HO6AGYyW14vsLAAAAAAAA2AKFNgAAvpPCC+HwmRegeda11XUV7DMA+jJ875xG1rNoAAAAAAAAAP6m0AYA21ZCOYPrhiltL2IAL6ICAMDGmKIGAAAAAAAAMAOFNgDYtiICbpRDmQd2IgAAgKaVMEUNAAAAAAAAYHUKbQAA3GKY5FdCCZLtSpcDaEsJ02gBoHeHifUsGgAAAAAAAIA6KbQBAHCrj1IbbFESATTJ9xYAY98N7u3q/4xOE+u+2wEAAAAAAAA68CICANi8NxFwh+GX77MYcK0Ez+P2L/YZ0Kjhecb0znWeJac+DwAAAAAAAAA2xoQ2AADuMbz4mcXAxjjnAQDgX2MltRKmqAEAAAAAAABwhUIbAFDORxIDdziej1cxsCE7EQAAsAHlfJxG1rNoAAAAAAAAAHgmhTYAYHhZLYmBO6TLUUTBhs53AABokSlqAAAAAAAAAFRHoQ0AgEcMU9pexMAGJBFA84YX+fdiAKATJUxRAwAAAAAAAKBxCm0AADwqh5cm6Z8SDABAX0qF93imqAEAAAAAAACwKQptAAA8angJtISXLOlXFgEzn1/OMbDPgOWVhf4/ThPrnp8AAAAAAAAA2DyFNgAAfuKj1AY92okAAICLw8R6Fg0AAAAAAAAA3EehDQDI8V5KgkekMP2Efs/tJAYAgG6VMEUNAAAAAAAAAFah0AYAwE8NhcgsBjqTRADdKKG8D8DfXkQAAAAAAAAAAOv5JQIAAJ7gKAI6o/wC/SgiAAAAAAAAAAAAqIdCGwAAz5DCRCv6kUXAAnYiAPsMAAAAAAAAAAC26EUEAMDZmwhwfwmuibhm2tfYZwAAAAAAAAAAwNxMaAMA4JmyCGhcEgEAAAAAAAAAAADAfBTaAIDBQQQ8yT4Ugmj/HAYAAAAAAAAAAABgJgptAAA8m0IQLUsigC4VEQAAAAAAAAAAANRBoQ0AgGdL5yOLgQY5b6FfJxEAAAAAAAAAAADUQaENAIA5mNKG8xauSyKA2WURAAAAAAAAAABAXRTaAACYy1EENCSJAOcdAAAAAAAAAAAAzE+hDQAYFBEwgxTKGrTDdDYAAAAAAAAAAACABSi0AQCDIgJmYkobrUgiAAAAAAAAAAAAAJifQhsAAHPLIsA5CtjnAAAAAAAAAAAADBTaAACY2z5Mv6L+cxQAAAAAAAAAAACABbyIAAC4eBMBMyrn41UMVCidj6MY8FzuXgf7DAAAAAAAAAAAWIYJbQAALCGFKW3UyXQ2AAAAAAAAAAAAgAUptAEAHw4iYGamYFGjJAIAAAAAAAAAAACA5Si0AQCwJKU2apJFAAAAAAAAAAAAALAshTYAAJaUwkQs6rEXAWyKabQAAAAAAAAAAAAVUGgDAGBpSkTUIIkA5yLYZwAAAAAAAAAAwPIU2gAAWFo6H1kMrEyxkpquiYB9BgAAAAAAAAAAm6HQBgDAGoYyURIDK3L+AQAAAAAAAAAAAKxAoQ0A+JBFwMJMyML1DgAAAAAAAAAAAGBjfosAAICVpMtRRMHClClhm4r9393neRpZz6IBAAAAAAAAAIC6KbQBALCm4/l4EQMLSiKAzSoiqN5hYj2LBgAAAAAAAAAA+qHQBgDA2oZS26sYWIjpTNRmJwI6VmJ8iloJBUMAAAAAAAAAANgs0zAAgM/eRMBKhkJbEQOuc3g2xzWgeqaoAQAAAAAAAAAAP2JCGwDwWTkfSQysYB8KbcwviwBg9P7PFDUAAAAAAAAAAGAxfgUeAPgsx3uxCNZwCIUj5mUyE57N2cp1oMR4Sc33LAAAAAAAAAAAsDoT2gAAqMXHlLYiCmaQRQBE29NoDxP/Pr43AQAAAAAAAACApii0AQBQk49SGzzbTgRAvE8tS5X8s5QwRQ0AAAAAAAAAANgghTYAAGqSLkcRBTOcV1CrHEpMvTBFDQAAAAAAAAAA4AqFNgAAanM8Hy9i4ImSCIAHlRifolZCSQ0AAAAAAAAAAOAhCm0AwGflfOzFQAWGUturGHgS1zXgs8PEehYNAAAAAAAAAADA/BTaAIDPigioRLoczkl+KosAcE0AAAAAAAAAAACoxy8RAABQKVO1eIadCAAAAAAAAAAAAADqodAGAECtUpikw8/PoSQGAAAAAAAAAAAAgHootAEAULNhSlsSAw9y7tDStQ4AAAAAAAAAAAA24UUEAMAXbyKgMuV8vIoB1zM8nwMAAAAAAAAAAED7TGgDAL46iIDKpDBpi/tlEQAAAAAAAAAAAADUR6ENAIAWHEXAnXYiAAAAAAAAAAAAAKiPQhsAAK1QauNWKUz1oy1FBAAAAAAAAAAAAGzFbxEAANCIdDmKKLjhXIG1HSbWs2gAAAAAAAAAAADYMoU2AABasg+FNm47T2AOYyW14roEAAAAAAAAAAAAt3sRAQDwRTofRzFQsaFQksXAhOHcUGjjVuV8nCbOIwAAAAAAAAAAAGAGCm0AwJg3EVC51zARiXFDITeJYdNMUQMAAAAAAAAAAICKKbQBAGMU2qhdifdSG3yWwoTJXvf7aWK9iAcAAAAAAAAAAADa8lsE8B97d5ebNhCFAXRIu5DupMPKsJfSlXBZGbFV8lJ53BBBmJ9zpPsySEn4NLH88ukCAA3KtwlR8M+9oA1z4XwSDQAAAAAAAAAAAPTNhjYAYIsNbXifxbOLe0SyRQ0AAAAAAAAAAAD4BBvaAABo2XmZoxhINns9Q6TtkpqsAQAAAAAAAAAAgC9TaAMAtsQyWQw0IN8mRDG83yL4lLnwzPc/BAAAAAAAAAAAAHwLhTYAYMu6kSeLgUackjLO6PLAz6xItqgBAAAAAAAAAAAADVFoAwCgdTn9Le9MohjWqbPvMxfO3XEAAAAAAAAAAACgeQptAAD04GNLW4hiSLnyv2+9l5fCuTsLAAAAAAAAAAAADEWhDQCAXnyU2hjL9KLfa4saAAAAAAAAAAAAwBcotAEA0It8mxDFUE4P/FlbJbVwpwAAAAAAAAAAAAAe5yACAKDgKgK841K5vMx55/NY5rJxPokOAAAAAAAAAAAA4DVsaAMAoDdrwekohmGsW9Ui2aIGAAAAAAAAAAAA0ATbKwCAEhvaaNlaaAsxAAAAAAAAAAAAAEBd3kQAAECHTiIAAAAAAAAAAAAAgPootAEA0KO8zCQGAAAAAAAAAAAAAKjLQQQAQMFVBHTguEyIAQAAAAAAAAAAAADq8EMEAEDBWnzPYqBxv5b5IwYAAAAAAAAAAAAAqMObCAAA6FhOipkAAAAAAAAAAAAAUA2FNgAAencWAQAAAAAAAAAAAADUQaENAIARKLUBAAAAAAAAAAAAQAUU2gAAGEG+DQAAAAAAAAAAAADwQgptAEBJiAD3GQAAAAAAAAAAAAB4pIMIAIAdVxFQsblwPokGAAAAAAAAAAAAAOr0UwQAAFQilrkUzkM8AAAAAAAAAAAAANA+hTYAAJ4p0nZJbRINAAAAAAAAAAAAAIxHoQ0AgHvNG2eRbFEDAAAAAAAAAAAAAP5DoQ0AgEi2qAEAAAAAAAAAAAAA30ChDQDYE8tkMTTJFjUAAAAAAAAAAAAAoDoKbQDAnnVrVxZDFSJtb1GLpKQGAAAAAAAAAAAAADRCoQ0A4HXmwvkkGgAAAAAAAAAAAACgRwptAACPE8kWNQAAAAAAAAAAAACAIoU2AIB9kbZLapNoAAAAAAAAAAAAAADuo9AGAIxo3jiLZIsaAAAAAAAAAAAAAMBTvQvA3t0gt3EcYQBtp3KwwcnQPJkmJ1NM07YkiiQWwO7s/LxXxXLZsUXyw8JWuvnN/CECAOCG7wN8jTXcogYAAAAAAAAAAAAA0D03tAEAvXKLGgAAAAAAAAAAAADAZBTaAIBWanx8i1oNJTUAAAAAAAAAAAAAgCUotAEAz3j55K+naAAAAAAAAAAAAAAAAAC4V/75UcQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMANf4gAALgh//y4ioGJXf78qGIYxrc/P4oY8P/T2cF3ESzp5e/f3wL4bwJ+3wWc5fX3o+at/tuD39/hPQb4PRucyazcv5PAv5MAgNP9RwQAACzO4HccJZTZAAAAAAAAAJ5hR+71AgCA0ym0AQCwuhJKUqMwqAcAAAAAAAB4XorA6wQAAGdSaAMAAEWpEZRQPAQAAAAAAADYgx251wkAAE6l0AYAAMpSIzCoBwAAAAAAANhPiqBr30QAAMDMFNoAAOCNwlS/SigcAgAAAAAAAOzJjrxfJezIAQCYnEIbAAC8KWEg3CuLFAAAAAAAAID9pQi6ZEcOAMD0FNoAAOAHQ+H+lFA0BAAAAAAAADiCHXl/StiRAwCwAIU2AAD4oYTBcG8sUAAAAAAAAACOkyLoih05AABLUGgDAIBfGQ73o4SCIQAAAAAAAMCR7Mj7UcKOHACARSi0AQDAr0oYEPfC4gQAAAAAAADgeCmCLtiRAwCwDIU2AAD4nSHx+UooFgIAAAAAAAC0YEd+vhJ25AAALEShDQAAflfCCXRn+yYCAAAAAAAAgGZSBKdSKgQAYCkKbQAA8DHD4vOkCAAAAAAAAACasiM/Twm3swEAsBiFNgAA+FyK4BQWJQAAAAAAAADtpQhOYUcOAMByFNoAAOBzhsbtpQgAAAAAAAAATmFH3l4Jt7MBALAghTYAAPhaiqApCxIAAAAAAACA86QImrIjBwBgSQptAADwNcPjdlIEAAAAAAAAAKeyI2+nhNvZAABYlEIbAADcliJowmIEAAAAAAAA4HzfRNCEHTkAAMtSaAMAgNsMkY+XIgAAAAAAAADoQgk3h8kYAAAOpNAGAADbpAgOpTQIAAAAAAAA0A87XPkCAMBhFNoAAGAbw+TjpAgAAAAAAAAAulLCDWKyBQCAgyi0AQDAdimCQygLAgAAAAAAAPTHLleuAABwCIU2AADYzlB5fykCAAAAAAAAgC6VcJOYTAEA4AAKbQAAcJ8Uwa6UBAEAAAAAAAD6ZacrTwAA2J1CGwAA3MdweT8pAgAAAAAAAICulXCjmCwBAGBnCm0AAHC/FMEulAMBAAAAAAAA+me3K0cAANiVQhsAANzPkPl5KQIAAAAAAACAIZRws5gMAQBgRwptAADwmBTBU5QCAQAAAAAAAMZhxys/AADYjUIbAAA8xrD5cSkCAAAAAAAAgKGUcMOY7AAAYCcKbQAA8LgUwUOUAQEAAAAAAADGY9crNwAA2IVCGwAAPM7Q+X4pAgAAAAAAAIAhlXDT2L1SZgAA8DuFNgAAeE6K4C5KgAAAAAAAAADjsvOVFwAAPE2hDQAAnmP4vF2KAAAAAAAAAGBoJdw4tlWKAAAAPqbQBgAAz0sRbKL8BwAAAAAAADA+u185AQDAUxTaAADgeYbQt6UIAAAAAAAAAKZQwi1tt6QIAADgcwptAACwjxTBl5T+AAAAAAAAAOZhBywfAAB4mEIbAADswzD6c99EAAAAAAAAADCVEm5p+0yKAAAAvqbQBgAA+1Hc+l0JSwwAAAAAAACAGTn4VS4AAPAQhTYAANhPCeWt9wzqAQAAAAAAAOZUwo78vRQBAADcptAGAAD7UuD6oYTlBQAAAAAAAMDM7MjlAQAAd1NoAwCAfZVQ4vqHQT0AAAAAAADA3ErYkf8jRQAAANsotAEAwP4UuSwtAAAAAAAAAFZhRy4HAAC4i0IbAADsr4Qyl0E9AAAAAAAAwBpK2JGnxwAAALZTaAMAgGOsXOgqYVkBAAAAAAAAsJKr7x8AANhKoQ0AAI5RYt1Sl0E9AAAAAAAAwFpKrHtLWXr5AQDgPgptAABwnBWLXSXczgYAAAAAAACwoqvvGwAA2EKhDQAAjlNivXKXQT0AAAAAAADAutL3CwAA3KLQBgAAx1qp4FXC7WwAAAAAAAAAK7v6fgEAgFsU2gAA4Fgl1il5GdQDAAAAAAAAkL5PAADgKwptAABwvBWKXiXczgYAAAAAAADAOoehOvQVAAAepNAGAADHKzF/2cugHgAAAAAAAIB/pO8PAAD4jEIbAAC0MXPhq4Tb2QAAAAAAAAD44er7AwAAPqPQBgAAbZSYt/RlUA8AAAAAAADAe+n7AgAAPqLQBgAA7cxY/CrhdjYAAAAAAAAAfnf1fQEAAB9RaAMAgHZKzFf+MqgHAAAAAAAA4DPp+wEAAN5TaAMAgLZmKoCVcDsbAAAAAAAAAJ+7+n4AAID3FNoAAKCtEvOUwAzqAQAAAAAAALglJ/k+vnkpAQBgHwptAADQ3gxFsBJuZwMAAAAAAADgNjtyAADgFwptAADQXonxB91uZwMAAAAAAABgqxz867cjBwCAHSm0AQDAOUYedpdw8hwAAAAAAAAA29mRAwAA/1JoAwCAc5QYd+Dt5DkAAAAAAAAA7pWDft125AAAsDOFNgAAOM+IQ+8STp4DAAAAAAAA4H525AAAwF8U2gAA4Dwlxht8O3kOAAAAAAAAgEflYF+vHTkAABxAoQ0AAM410vA7w8lzAAAAAAAAADxupB15CTtyAAA4hEIbAACcq8Q4J9A5eQ4AAAAAAACAZ+UgX6cdOQAAHEShDQAAzjfCEDy9TAAAAAAAAADsYIQdeQm3swEAwGEU2gAAoA/Z+dfn5DkAAAAAAAAA9pKdf3125AAAcCCFNgAA6EPPw/D08gAAAAAAAACwo5535CXczgYAAIdSaAMAgH5kp1+Xk+cAAAAAAAAA2Ft2+nXZkQMAwMEU2gAAoB89DsXTywIAAAAAAADAAXrckZdwOxsAABxOoQ0AAPqSnX09Tp4DAAAAAAAA4CjfOvt67MgBAKABhTYAAOhLT8Px9HIAAAAAAAAAcKAS/dyI1tPXAgAAU1NoAwCA/mQnX4eT5wAAAAAAAAA42tXXAQAAa1FoAwCA/vQwJE8vAwAAAAAAAAANlDj/ZrQevgYAAFiGQhsAAPQpT/78Tp4DAAAAAAAAoJXr4p8fAACWotAGAAB9OnNYnuIHAAAAAAAAoKES592QdubnBgCAJSm0AQBAv/Kkz+vkOQAAAAAAAABauy72eQEAYFkKbQAA0K8zhuYpdgAAAAAAAABOUKL9TWlnfE4AAFieQhsAAPQtG38+J88BAAAAAAAAcJbr5J8PAAAIhTYAAOhdy+F5ihsAAAAAAACAE5Vod2Nay88FAAD8RKENAAD6l40+j5PnAAAAAAAAADjbdbLPAwAAvKPQBgAA/WsxRE8xAwAAAAAAANCBEsffnNbicwAAAJ9QaAMAgDHkwb++k+cAAICVfPfhY8EPAAAAGMnRO+xvIgYAgPMotAEAwBiOHNaneAEAAAAAAADoSInjblBL8QIAwLkU2gAAYBx50K/rdjYAAAAAAAAAenMd7NcFAAA2UmgDAIBxHDFUT7ECAAAAAAAA0KES+9/SlmIFAIDzKbQBAMBYcudfz8lzAAAAAAAAAPTq2vmvBwAAPEChDQAAxrLncD3FCQAAAAAAAEDHSux3S1uKEwAA+qDQBgAA48mdfh0nzwEAAAAAAADQu2tnvw4AAPAkhTYAABjPHkP2b2IEAAAAAAAAYAAlnr+lLcUIAAD9UGgDAIAxPVNIK/H8sB8AAAAAAAAAWrme/M8DAAA7UmgDAIAxlXi8lGZQDwAAAAAAAMBISjy+I0/xAQBAXxTaAABgXI8U00q4nQ0AAAAAAACA8Vwb/3MAAMBBFNoAAGBcJe4vpxnUAwAAAAAAADCiEvfvyFNsAADQH4U2AAAY2z0FtRJuZwMAAAAAAABgXNeD/34AAKABhTYAABhbie0lNYN6AAAAAAAAAEZWYvuOPMUFAAB9UmgDAIDxbSmqlXA7GwAAAAAAAADju+789wEAAI0ptAEAwPhK3C6rGdQDAAAAAAAAMIMSt29fSzEBAEC/FNoAAGAOXxXWSridDQAAAAAAAIB5XJ/83wEAgBMptAEAwBxKfF5aM6gHAAAAAAAAYDZ5518HAAA6odAGAADz+Ki4VsLtbAAAAAAAAADM53rnXwcAADqh0AYAAPMo8Xt5zaAeAAAAAAAAgFnljT8HAAA6pNAGAABz+bnAVsLtbAAAAAAAAADM63rjzwEAgA4ptAEAwFxK/CixGdQDAAAAAAAAMLt890cAAKBzCm0AADCf1yJbCbezAQAAAAAAADC/67s/AgAAnfuvCAAAYDpFBAAAAAAAAAAs5LsIAABgHG5oAwCAORURAAAAAAAAAAAAANAbhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwAAAAAAAAAAAAAAAKAJhTYAAAAAAAAAAAAAAAAAmlBoAwDgI1UE4D0IAAAAAAAAAAAAsDeFNgAAPvK/UKiBM72IAAAAAAAAAJqyo4PzXEQAALAWhTYAAD5jWAjneF2UVTEAAAAAAABAUxn2dHCG6r0HALAehTYAAL7iBDpoL0UAAAAAAAAAp7AjB+87AAAaUGgDAOArKQJoyqAeAAAAAAAAzlPDTVHgPQcAwOEU2gAAuOUiAmiihhIpAAAAAAAAnM0hlNCOn0kBAFiUQhsAALfUcBoWtGAxBgAAAAAAAOerYXcHLXifAQAsTKENAIAtDBHhWDUURwEAAAAAAKAXKQI4VPU+AwBYm0IbAABb1FC2gSMpjQIAAAAAAEBf7PDA+wsAgIMotAEAsNVFBHCI10F9FQMAAAAAAAB0JcMeD45QvbcAAFBoAwDgHk7Igv2lCAAAAAAAAKBLduTgfQUAwAEU2gAAuEeKAHZlUA8AAAAAAAD9quEmKdjTi/cUAACvFNoAALjXRQSwixpKogAAAAAAANA7h1TCflIEAAC8UmgDAOBeNZyWBXuw+AIAAAAAAID+1bDbgz14HwEA8C+FNgAAHmHICM+poRgKAAAAAAAAo0gRwFOq9xEAAD9TaAMA4BE1lHHgGUqhAAAAAAAAMBY7PvD+AQBgJwptAAA86iICeMjroL6KAQAAAAAAAIaSYc8Hj6jeOwAAvKfQBgDAM5ygBfdLEQAAAAAAAMCQ7MjB+wYAgB0otAEA8IwMp2jBPQzqAQAAAAAAYFw17MjhHi/eMwAAfEShDQCAZynowDY13M4GAAAAAAAAo7Mjh+1SBAAAfEShDQCAZ9VwmhZsYbEFAAAAAAAA46th9wdbeJ8AAPAphTYAAPZgCAlfq6H4CQAAAAAAALNIEcCXqvcJAABfUWgDAGAPNZTa4CsXEQAAAAAAAMBU7MjB+wMAgAcptAEAsJcUAXzIoB4AAAAAAADmk/F2+Cvwq+q9AQDALQptAADsSXEHfpciAAAAAAAAgCnZkYP3BQAAD1BoAwBgTxlO2YKfXUQAAAAAAAAA06phRw4/e/GeAABgC4U2AAD25qQteFPDoB4AAAAAAABmZ0cOP6QIAADYQqENAIC91VDigVcWVwAAAAAAADC/GnaDEN4HAADcQ6ENAIAjGFKyuhqKnQAAAAAAALCKFAGLq94HAADcQ6ENAIAj1FBqY20XEQAAAAAAAMBS7Mjx/AMAwEYKbQAAHCVFwKIM6gEAAAAAAGA9GW+Hv8JqqmcfAIB7KbQBAHAkxR5WlCIAAAAAAACAJdmR47kHAIANFNoAADhShlO4WMtFBAAAAAAAALCsGnbkrOXFMw8AwCMU2gAAOJqTuFhFDYN6AAAAAAAAWJ1DMFlJigAAgEcotAEAcLQaSj6sQXkTAAAAAAAAeGV3iOccAAC+oNAGAEALhpjMrobiJgAAAAAAAPAmRcDkquccAIBnKLQBANBCDaU25nYRAQAAAAAAAPATO0Rm5mdAAAB4ikIbAACtpAiYlEE9AAAAAAAA8F79+wM82wAA8I5CGwAALSn+MKMUAQAAAAAAAPABO3Jm5PZBAACeptAGAEBLGU7pYi4G9QAAAAAAAMBnatiRMxclTQAAdqHQBgBAa4abzKKG5RMAAAAAAADwNYdkMpMUAQAAe1BoAwCgtRpKQMxBORMAAAAAAADYwm6RGShnAgCwG4U2AADOYFjP6GooZgIAAAAAAADbpAgYXA07cgAAdqTQBgDAGWootTE2J88BAAAAAAAA97BjZGR+xgMAgF0ptAEAcJYUAYMyqAcAAAAAAADuVcMNV3h2AQDgLwptAACcSTGIEaUIAAAAAAAAgAfYkTMitwsCALA7hTYAAM6U4RQvxmJQDwAAAAAAADyqhh05Y1HCBADgEP8VAQAAJ3sdfhYxMIAalksAADCLP0QAAAAAnOT1EM3vYmAQKQIAAI7ghjYAAM5WQ0mIMTh5DgAAAAAAANiD3SMjuIgAAICjKLQBANADQ1B6V0PxEgAAAAAAANhHioDO1bAjBwDgQAptAAD0wgl09EzpEgAAAAAAANiTHSQ98zMcAAAcSqENAIBepAjolEE9AAAAAAAAsLcabsDCswkAwKIU2gAA6IkT6OhNDWVLAAAAAAAA4BgO16RHfnYDAIDDKbQBANCTGk75oi8WSAAAAAAAAMBRatiR0xc7cgAAmlBoAwCgN4aj9KKG5REAAAAAAABwLLdh0ZMUAQAALSi0AQDQmxpKRPRBuRIAAAAAAABowW6SHihXAgDQjEIbAAA9MiTlbK8LoyoGAAAAAAAAoIEUASerYUcOAEBDCm0AAPTKCXScKUUAAAAAAAAANOTgV87kZzQAAGhKoQ0AgF6lCDiJQT0AAAAAAADQWg03ZOHZAwBgEQptAAD0zAl0tFZDmRIAAAAAAAA4h8M3OYOfzQAAoDmFNgAAelbDKWC0ZUEEAAAAAAAAnKWGHTlt2ZEDAHAKhTYAAHpneEorNSyHAAAAAAAAgHO5LYuWUgQAAJxBoQ0AgN7VUDKiDeVJAAAAAAAAoAd2l7SgPAkAwGkU2gAAGIEhKkd7XQhVMQAAAAAAAAAdyLC/5FjVMwYAwJkU2gAAGIUT6DhSigAAAAAAAADoiB05ni8AAKal0AYAwChSBBzEoB4AAAAAAADoTQ03aOHZAgBgUgptAACM5CICdlZDWRIAAAAAAADok8M5OYKfvQAA4HQKbQAAjKSGU8LYlwUQAAAAAAAA0Ksadprsy/MEAEAXFNoAABiN4Sp7qaEgCQAAAAAAAPQtRcBOqucJAIBeKLQBADCaGkpI7EM5EgAAAAAAABiB3SaeIwAApqLQBgDAiC4i4Emvg/oqBgAAAAAAAGAAGfabPKd6hgAA6IlCGwAAo3JyGM9IEQAAAAAAAAADsSPH8wMAwDQU2gAAGFWKgAcZ1AMAAAAAAACjqeGGLR7z4tkBAKA3Cm0AAIzsIgLuVEMZEgAAAAAAABiTwzt5RIoAAIDeKLQBADCyGk4R4z4WPAAAAAAAAMCoath5ch/PCwAAXVJoAwBgdIavbFVDARIAAAAAAAAYW4qAjarnBQCAXim0AQAwuhpKSmyj/AgAAAAAAADMwO4TzwkAAENTaAMAYAYXEXDD66C+igEAAAAAAACYQIb9J1+rnhEAAHqm0AYAwCycLMZXUgQAAAAAAADAROzI8XwAADAshTYAAGaR4XQxPmZQDwAAAAAAAMymhh05H3vxbAAA0DuFNgAAZqK4xHs13M4GAAAAAAAAzMmOnI+kCAAA6J1CGwAAM6nhlDF+ZYEDAAAAAAAAzKqGnSi/8jwAADAEhTYAAGZjOMs/aig4AgAAAAAAAHNLEfC36nkAAGAUCm0AAMymhlIbby4iAAAAAAAAABZgR47nAACAoSi0AQAwoxTB8gzqAQAAAAAAgFVkvB3+yrqqZwAAgJEotAEAMCuFprWlCAAAAAAAAICF2JF7/QEAYBgKbQAAzCrD6WOruogAAAAAAAAAWEwNO/JVvXjtAQAYjUIbAAAzcwLZemoY1AMAAAAAAABrsiNfU4oAAIDRKLQBADCzGspNq7GgAQAAAAAAAFZVw850NV5vAACGpNAGAMDsDG/XUUOBEQAAAAAAAFhbimAZ1esNAMCoFNoAAJhdDaW2VVxEAAAAAAAAAGBH7nUGAIC+KbQBALCCFMH0DOoBAAAAAAAA3mS8Hf7KvKrXGACAkSm0AQCwCoWnuaUIAAAAAAAAAP5lR+71BQCAbim0AQCwigynk83qIgIAAAAAAACAX9SwI5/Vi9cWAIDRKbQBALASJ5TNp4ZBPQAAAAAAAMBHHA46pxQBAACjU2gDAGAlNZSfZqOkCAAAAAAAAPA5O1WvJwAAdEehDQCA1RjuzqOGgiIAAAAAAADAV1IE06heTwAAZqHQBgDAamootc3iIgIAAAAAAACAm+xW5+BnHQAAmIZCGwAAK0oRDM+gHgAAAAAAAGCb+vcHXkMAAOiCQhsAAKtSiBpbigAAAAAAAABgMzvysbllDwCAqSi0AQCwqgynl43KoB4AAAAAAADgPjXsyEeljAgAwHQU2gAAWJmh73hqWLIAAAAAAAAAPMLhoWNKEQAAMBuFNgAAVlZDOWo0SogAAAAAAAAAj7NzHYsSIgAAU1JoAwBgdYb146ihgAgAAAAAAADwjBTBMGrYkQMAMCmFNgAAVldDqW0UTp4DAAAAAAAAeJ7d6xj8LAMAANNSaAMAACfQjcCgHgAAAAAAAGAfNdz85TUCAIATKbQBAMAbham+pQgAAAAAAAAAdmNH3je36AEAMDWFNgAAeJPhdLNeGdQDAAAAAAAA7KuGHXmvlA0BAJieQhsAAPxgKNyfGpYoAAAAAAAAAEdwuGifUgQAAMxOoQ0AAH74P3t3lBo3DAVQVIEs3N2ZdtY29Ksk6cyAfa2icyAbeEMYozdXnkM8tRqRIQAAAAAAAMB17GTXIjIEAGALgjYAAPibw+F1zCEwBAAAAAAAALjSYQTLmMOOHACATQjaAADgMzfQrUFcCAAAAAAAAHA9u9k1+K0CAADbELQBAMBnhxHczkE9AAAAAAAAQGMObwbzGQAAQEjQBgAAX3MD3X3mEBUCAAAAAAAAlFw6ei+/UQAAYCuCNgAA+Nocbj+7i0UJAAAAAAAAQGsOO/K72JEDALAdQRsAAHzPoXFvDksSAAAAAAAAgDt4S9g9DiMAAGA3gjYAAPjeHOKqmogQAAAAAAAA4D52ti0RIQAAWxK0AQDAvzk87nwsRqYxAAAAAAAAANzmMILMHHbkAABsStAGAACPuYGucRgBAAAAAAAAwO1c/NrwWwQAALYlaAMAgMcOI7icg3oAAAAAAACANczhzWFmDAAAFxK0AQDAc9xAd505RIMAAAAAAAAAK3Ep6bX8BgEAgK0J2gAA4DlzuB3tKhYhAAAAAAAAAGuZw478KnbkAABsT9AGAADPc6h8vjksQQAAAAAAAABW5C1i1ziMAACA3QnaAADgeXOIr84mEgQAAAAAAABYl53uuUSCAAAwBG0AAPAqh8vn+Vh8TGMAAAAAAAAAWNYx7HXPMs0SAAD+ELQBAMDr3EB3jsMIAAAAAAAAAJZnR26OAABwqncjAACAlx1DjAUAAAAAAADAHubvvzdjAAAAzuINbQAAAAAAAAAAAAAAAAAkBG0AAAAAAAAAAAAAAAAAJARtAAAAAAAAAAAAAAAAACQEbQAAAAAAAAAAAAAAAAAkBG0AAAAAAAAAAAAAAAAAJN6NAAAAAAAAAACA/9hPI4BLvBkBAAAAcAVvaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACAhaAMAAAAAAAAAAAAAAAAgIWgDAAAAAAAAAAAAAAAAICFoAwAAAAAAAAAAAAAAACDxbgQAwAPTCHzuwC1+GAH4H8MzDuA7AQDPpIDnOwA8swF4lsf3LgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAC/2INDAgAAAABB/187wwIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAwSQAB24YAEAAAAAMj/146Qq6qqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqCntwQAIAAAAg6P/rdgQqAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMBUArQLByQAAAAAgv6/jn4oCgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAALL4rD3jMX27WAAAAAElFTkSuQmCC)Logo

Description automatically generatedLogo

Description automatically generated  
  
  
INTERNATIONAL PLAYABLE THEATRE LAB  
APPLICATION FORM  
  
Please note that this document is for drafting purposes only. All applications must be submitted via the** [**online form**](https://forms.gle/kW7sprMSCScR7XmL9)**.**  
We recommend preparing your application offline before submitting it as there is no option to save your work in the form. Before applying, please read through the guidance which is available on [our website](http://www.upstart-theatre.co.uk/) in standard, large print and audio formats.  
  
Upstart Theatre are committed to making our projects accessible. If you have any access needs, or would like to submit your application in a different format, please contact Producer Hannah Tookey at [hannah.tookey@upstart-theatre.co.uk](mailto:hannah.tookey@upstart-theatre.co.uk) and let us know what you need to be able to apply.  **Application Form**Thanks for your interest in being part of the International Playable Theatre Lab! We'd like to ask you some questions about you, your work, and your idea for a piece of Playable Theatre or performance that you will develop as part of the digital residency.

For more information about the International Playable Theatre Lab and what we're looking for, please visit the Upstart Theatre website at www.upstart-theatre.co.uk.   
  
The suggested word limits are a rough guide. We haven’t included word limits in the form in order to save you the time spent cutting out just a few words to fit the box. It’s okay if your answer is under or a little over, but please don’t exceed this excessively.

If you would like to discuss submitting your application in another format for access reasons, then please get in touch with Producer Hannah Tookey at hannah.tookey@upstart-theatre.co.uk.

A note about privacy: Upstart Theatre will keep this information on file for purposes of processing IPTL applications. If your application is successful, we may share the information contained in your application with our funders or other partners for the sole purpose of planning and producing the programme.  
  
All questions marked with a \* are mandatory.   
  
**About You**  
  
Name \*  
  
Pronouns \*  
  
Which country are you based in? \*  
Choose one option from:   
Mexico  
North Macedonia  
  
Which city/town and state/region are you based in? \*   
  
If you have a website or link to your work online, please share it here.  
  
Contact Email\*  
  
Contact Phone Number (please include the area code e.g. +44)\*  
  
By which methods are you happy to be contacted? If you have a preference, please let us know in the ‘Other’ box.\*  
- Email  
- Phone call  
- Text  
- WhatsApp  
- Other  
  
  
**Your Proposal for the International Playable Theatre Lab**If you'd like to answer the following 4 questions as an audio or video clip, please post a link to it here. We recommend that your video or audio clip is no longer than 8 minutes.  
  
  
Tell us about yourself or your company.  
Suggested word limit: 200 words.  
  
  
Why do you want to take part in the International Playable Theatre Lab, and what do you hope to gain from the programme?   
Suggested word limit: 200 words.  
  
  
Tell us about your idea for a new Playable Theatre show or performance that you’d like to develop on the International Playable Theatre Lab.   
Suggested word limit: 300 words.  
  
  
What work, if any, has been done on your proposed idea so far? If your proposal is purely at idea stage, you do not need to answer this question.  
Suggested word limit: 150 words.  
  
  
  
**Equality, Diversity and Inclusion Policy**Upstart Theatre have a commitment to promoting equality, diversity and inclusion throughout all of our work. For this lab, we are eager to support artists who are from underrepresented backgrounds and who may have faced barriers to progressing their career in the arts.

However, we also recognise that artists face barriers that are not necessarily accounted for within these 4 groups and are committed to supporting artists facing these challenges. If you do not identify as one of the groups listed below and yet feel that you have faced significant barriers that have impacted your career and would like to tell us about these, you may do so below.  
  
Do you identify as:  
(this is a checkbox question, please check all that are applicable).   
- Disabled and / or people whose day-to-day activities are limited by a long-term health condition or illness  
- An artist of colour or from a minority ethnic background  
- LGBTQ+  
- Working Class, Underclass or Benefits Class  
  
If you feel that you have faced significant barriers that have impacted your career but which have not been listed above, and would like to tell us about them, please do so here.   
Suggested word limit: 200 words.  
  
  
  
Please tick to confirm that you are available for all of the digital residency dates, from Monday 20th to Friday 1st October (excluding the weekend). (tick box option only).   
  
 **Diversity and monitoring information**  
The below information is optional but it is really helpful for us to understand the breadth and range of people who are applying for the International Playable Theatre Lab. This information will not be used when assessing your application and is purely for internal monitoring purposes. We've tried to keep the answer options as open as possible for you to self-describe how you identify, rather than using tick boxes at every stage.   
  
How old are you?  
  
How do you describe your gender?  
  
How do describe your sexuality?   
  
How do you describe your ethnicity?   
  
What is your religion or belief?  
  
Are your day-to-day activities limited because of a health problem or disability which has lasted, or is expected to last at least 12 months?  
(this is a multiple choice question, you can select one option)  
- Yes, limited a lot  
- Yes, limited a little  
- No  
  
Do you have caring responsibilities?  
(this is a checkbox question, please check all that are applicable)  
- None  
- Primary carer of a child/children (under 18)  
- Primary carer of disabled child/children (under 18)  
- Primary carer of disabled adult (18 and over)  
- Primary carer of older person  
- Secondary carer (another person carries out the main caring role)  
  
  
  
Please note you will not receive a confirmation email when you hit submit. If you see the confirmation page, then rest assured that your application has been received. We can't wait to read your ideas!  
  
  
**SUBMIT**