## A picture containing text, receipt, screenshot Description automatically generated

Fig. Class Diagram

## **General**

Starting from the provided code for client and server, I built on top of it with the idea of a functional, easy to use and manage, application in mind.

To facilitate communication between client and server I chose to create Robot class(robot.Robot) which carry all information the client and server need to process. Outside of the name of the robot, all other properties are randomly generated or user-adjustable through client and server GUIs.

![Graphical user interface, text, application

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAGAAAISodpAAQAAAABAAAIUJydAAEAAAAMAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERlbmlzAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM3NgAAkpIAAgAAAAM3NgAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDoxMjoxNyAwNzo0Njo0OQAyMDIwOjEyOjE3IDA3OjQ2OjQ5AAAARABlAG4AaQBzAAAA/+ELGGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjAtMTItMTdUMDc6NDY6NDkuNzYzPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRlbmlzPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAXQBMAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APpGiuIt/FXiOa4g0F9KWPXhOVurr7NIbGKEEsJQ2ctuUbQNwO7IOMYPb0AV57+C3m8qQyF9oYhImfAOcZ2g46H8qhvtTS0sbe6jTzknnhiXBxxI6oG/DdnFcnaz2ekm70fS4ba4uLeR5djkopRnfaC21iSFUr3z5Z6cVxl/4/FvqEly3ha+EOnTiORbW7VYZjG8zq+3y8sqtFO24YHynd0rGlUcpNytyp2uXUjZWjue20U2UFoXCyGMlSA4AyvvzxWZpWqy3szwlUuY0GRfWwIhf2Ge/bClwMckHitbq9ibaXNKaaK2gknuJEiijUu8jsFVFAySSegA70kFxDdW8dxaypNDKoeOSNgyupGQQRwQR3rkfiPqsNvp2n6PKt041a7SOZbS1kuH+zod83yRqzEFRsOAf9ZWJoWrah/wh2taL4SgvVutIvFS1jmtTBOLORw4McdwFG5UMiJvG0mMdRQnv/Xb/P8AMLbf1/W35HptQR31pNez2cN1DJdW6q00CyAvEGztLL1AODjPXBrzq81/UjoNjfWev62+jRG4GpanFpsH221kVgFSaBouEX592yLdwp4XLG5qnizUrQa4tnexSbZ9OtbKdogyRG5KIZcDG4fPuwTjgDpT/wCGF/X3HoFFeeajf+IPDuratZN4hm1GGLw9cX8DXVvAJY5lYAEmNFUr6Db65zxiP+2fEOj3MaX2tPftqHh65vwGtokW1niEZ/d7VB2HzOjlz8o55NTzKzf9fa/+RY0m3b+un+aPR6K83sn8VTar4fs5/Fc+zW9Lku7l0s7cNbPGIjiAmMgAmXB8wScDggnIqDxf4jvLPQtItxqFzfXAvTd3umRWizuttMIQVW4YRKWJDNwcchQM5W2mnb+tL3/IlO6uep0V53b3vjG6uvD+k6je3GjTXX237TK0Ns9xJFGV8p/l3xLIQwzjK8t8o4xlxyar4hu/B8t3r15Dc22sX1jJLbw26+aYUuE80ho2AZlTBA+X5jgA4IS1Y3or/wBf1oejJ4j0SXW20aPWNPfVE+9YrdIZ14zzHnd056dKu3N1b2cBmvJ4reIHBklcKo/E1yOrpH4l1yy0nRbVfI0nU0vL3UAoVIJUO8xJj70rbsNjhVZtxyQp6HW/9Raf9fsH/oYpN+6n5/5a/wBfqPrb+uuhLca1pdpII7rUrOByAwWSdVJB6HBNNvNU0eCURahfWMcgGQk8yA4PfBNUI5L5PFGp/Yba3mUpBvM1w0ZHDdAEbP6URyX6eJ9T+w21vMpSDeZrhoyOG6AI2f0rPnf4lcqNWRLGGNXmW3jRiFDMFAJPAGfeo5pdLt7mO3uJLOKeX/VxOyqz9uAeTXNeJL0XFwftMN5HFZ3MIhUWkpWR/MXc+4Lg8ZVRnnJ9RVi4ENzpXiiaYHcc8upDKqwqycHkYJz9TUuro2ug1DY3JLjSYbxLSaWyjuXxshZkDtnphepqz9lt/wDnhF/3wKxNQzqViNJt4g11Okb3MpHEHQ7mPdvl4HXgdBzXQVsm7tEdEVtlj9o+z7bfztu/y8Lu25xnHXGe9RSXGkw3iWk0tlHcvjZCzIHbPTC9TXLnVIP7Q/tzZdbxd7A32WTZ9mxs+/t24z8/WtvWguorLpFlErzzFXnlxhYBkYdj3b5flHXgdBzWaqcyuv6/r/Mpxs7M1vstv/zwi/74FH2W3/54Rf8AfAqnr9zcWehzzWcgjnXaEZl3AEsByPxrNkXVRqN7ZLrMwSK1W4SUwRbwxLDaflwV+XPTPvTlUUXa39a/5CUbo3vstv8A88Iv++BUeyxFwLcrb+cV3iPC7iucZx1xnvWDdatd3VjbvZzXa3RsluZIrSKIqm4ZDO0vGMg/KCDwae2s3klq8yuIydH+1hVUELIc88/ypSqJN+X/AAf8gUW/69P8zcmjs7eF5Z0gijQZZ3ACqPUk9KIY7K4hWa3SCWJxlXQKysPUEdayrC5vodXtILy8N0t5ZtMVMaqI3Ur93ABwd3Q5PHWrfh7/AJF6z/65/wBTV31t/WgraF37Lb/88Iv++BR9lt/+eEX/AHwKloqhEX2W3/54Rf8AfAo+y2//ADwi/wC+BUtFAEX2W3/54Rf98Cj7Lb/88Iv++BUtFABRRRQBzCeDsy4nvg8LKqOEjZJGUbsDeH4PzHJAB+lclefB/VZrHVNNsvFsdvpmoXLz/Z30wylAxkO1mM37w/vB87AtmOMgjYuPVKKxp0KdOPLFaGkqs5O7GyRpNE0cqK6OCrKwyGB6ginUVVv9RttMtxPeOUQttGFJyfw+hrSUoxXNJ2RCTk7Ia+k2UmtRatJCWvYYGt45C7YRGIZgFzjJKrzjPA5qlqfhPR9Wvpb28gmF1LCkDT291LA+xH3rho2UghieRzyRnBIrZ69Kz73XtN06++x3lz5c/wBklvNnlsf3MZUO2QMcb146nPAp6L5f8P8A5hqzNl8CaBNaw27QXaxxBwRHqNwhmDnL+aRIDNuPXzN2efU1Nqvhuxn0vVI7fSbS8k1CJElt7mZoopdg2oCwVtmB0KrkEA9eaZo/jbQ9dvILWwmukmuITPbrd6fcWonQYy0ZlRQ+AwPy54INLpvjPSNXvVttPGpSlpHjEx0m6WAspIb98YxHjKkZ3YzTa6CTW5ieHvAjR6hqF7r1rDGbuxOn/Z49TuL5niY5cvcTBZDngBQAFwSCSxx01x4c0q7lhkuLXe0FpJZRnzHG2GQKHXg99i89Rjg0usa/p2hLD/aEsvmXDFYYLe3kuJpcDJ2xxqzsAOSQMDvVnTtQt9VsI7yz83ypMgCaF4XBBIIZHAZSCDwQKN1/Xn/m/vDZ3/r+tERR6Lp8V1Y3EdviXT7dra2be37uNtm5cZ5/1acnJ49zVC58GaFdWMFo9pJGltPJcQSQXMsUsMkhYuUlRg67i7ZAbBBx04rdqKG6guHmS3njlaB/LlVHDGNsA7Wx0OCDg9iKHruGyKNp4d0yyeyeCGQyWKyrBJLPJI48wguWZmJckgElsmq0vg3Q5bSG3+yyRpBeSX0TQ3UsUkczli7B1YMM72yM4wSMY4rcoo8w6WOcg8CaJa3j3Fq2q27PcNctHDrN4kRkZi7HyxKEwWJJGMHPStfU7KW+tkSCZIZI5UlV3jLrlTnBAI/nU91cxWVnNdXL7IYI2kkbBO1QMk4HPQVXOrWh0VNWjM01pJCsyGC3kld0YAgiNVLngjgDNKyat2/r9B9b9/6/UZNotpcXLXMpuFndVWRoLqWENjpwrAUTaJZz3LXDG5SV1VWaK8lj3AdM7WGfrU1vqVpdX11ZwS7ri02eem0jZvG5eSMHI9KtUuWPYOZkM9pDdW4hnUvGGVgCx6qQQc9eoFV7jRrG7u/tM8JMh27sSMqybTldyg4bHbINXqKbSe4XZnS6FZS3Utx/pUckzBpDDeTRhiABnCsB0AoktdUdmQXtoLZjjYbWTfs9N/m9cd8e9aNURrNkbG4vPMdbe2LCSRoXUfL1xkfMOOozUuMFoO8mS/2fa/2Z/Z/kj7J5Xk+Vk42YxjPXpVX/AIR7TxI7x/aomfG7yr2ZA2AFBIVxzgDmtMHIyKKpxTd2hJvoQ3FpDdWpt7hS8RxkFjzg5HPXqKDZwNcyTlP3ssYidsnlQSQP/Hj+dTVROs2X2s26vK7hxGzRwSNGrf3S4XaDz3PFJ8t9QV+hHJ4f02URhoGCxxCHaszqGjHRWAOHH+9nqalGkWIi8sQfJ9m+y43t/qv7vX9etNGt2Zu3tk+0vIknlsY7SVkVvQsF29/Wr9JKD1QXaKkthGXjmtwiXMMTRQyOGZUBx1UEZ+6O/wCNLptmdP02C1aQSmJdpcLt3fhk4/Ols9Ss9QaYWNxHP5DbJDGcgHGcZ6GmnU7QXNzbiRnmtUWSWOONnZQc44AOTx0HNO8fiDXYt0VFa3UV7ax3FsxaKRdykqVyPoeRUtUIKKKKACiiigAooooAp6sbZdMlN9I0UIwS6E7lORtIxznOKTSHvH02NtQz5xJ5YAMy5+UkDgHGOKuOiuuHUMMg4IzyDkfrS0Acd8T0tpfCAjuIWmke5QQBZCgV8Ekkg9Ngcd+SOO4840CS5sZzZQQMkN66q6CYSF3GRGORkfMwzg9Cete4Xun2WpQiHUbOC7iVtwSeJXUNjGcEdeT+dU4vDOg28yTQaJp0UsbBkdLSMMrA5BBA4Nc9aNaonTUvce6KhTw6mq0k+ddUyDwlqa6loMR3bngPlMfUAAqfxUr+tc14xQy+NJXTkQeFdQ8zA+7veLbn67G/75NdvZ6dZacrixtYbcSNufy0C7j6n1qO30XS7T7Z9l02zh+3uXu/LgVftDHqZMD5icnJOetOFOSpKEndpNfg1+ppOcXNyitLr80zz3wr9th1DwYvim5tpoG0sNo8lrAYFWYwgNHIGdyz+USVIKg4kyuQtavw4g10aHbyyajpzaX9ousWy6e4nH7+TH77zivXn/V9OPeuwk0uwlt7aCWxtnhtGR7eNoVKwsn3SgxhSOxHSs+38GeF7TVBqVp4b0iC/VzILqKxiWUMerbwucnJ5z3rplLmlf1OaMbRSK/iPRJNR1SwvdI1SLTtcsY5DbmWMSxyxMU8xJI8hihITlWUg457HlJvHdxaWWn+K9RVordVvdMvba3maS3a5iLFJI+mQzQuoOM/vFFd3q/hzRPEAiGvaPp+piHPlfbbVJvLzjO3cDjOB09Kpan4Z/tBtMsopba00SxkilNhDa4LtEQ0Sht21EBCnaEydoGQKhLp/S7/AIfjqaP+v69f8jjrq01TQ30q78RX2p6hZ28FtHdGx1WSOW0u5JSWkkiDATRMzKoUltoXCoQTihdeb4Y0nxvqOhXNyt1/bcVq811qczR28ci22+Q7y6oQHJ37SVGOoAFen3Hh/RrvV4dVu9JsZ9RtwBDeS2yNNGBnAVyNw6noe5p50XSzf3N8dNszd3UXk3Fx5C+ZNH/cZsZZfY8U+t/X80/0t6MXr5fgmv8Ag+p5vqFn4l0Twz4g36gNPie3tjbxw67cajPBIZdplEk8asqsMDbkrlTgDJzcuPDzHxZrWkLruvrYRaTFexxrq0++O4dpkLiTdvxiMfu87MnO3pXaWPhfw/pllNZ6boem2lrOwaaC3tI40kI6FlAwSMd6vmztjcyXBt4jPJGInl2Dc6AkhSepALNx05PrSkm9v63/AK+Q4u2/l+n5r8zmor641P4PLf3r+ZcXWhedK+MbmaDJOB7mqF5cz2fwRsJ7SaSCZdPstskTlWGfLBwR7HFdolnax2IsktoVtFj8oQCMCMJjG3b0xjjHTFZVl4L8LaaZTp3hrR7QzLsk8iwiTeuQcHC8jIBx6gVTs5Sa62/C/wDmQk1GK7frb/I5K4sbDUPHXjL+0ddvdPS1tracraXz2vkjyWzMxQgsBjoxKccik8Nz6j4g1rSLjXr6/i8vw9aX81tBPJbo85d/ndUIzwOUPB6EHAFdrqHhjQNWuBPquh6bfTBg4kubSORgwGAcsCcgAVfFtALs3QgjFwyCMzbBvKAkhc9cZJOPepSa/ryf+a+77reqt/W6/wAvx9b+WaHrF4/jLwzf2jXVtp/iH7RIsV7rkt1NcReU0gc2xBjhwwXHlvwGCkc4EukPc6T4M8PeLrvV9SuD58Z1M3F7K8bQSbos+WW2DYXRiQMnaScnmu/s/DOg6ddNdafomnWtw8hlaWC0jR2cggsSBndhmGevzH1qrr3hs6roS6HYT2+naXKPKu4Y7XLPCescZDBY8jIyVbg8AHmm/L+tRdXfqN8EyXV54aTVL6WZ5NUle9RJXJ8qJzmJAD90CPZwO+T3qvdDPw9vVHVxMij1JlYAfma6dVCIFQAKowAOwqhaaLa220yf6UY5GkgadEJgLHJCEKCOfqfeonHmdltsVF21e5geIL2ZBfXNk00bWBRGme+aJA+FYKsQBV87hndjOcD2tXVxcpqk2kLNMHvJ45YnDnKREZkAPbHlsPbeK25tLsLi4NxcWNtLMV2mR4VZiOmMkZxU5giM6zGJDKqlVkKjcAeoB9OBUqDve47q1kcpc30v9o297aNNHE+oi23TXzfvMNsZRBgpt4ODkNxn63pGk0GQXFnPFcadc3YV4D9+N5HwTGw6/MeVIz157Vrf2XYC6a5+w23nuQzS+Su5iDkEnGeoH5Ukek6dFeG7i0+1S5JLGZYVD5PU7sZ5zSjCS/r0/wAgckzM0iO/N/qLQ3NulsL990b27M5+Vc4beAP++TWpE17JcyJdW1sttghHSdnZueMqUAHHuaZJouly3RuZdNs3nLbjK0Cls+ucZzV2rjFqKTE3d3Ocs/NsrrxANLtFlkjkiWCBNqL/AKlAByQABUOgiW38S3EUljdRyPaRtNLMYss++Qljtc9TwAM4xjgYrpkhijkkeONFeQguyqAXIGASe/AxTZbdX8xoz5Mzps8+NV3gDOOSCOMnggjmpULNPsPmurFLw9/yL1n/ANc/6mtKq9jZpYWMVrE7usS7Qz43H64AFWK0irJIl6sKKKKYgooooAKKKKACiuf8R6Xqr3drrHh+5kN7Z5zYS3LJb3aEEFWHQMM5VsdQM8dJvDWm6nZWk1x4gvPtOpXchkmWKVmghAOFSJTjaAuM8ZJySTQBp3t5FYWjXFwTsUhQB1JJAA/EkVzOq/EC20y48j+yb+eQeTu2NDhRJJsXnzOuQf0yR1q34xvE0+00+6mGYo7z5vTmKQDJPA5IGTxzXmPjlbK6jt72w/sq61a7nVHVwrxqkccknJHI+4AXYhcfewoyPPrYmUK3s0ddOjGUOZnsWjatFrelR39vFLCju6GOYLuVkdkYHaSOqnoTV6vPPhe99Y3+vaDd/YvIsJVkgNpD5YbfLOrE9QT+6HAJ2/cJBUqOs1WKeS7X+zYZxehBi4WQRxAZOA+QQ3fgKxGf4c5rsjNuClY55RSk0jXoqH50sj9rkUuqHzHiQqOnJAySPzNeJWsekr4S1jTtL/srUQosfM8Q6O+HvN1yvFxjJW4HLE7mJ3E/LnFX1sR0ue50V5hq+n+EdI8ZDT/GFppVl4ci01DpNvexoll5xkczkBvk83Bjx/FgsR1avSrURLZwi2GIRGojHPC44689KfS4PR2JaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKyPEnhbR/F2nR2PiC0N1bxTCdEEzx4cKVByjA9GYYzjmtejNAGJ4f8H6J4Xub640W1lim1Bla6llupZ2lKliCTIzHOXY++ea26KwtZ8Ry6XftbQ2S3ASBZmZp9mASwxjac/dqJSjTV3sVGMpuyN2iuU0Dxfdam+lw3unxRPfRbjJFPuAYIWOFx049a6l5EijaSRlRFGWZjgAepNEKkZq8RyhKDsx1FFVNS1XT9GsmvNYv7WwtVIVp7qZYkBPQbmIHNWQW6KwV8VW1xqjW1g1rcWx0w6hFei6Hkuu4qBuAIC8Z3DPHarFx4k0zSdJtLzxHqml6WLlVw0t8oiZiuSEkfbvHocDI5wKOl/63a/NB1t/Xf8AU1qKzdR8R6Jo67tW1nT7Fdqtm5ukjGGyFPzEcHBx64NU7jxroFr4stvDk+pWyajdQmaONp4xnlQqYLZ3NuyoxyAfSjd2DZXN6iiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBk0MVzBJBcRrLFIpR0cZVlPBBHcVxdv8P5YbiDTX1FJPC1rObiLSmhyzscsI3fPzIr/ADAEHOcHOAa7eigArzjxtpiP4nuJnttVnE1lGEa2850DBnBHy8LxtOOOpPc16PRWdSn7SPKaU58krnzBp11eWfhufXrPxTJb3WnT/wCjwblO3C3GFwTt+YQrgMVON42NmPf9OTMVhdljMpCkiMEZb254/OsWfwP4TuriS4ufC+jTTSuXkkk0+Jmdickklckk963aUKfImhzqc7uZWlaZcWczyO8dtCw+WxtyWijPrlh+OFCDk5B61ieKRLY+NdA1u6sru90uzhuYmFpbPcPbTyBNkvloC5G1ZEyoON/YEmuworRK1rGd73ucHqME2o6pqF5Y6bdx29z4aljiV7VoyXZ2IQqRkOc52n5ueRWLdadqNhr+n32oXfiCwspNBt7SJ9J0xLwxSKSZY5EMErpuyhyFAOwgnIUV6tRQlZWX9fF/8kJ6v+v7v/yJ59oXheCx16FEsLqW0t/DMVnBLfQguAZHLRNgBQ2NuVHtxiqvhKK+0ufwPJqmn36f8U+1jIwtJG8mYtAQsm1SY+FblsDg5Nel0VSdnf8Ar7X/AMkxPVW9Pwt/kFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQ3dylnbNPKGKJjdsXJAzjOPQdT7Cpqr3xuhZv8AYFjackBRJ93kjJP0GTQBLDNHcRLLBIskbdHRsg/jVPXZXg8OalLE7I8dpKyspwVIQkEGpdNsF06yW3Vy/JZmIwCScnA6AewqDxDHJN4Y1SOBGkkezmVEQZZiUOAAOpqJ/Cxx3Oe1mUWWsaXpdjJepc6j5pjuHv5WWIxqG5ViQ2RxzXSaPdzXulpLchBMryRSbPulkdkJHsdufxrzHxpJqYmGs2j6k62ySoqjSZozZxPEweUOdmWGBg5GOuDiuo+Gt5f3ek3PmJv0oSu1hdM255iZpfMyd7FgDgBiFJ9+tTL2UaqjT7a223Mo1ZOThNeh1zXcCXi2ryqs7ruRGOC4749cd8dOM9alZlRCzkKqjJJ7Cs/U9Pn1MfZmkiitCAWPlh5C2cjbu+VcYHOGPPGMA1bFrGLI2uXaMoUy7lmIxjljkk+5qrys7G2l0cto+q+KPEttDrWlyaVZaRcMHtba5tZZZ7iDPEhkEiiIuOQNj4BBJOSBNa+Jbi5Sfz7m1smTXG06ItbPKJVB+7gONrkZ+Y/KPQ9KqeGm8QeGdJs/DU/h24vo7BUtbfU7a5gWCSFQAjyK7iRGC/eCo/I4JzUQ8O6r8v8AovTxQdQ/1i/6jn5+v6dfar050lt/9tH9L/iQ78r7/wDAf62N2fxjodvrH9my3Ugn85bdpBaytAkrY2xtMF8tXOQApYHLKMcjMS+O/DraqNOW/cz/AGs2TEW0vlpODjymk27FY44BIJyMZyK5DT/BUtpqlzYaroes6lFNqr3aX0OvSJZlHm80GSDz1wyE42iJgxUHPJxo3fhnV38LXtrBaf6TL4kW/RRIgzCLxJN+c4+4pOOvGMZ4ojq1f+tV/m/uHLS9v63/AMkbnh7xnaeINS1i0jtby2Ol3BiMlxaTRo6hEbdudFUHLH5ck4AboRVXwV4tvPEc97HqVrHbbljvdP2AjzbKXIjZsk/PlG3Y45X1rJ1TSPETweK9HsdNuEXW75Gi1KKeEJHBJHDHKcF94dVWQ42kHjBNWh4S1fRPFGhapp+rahrMUG6wuYLr7LEIrV1zuXy4o9210Q4OTjOBRHpfsvvtr+NvLcH19X91/wDK/wCBrWfj/wAN6hdW0FnfvJ9qlMEU32WYQtKMjy/NKbA/yn5C2725FE/j/wAN215NbS377re4+zXLpazNHbSZAxLIEKx5JGC5APY1xfh231rXfAujaGmhtDai/S5k1QzRGERRXJm+Vd3meYSgXBTaCSdxxy9U1rU9I8Y+H9N0MzpqmqXVuuoedEIYFcKjtKrMHJUZICK2cAZHZRd7f1/L927G/wBf8/v2PQ9YvjYrZhbyG1a4u44FM1u8okyTlAFYbWIBwxyB3B6VVk8X6NFraaVNNcR3DzfZ0kezmWB5cZ8sTlPLLf7IbOeOvFYniKa6+1aLZXNn9njg162jtJDMrm7RYizPtHK4O4EHsuelYeoeH/E+p61C99Yanc3FvrkVz9rbVFjshZrOGRY7dJAGZUxnzI92QxDEhQXHV26X/D3f8yZXUb9bf/Jf5Hex+JdJlsLW8jui0N3c/ZID5L7nl3MpXbjIwVbORgAEnjmobHxfo2oawNMgmuFunDmIT2c0KT7D83lSOgWTHX5CeOenNYVj4X1OHx/cTOiDRbaWXULElgc3M6BHGM5G0+c2cc+dx0NY+h+H/Esvibw5qGtWGqG6spZW1S9vdUV4ZHaB0DQW6SFFTJxnYjAFcg5Ygjrv/X9P8LWHLS9v6/pW+Z6hRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUN3O9vatLHC05XBKJ1Izzj6DJx3oAmoqG0u4b61S4tX3xPnDYI6HB4PuKqeIjjwvqp9LOb/wBANTJ8sWxpXdjRorhtdhs4fEGjaTZafZW41Hzy1zHAFlhMah1KkYxzxXU6FcTXOko11J5sscssLSbcb9kjIDj1IXNHvqSUluriTi07PY0KKq3Oo29nOsd2WhVwNszjEZOcbS3QHpwcZzxnmrEkiwxPJIcKilmPoBTurXHZjqK4zw8Nf8U6XaeI38Q3GmwXu25tdOtraBohAcFFlLozszL94q6AZwAMZK2viC4kScX99dRn/hI2sIGtYos7AcrG25T8hAIJHzehp/a5Xv8A8FL82Lpfp/wG/wBDsqK5qfxxZwXzp/Z+oSafFdCzm1VEj+zxTFgm05fzDhyFLKhUE8kYbEI+INi2oGD+zNUFtHqJ0yW/MSCCKfdsVT8+4hmKgMqkAsASDkAWrsv62/zX3g9N/wCv6szq6K8+f4h6qlt4g8zQJreaz1GPTrBp2i8t5ZfKWNZNkrNndLuJAA24Gd2RWlZu9h4ntLHUviCLvU5AXl0eVbSMSgox/dxqgmUAjIy78KQSetHS/wDW1/yDa6/rsdVbW0FnbrBaQRwQp92OJAqrzngDjrRBbQW3mfZoI4fNcySeWgXe56scdSfWuLPiLVP+FJSa/wDav+JmumvOJ/LX74zg7cbfwxitbRdVvLvxt4isLibfa2SWhgj2AbC6MW5AyckDrQHka50jTTq41Y6fa/2iIvJF55C+cE67N+N232zirlc7ba6VtNTubSDVdYkh1F7YWqpAHVlwCqHKLsHJzI2evPQUlh41sr2a0gksr60uLi9ksHhuEQG3nSMybHKsR8yDKlSwORzQtVp/V/8Ahwem/wDVv+GOjornz4s862lm0rRNT1QR3ktpi1EK7jGcO4aSRV2hgV5IJIOARzWjomsW2v6PBqVkJUimBBjmTa8bKxVkYdmVgQfcd6A62L9FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFQXsdxLaMllMIJmIxIVztGRnj6ZqeigCCys4rG2EMGcZLMzHLOx6knuTVfXbea88O6jbWyb5prWWONcgbmKEAZPHU1fopNXVgOGn0i9nvbrUJLPVopHjWPEssMiRxGWMyKiIzEkqp4IOcY5yBW34Qt57bS51mSZIjcs1usyeWQmF/gwNo3buMD175reorGVHnrqu3qlY0jPlpOmlu7lO809r6TbNdSpalcNBCdm899zj5sdOFI75yDip0tYI7UW0USJAF2CNFwoX0AFS0Vtyoi7OQ0PSvFPhqzg0Oyj0m90m1Iitbye5kjnitxjCtEIysjKOMh03YHA5pB4Sv+P3tvx4iOqfeb/Vc/L0+97dPeuwop9eZ7/wDBT/NC6W/rZr9TznT/AIcLpevTMPDPhbUreXUXvE1S8i/02FXk8xl2+U29lJYK3mLgbePl50bvwdqE/hu709JrYSza8upKxZtoiF0s2D8v3tqkY6Z7967WihaNPt/mn+iB6/16/wCZxVx4Nv72XxDaTy20VpqF7HqVjexuzTW9wixbN0RUKQGi3Z38g4wOtTrpnijVtb0WfXrbSLaHSrh7hprK8lla4YwvFgRtEoQHzC332xjHPWuuooWit/Xb+vxDv5/rv/X3HAt4T8R/8I5J4QQ6aNDd2j/tD7RIblbZn3GPyTHt3YOwN5n+1jPy1o3On6joWseIdfhu9Lt7e7NmfMvpWVIoYsiYueADtJ2nOM4zgV1tFHQOtzzO30a78T+Hp7nShbXtjN4gnvfst1cPDb6nbkMoDOitmMthgCrK+0cEHNWLHwBqVh4T1azsk0nT7+XVF1PTY7JDHbWzqI9qEBRxlGUkLyGJwM7R6JRQlZWXZL7rf5IHq7v+r3/zZwOpeBLsafoFnb29hrVlp0Ekd1p+q3DxwXMr7T57BUdZGDByFZcZckEEVveB/D9x4X8I22k3bWrSwyzN/oiFIgHld1Cr/CAGA29umT1roKKdxW2CiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKAGTSNFBJIkTzMilhHHjc5HYZIGT7kCubh8e6ZcaXa3EMF213dXDWsembFF0JFbDqybsLtA3EkgBcHuK6es9dA0lNbfWF062GpOoVrryh5mACOvbg4z3GB2FAGhXAeMNe+y+Ip7ZJ9Sj8m0jbFssqqGJc5yBg8Y5GehHY139c1r/AIZvtV1Rruy1OO0WS2WB0e3MmdrOcg7h/f8A0rCvGUoWibUZRjK8jnvBs063mg2qX7kfYllltZNQV2ERi+RvK3bsZx2r0SQusTGJQ7gHapbAJ9M9q5TRvByWWtaXqF1bQCaw0xIA8MuAbjYsbuU8sFjsRFDs54GNoxk9XKhkhdFdoyykB0xlfcZyM1qqcacUotv/ADJnNzldlW11OG4m+zyK9tdYybecBXx6jGQw91JFZmv+IL7TNY0zS9K0uO/utRWZkM10YI4/L2klmCOcYY9AeQBjnI1rPT7Wx3m3jw8mPMldi8kmOm52yzY7ZPFVbzRvtfiTTNW8/Z9ginj8rZnf5mznOeMbPQ5zTV9LkaHP3XjjUI7PUNXstDhudB02WSO4ujfbZ3ETFZnii8sqyqQw+Z1J2HA6Zr/27r6eMfEkWiaaNWit47aVFub8wRqDESVj+V8uSM4IVfVqsS+Br37LqGkWetxw+H9SmlkuLRrPdOglYtKkcwcBVYs33kYjc2D0xLeeEtZTWtUv/D/iGHTl1OKKGSKXT/P8kIhUPGfMXD89SGHA+U45TvbTf/gBpf8Ar5f8EIfG0+tvZxeENNh1CWewj1CU312bVIIpMiNSVjkYuSrcBcYUknpnOuvGOvX954YfQ9PtYo7y9uLW+tru72MssSSh48rE/AaMkMCCcAYAJI0Y/BM+i3FrceD9Si06SKwi0+WO9tTdRzRRZ8tiFkjYONzfNuwQxyDwQ5vBU1vZaONL1RYr3Tb2W9e4urbzVuZJRIJdyKyYyZWIweMDqK00vp/Wv+XzJe2n9afnf5HWUUUVIwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKhu1na1cWcixzDBUuMrwc4P16fjQBNUdxPHa2stxO2yKFC7tgnCgZJ49qr6Xf8A9pWC3Bj8ttzKyhtwBBI4PccdRUPiM48LaqfSym/9ANTJtRbQ1qwbxBYRrumNzCmQC8tnMirk45YqAPqa0gQQCDkHoRXC+JdVtx4k05LjUVjsLWGeXUIFdmMgJjjiXYgJZjI4wMZPOOeK6LwpNbXHhq2m0+5S5tHaRoJELY8vzG2r8wBBUYUg9CMVTp1Y2ctn18+wlKMk7GxRXjXiyDSW8Z+MptY8LR6qFtbONNSljh2acWjZQ7OT5sagkMXjVioUt2rtI7/X21ODwzo+oWX2vTdNgmv9R1C2e485n3KoWNZI+SY3YsW44GDkkC1X9f1/Wgf1+X+Z2NFeazazrGu6x4VmtIrK31RLjUbO4aTc8MTxAxu6qCGcEpkLuU/Ngtxmr3/CZazG7aFLHYN4gOq/2bHcCN1tWBg+0ecY9xYYi/g38sMbgDkG7sv62/zX9XA7yivNvFeueJrbw14o0qa/sYdTsNPS9i1CztpY1khfepATzS0cgaM/NvYYIOO1dD4nnuLD4e3EmrxafqswWNZkktCLebdIo5iZ2OMHoWPIz7UdLh1szqKK8/8AGnjm88N310dOu7G5i0+NHuNOj025uJQDyfMniOy2yv3fMUg4znHS7feLtRtZdV09YrY6omo29tp6lG2vFOFKyMN2TtxNnBGfKPSha/16f5htudnRXn+o+O7yx8WQ29veWOoWL6lHYSwWum3LGAuwT5rwMYRIrEExlQcHGc4J9AoWqv8A1/WobOwUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUF7ZxX9o1tcAmJyCwBxnBBx+lT0UAIiLHGqRqFVRgKBgAVW1Oy/tHSLyx8zyvtMDw79udu5SM479atVi6tetZfaZ2eQRwoXKoewXJxVKKle5MpcpBF4bulGoO9xp4nvLZ4TPDYvE+4jAZmWXcQPQFT0wwxWtpWnW+kaTa6fZxRQwW0SxokSlVAA7Akn8yT6k1iXGp31pA091ZX0UK43uZI22jOM4VyfyFWI7x5olkiuGdGGVZXJBFXD31yKX5/qRKXJq0WU8OWK6lq95IHmOrxxxXMUhBjKopUADGeQxzkmsmHwFDZxWZ03XdYsry1thZ/bo5IXlmgUkokgkjZG254bbuHPzcnMN94x0XTL77FqXiOws7vj/R7i+SOTnp8pbPNav2ib/nrJ/30apUH0f8AX9Mn2y2sU7jwHp72+lJZX2oafNpTSyW9zbSqZDJL/rHferByxLE7gQSx46YUeA9OGk/Zjd3zXv206h/avmKLr7TjHm5C7Pu/Jt27No27ccVO+oeXPFBJd7JZs+XG0uGfHJwM84qT7RN/z1k/76NP2Dvv/X9foHtl2IP+EKs5tK1a01O+vtRm1eD7PdXtwyLMYwCFVfLRUULuYjCjkknJJrK8ReHdUltRptrNq2rPfxwQTXd1PAtvbLHNvMjRrsO9gSPkQ52qDt61ufaJv+esn/fRqP8AtDF0LY3f78oZBF5vzFc43YznGSBmj2DvuL2ytsU9Z+H1lrMmqLJq2qW1pqxD3lnbSRrHJIEVA+ShcHCJwG2nbypBOdO48LaddeLLPxDL5hvLOAwxrkbDnOGIxncoeQA56SN68UrjXLW0juZLrVIYEtQDcNJcBRCD03kn5c+9WhcTEZEzkf7xoVF9Ht/ww3WXVGc3w9smuULatqn2OLUBqUNgJIxDFP5vmkghN7AsW+VmYDccYIBHW1h/aJv+esn/AH0aPtE3/PWT/vo0ewdrXF7ZN3sblFYf2ib/AJ6yf99GobnVI7JY2vL5bdZZFijMs20O7HCqMnkk9B1NHsH3H7ZdjoqKw/tE3/PWT/vo0faJv+esn/fRo9g+4e2XY3KKw/tE3/PWT/vo1swEm3jJOSVGSfpUTpuCLhUUx9FFFZGgUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFVtQx9gkLXX2TGCJsgBSCCM54xnjHerNR3FvFdQmK4QSRkglW6HByP1FAFbSLue901J7qMJIxIyqkK4zwwB5wR61jeKjjS9VPpayf8AouumrB1q2S9F3ayllSeMxsVPIDLg49+a0prmuvIyqOyT8zndc1G1u/GNk8a3F62iwTy3FpbQeY0jSGONE5IUfe3ZJwAuTgci94eurO/8P2t/pjObS8Mk8QeMRlQ0jHbgEjjpkHBxkcVOllKba7t7vUbq6iurd4CsscBC7hjcB5WCfZgVPcGrnyLBBDEgRIIliUAAcAYHCgAfQACuqMVo7arT5f8ADmMpLlaueY65d6ha+IPG32fT7a6sHtbVLySSRi8MZiYM4hC4lCqSxXepIGBkmtq2+13msReHNJ1u5sLLS9LtpftUCRSS3RfcqndIrrtAjycLklhyAOeoi0uzhvry8jgAnvgi3DFifMCghRgnA4J6VlnwRoItLS3htri3FlGYbeS2vZ4ZUjJz5fmI4cpn+EnAwOOBTUWr/wBd/wDMi6a/ry/yOWW71TXNS8Mo+oLbXkdzqNpLeRQrukERKb0VsqGOwHkEDnirA1/WUum8Of2kXuW1n+z11Ywx71i+z/aCSoATzAPkB27c4JXsemu/COh3lrY28tkUTTwRaGCaSFoMjBKsjAg475zyfU0o8J6KNE/sr7Fm180z5aVzL5u7d5vmk7/Mzzv3bvejld2/66fd1C6/P9fvOO8WNqa+H/FehXWtXV0ltpsd5FdmKFZSrmRWifbGEIzHkEKrYPXjNaVwus2Hjuwi0xYdXuF0eQSS6ldfZiw85OcxQsCe2AoroYfC2kQ6XeaebZ5oL5St0bmeSaSYEbcNI7FzgcDnjtip7PRLGxnhngSZpoYDbpLPcSSv5ZYMQWdiW5A5OT26U1F8yf8AWzX6ibTVv66f5M4l9T1iwbxffTx21jqEclkALaY3CKCFH3njXOQT/DxWrc32qReN2tdU1O/0y0uJRFpogtoXtrkeVkhnKMyShtxAYqpCrgN8wroLnQNNu/tv2i23/bjGbj94w37Mbeh4xgdMVGPDWmf21/ahjna53+YFe6laJX27d4iLeWGx/EFzyfWkovm8h3VmcP4fm1LTPDmmada6xdGbWNZurYXM0ULfZVSSd3ZAEALt5f8AEGALZxgbavatrGuaGms6bFqzXs9ullPbXtzBHvQTTmNkcIqqR8hIIUHDH0BrpD4P0Q2dzam0cwXNx9paP7TLiKXcW3xfN+6bcScx7eTmnw+FdIh0+azFvJLHPIkszz3MsssjIQVLSOxc4KjAJwMY6UcrsF1f+u/+Whz2qa1qvhWa+srnUpdSmubBX0uS5jiVmufM8sp8iKCN0sPbpmtrWbu+0q10OJLtpJZr+C2uJWRczKVO7jGBkjPAHtSanolxrHinTLm8htBp+lu1xC28vNLKV2gFSoCKM7uGbJC8DFQXvhuafxHDNa29rb2RvU1C6uPtDvNPMkexVEZXaowF+YN2+7k5oV7r1X3J/wCV/XQTtr6P77f8N6XZiX/iXUovEMF1pd1ql1pzaslhL5ltbJZLl/KdFJxOzK38Y3ISCOmcW7PxBqc2pWugyXn/ABMLfUrgXs2xMm1jHmKcYwNyywLkD+I455rZPgnQGvhdtZyM4uRdohupTFHMG3eYke7YjE5JKgZyc5yc6EejafFrFzqsdsovbqJYZpck70XOBjOO/XHOBnoKIqSX9eX6r7mOTTbt/W/6P70cXpHiTU5vFWkNFdapeaRrDTCOW+traGFwIzIrQquJgPlx+8ByDnPQn163/wCPaL/cH8q4Ww8FaDpt7bXdpaSiazLG1Ml1LILcMpUrGrMQikH7qgLwOOBjurf/AI9ov9wfyrGtpFI1pWcm0SUUUVzHSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFMmRpYJI45WhdlIWRACyH1GQRke4Iri7eXxs1xBoNwrqYpy1z4hVYtskGSyBIzwHONhG0hevOQaAO3rOv9e07TLgQXs7RybBJgRO3ykkZyAfQ1o1514yOojxReCK/tYIvsERRXhJYjdJwTu5OQ3YcEemTjWm6cOZGtKCnKzOs0rxXpOsfZRaTSCS6jDxxyQsp+7uwTjGQPetmvnnRvGHiXT9Pg10abbXOn6NL5LlptuV2SKwLchW+TGDzmSPCtvXP0DcmNbWUzyeVEEJdw23aMcnPb60qVSUotyHVhGMkoktFZWlXN/LMyyLJLZgfu7m4j8mVvbZjn6lU7YB61z3xBS8U296JLyfS7G3mmv7HTtSayuiPl2zIVZd4QB8ozqDuzyQBWvMrX/r+v621M0rux21FeSX1x4i8Ta3r66Vcx26aWkIsZp9fuLE26NAsi3EkKQssoLFv9YSPkK4GGJ15NJ1PX9W8VodZ1CC9tI4o7FbW+lihhma2UltqsAwLYOGyByQASTVPTclanolFeSan4y1XVPDmpeJ9HmktbeOGysEEszRRQPK6NcyscMAUWRV3lW2FX4PIqa+s/Euh6FrAkvxYQyCy8iKHXbjUZ4Xa4CtIJJo1ZVZeNuSp2ngZOT+v6+Qf1/Xoeq0VV06wi0uwjtIJLiVI84e6uHnkOTk5dyWPX146DirVABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVQvtD0rU5lm1HTbW6lVdoeaFXIGc4yR05P51fpHdUXLsFGQMk45JwP1pNJ7jTa2POZfgpozwXNtDr2v21pO5b7PFcxbYwfN+RS0RYLieUYzzvOc16PRVXVbp7HR7y7iCl7eB5VDDglVJGfype7BNju5MtVn6l4f0bWZreXWNJsb+S2O6B7q2SVojwcqWB29B09BWXqOs3+mT28D3dlcXVzuMFqlnIrTBcFwG3sBgHPIrb0++TUbGO5iV0DZBRxhkZSVZT7ggj8KSl71mrPcVtLoral4b0PWbuG61fRtPv7i3/1M11apK8fOflLAkc88VdjtoIZppoYI45ZyDK6oA0hAwCx74AA57VLRViK0OnWNvZyWkFnbxW0pdpIUiUI5ckuSoGDuJJPrk5qnY+F/D+mWctppuh6bZ20zq8sNvaRxo7KcqxUDBIIGCemKoR+M1u7x10rQ9W1Kyin8iTUbdIhArBtr4DyK8gU9SiMOCBkgiuko8wCiiigAooooAKKzjrMMsN+dNhm1Cewl8ma2gCq5k2q20GQqp+V1Od2PfNaI5HTHtQAUUVRbV4F8QpoxST7Q9q10GwNmxXVSM5znLDtR1sHS5eoqjaavBeavqGnRJIJtPMfmswG1t67ht5z065xV6gAoorJ1DxHaabqE1nPHM0kOnyagxRQQY0IBAyfvc8Dp70m0t/66ga1FQWV2l/p9veQhljuIllQMOQGGRn35qeqaadmJNNXQUVAbiUagtuLOYxGIuboFPLU5A2Ebt+49fu4wOueKnpDCiiigAooooAKKKKACiiigAooooAKKKKACqerPAmmSm7ge4iOFMSLlmJIAx75Iq5RQBS0iC6t9NjjvnLygk/M25lBOQC3cgd6h8SnHhPVj6WU3/oBrTpssUc8LxTIskcilXRxkMDwQR3FKSumhrRnC6qt/P4ottSksWSDS0dLaQTKfPlmZIx8vXADE4JGSOo61v8AhK5efS7iOWMpJDdyq+cclj5hOATj/WYxk9OtW08O6NEriDSrOAyLtZoIVjbGQeGUAgggEEHggHqKs2On22m25hs49iFizEsWZie5YkknoOT0AHaspqrOvGd7RStYqHs403G3vN3uUdVinku1/s2GcXoQYuFkEcQGTgPkEN34CsRn+HOa0GjnfT2iklXz2jKmSNSg3Y6gZJH51PRV8qaa7i5tUzgfA3inQ9E8KaT4b1jULfTtb06GOxm024cJO8qgLlE6yK5+ZWUENnr1rmNQGhTaV4gGtLbD4gG7uf7PD4F8GDn7J9mz8/l7fL5T5fv55317LRWjbb5nuStFb+vmeReKNFs7q3+Ieq39skuo6fbxTWszZJtZUtVcSRf3G3AfMMEgAHgUzxHpNjf2HxA1m8tkmv7K1huLSZ8k2sqWiuJI/wC427HzDBOADwK9goqRxdrX6fjseJeIYU1XxRrSeKtc0HSZ2SH+yX1XTnlnSIwriSzk89MP5u/IQF9wXOflFb4Hhz/hONVh+I0ljNqSTW66OdRUAvD5aYa2DfxmbzN2z5s7c/w16dRVJ2/r+tfMm2ljxy7sNA0218fW1jZ6dZ6oNRhcxxQpHN9nb7MQcABvLLljnpuz3rT1X/hFZPFfiJfiStj9o3oukDUAMm28lf8Aj13dZPN8zPl/PnZn+GvUKKm2iXlb/g+v/BH1fm7/ANf12PKtO8Ox6/qlpB43shfXUfhS2+0Q3nzjzS75ZlPBkGPvdQS2CM1H4Xh1DX7rwlMNdv8ATrlvCoeW4tVhd5T5kQ+bzo5B75ABz3r1miqTs7+v483/AMl+AS1X3fhb/I8rvHbw9H42/tKV9fUvYxSvqbRxJskUKWlMMaqI1DEt8vKgg+tc9BFato3i/TtOvNOl0130t430K1aztdzz7WeICRxn5VBdGxlfVTXutFJdQ7HkXiCxh0DVvE+m6DafYtLe0026voLEFMRG4kW5kCp3MKfMRyQPWkQeFR4m1k+CBYixPha53nTNv2UvvH3dnyb8Y3Y5+7ntXr1FS43VvX8U19yHfW/p+FvzseL62kVxqmkw+J9Q8P2Ojf2DbGxPiGwNxbPNz5u0maNFlA8vrltpO3A3Z3tC0Kyl8X6cNXmXW/7P8PWssF1cwnDOJZNs2xyxDgdCSWGTzk16VRVtty5l3b++/wDmSlaNvJL7rfnY89vvEFtNrt34g0uKTU7ZvCrXUEUW6NrhfMLADjcpP0yPSuU8PaVputeIL7R9IudA+xaroE3mDw9aGO3jlEkezc+9lllTefm2qwBGQNwA9X07w+ljrF3qk99d395cqIxJcmMCCIMWEaBFUBck8kFjxknArWqUkl9/483+f3ob1f3fhb/L8TyQa4+q+GtX8XavpcU6iC30j7PduUhj+dRdPIwBIjEjkPxyIOeK0fhcbeHxJ4jtdLutLuNPEdpNEdFszbWZdhIGaNPMdTnYoLKcErjqDXpVFVf+v689RNf1/XloFFFFIYUUUUAFFFFABRRRQAUUUUAFR3FxFawmW4cRxggFm6DJwP1NSVW1CR47CQxWv2tjhRDnG7JA59uaALNUtZuJLTQb+5gbZLDbSSI2AcMFJB5o0ixbTtNS2dwxUlsKPlTJztHfAz3qHxKceE9XPpYzf+gGonfldhx3MfVdQutN1CxsLfU72e+vvMNukkUHlnywGYOQqkcHsa6DS71tQ05Lh4vJk3Okkec7XRirDPcZU15V4y8QyQata6va6lpciWgmhtDBOXeIyREebIoVuFKgYAwcjJFdh8PNWur+xvLW4gkeK1nkaO/YEC6LzSlh9xVypGDtyMnt0qZezjVUYtu616rcyjVu3CS9DrhIhkMYZS6gErnkA5wcfgfypWO1ST0AzwKy9Wsp7+eNLeCKJ0XK3zsQ0RJ6IFIY9OQWUcj73IrRiRobdVeR52VeXYKGc/gAP0FXd6mtjnfDniTV/EUdnqUOjWsWh3ql4bg6gTcBMHazQ+VtGcDgSEjI9wNaDxBo1zrE2k22rWM2pQAtLZR3KNNGBjlkB3DqOo7iuEsNjeKrGbwLY65pa3jyPq1neWE9tZopjJ8wLKoQS+Zs/wBUfmyxbI+YUfBOhSR/2Bp+t3nij+0tIlaR7abTYktEmCOryC5W3G9X3MRiVmbeN3O7Ff1/Xp/VhPS56NaeJtCv74WVjrWnXN2QCLeG7R5CCu4HaDn7oz9Oafd+ING0+0nur/VrG2t7aXyZ5prlESKTj5GJOFbkcHnkVwtppF3pPwp0G9s9Ln/tLRZUvTZpCwmkyWWZduMljG74Hc4qleeH9X0pvDGoXlzq1siJdzahLo9ol3LBeXDK+4xtFISv+sj3KhIyOgJo/r+vxXqP+v6/Bnolx4k0O00+G+uta0+Cznj82K4kukWOROPmVicEfMvI9R61m634yh0bxRpmkm1aeO7K/ablXwtoJGKQlhjnfICo5GKwNE8PRW+ueGJ7WHU7q1RtRuWn1K1EUkckrKdzIqII9xLEAqp5PGc1Uk8NeKfFNt4kvYr6z0yPVpjFbw32lStcRRwErCwbzk25YGQZQ4L556Ur2ev9eXqLdf1953+pa9o+jKzaxqtjYKqh2N1cpFhScAncRwTxn1pbjXdItLKK8utUsoLaaIzRzyXCKjoBkuGJwVwQc9MGvPrXX1PjjR9b17QtQS6bw9iUR6fJNNaSmbDjy0UuASCNwXGMZ4NUreD+xJ/Btxq+i3Pli+1K9iso7czS2MchZ4/3SgtlVdQVQEqScDin9m/9btf8EXX7vyv/AMA9VsNQstVsY73S7uC9tZQTHPbyrIj4ODhlJB5BFZv/AAk+nWOiQ6l4h1PSNNhmkZEm/tBWgc5OAsjhASQMkY4ORzjNYnhW4mtL7Ub06RqMFpr2sM1rEbZkMKCBQ00qNgxB3iY8jOXXIyeOe0291G28K+GI7dr60sJI7rz9Q03TDe3MbiT5I1GyQIrfNlmQj5QMqSDQ+nn/AMPb9Br+v6/r7j02DUrG6kijtr23meaEXEaxyqxeI8CQAHleRz05qjd+LfDmnxwSX/iDS7VLhmWFpr2NBKVO1gpJ5IPBx0Nec2Gm+INE8C6JqWl6XeHV7aa+smtZogJFjnlfYzqg2gLIsLEqNoXcRxV7XLHUNJji8OWi6nDp0OjJBby6Zpa3Mt/N86tFLK8ckcaY2n5wuS5O/AIpSdk/67v8rfeOKvv/AF0/ryPT+tFYvgyGe38C6FDeRyRTx6dAkkcqlWRhGoIIPIIPatqrkuWTREXzRTCiiipKCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqG7uUs7Zp5QxRMbti5IGcZx6DqfYUATUUyGaO4iWWCRZI26OjZB/GqeuyvB4c1KWJ2R47SVlZTgqQhIINKT5U2NK7sXJoYrmCSC4jSWKVSkkbqGV1IwQQeoI7Uyzs7XT7VLWwtobW3jzsihjCIuTk4A4HJJrk9ZlFlrGl6XYyXqXOo+aY7h7+VliMahuVYkNkcc10mj3c17paS3IQTK8kUmz7pZHZCR7Hbn8an3lK0luri916pl6ioWu4EvFtXlVZ3XciMcFx3x64746cZ61KxwpIBOB0HequrXAWiuQ8H63rvie1ttaN5pK6dOziXT4raQ3FqRkbGm8zBdTjcvlr3HbJ07Xxjod7q66bb3UjTSO8cUjWsqwzOmdyxzFRHIww2QrE/K3ocMDcorn9M8caBrF3b2+n3c0rXTFYJDZzJFKwUuVWRkCEgKcgHIxg88VLc+L9FtYpHe5lkKXTWnlwWss0kkqjLKiIpZ9o6lQQMHJ4NAG3RXPy+OfD8VnZXP2yWRb7f8AZo4bSaSWQoQrr5aoXDKTgqRuGDkcHFK31fxD4muLyXw1Ppmn6ba3D2qXF9aSXT3bodrkKskYRVYMoJLFiCcKAMgdLnSf2da/2t/aflf6Z5H2fzNx/wBXu3YxnHXvjNE+nWtzqFrezRbriz3+Q+4jZvGG4zg5A71lafq+ot4oGj6ilrvj0qG6laANjzmdlYKSfufLxkZ96yLrxjqEF5NEkNsVj8SQaSCVbPlPHGxb733sucHp04oWtkv69635sT0u3/Wl/wAkdVqemwatYPZ3bXCxSY3G2upLd+Dnh42Vh+B5qSys7bTrGGzsYUgtrdBHFFGMKigYAAqre3xg1nTbNbyGE3RkJhkt3dpgq5IVwwCEZBJYHI4GOtUoPGuhz372az3KTKkjp51jPGs6x/fMTMgWXA5+QtxyOKV0h7m9RWWPEektFp8i3YKalCZ7VgjYeMJvLnj5QFI5bHUDqcVHo/ivSddu5LSwkuUuY4xMYLuymtXaMnAdVlRSy5GMjIp2d7CurXNiiiigYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVe+N0LN/sCxtOSAok+7yRkn6DJqxRQBV02wXTrJbdXL8lmYjAJJycDoB7CoPEMck3hjVI4EaSR7OZURBlmJQ4AA6mtGik1dWBaHn93FNc6rLqjXF1iCLZbrPpkkK2yPJGJX8xgOdgbkEELnkYJrf8GSSPpFwGkEsK3T+RKoO11OGJBJO75y/OTzn0roaKxnTlOuqzlsrW6GkZRjSdNLd3uZ2p6fPqY+zNJFFaEAsfLDyFs5G3d8q4wOcMeeMYBq7FELe3WOLcwRcL5khYn6sck/U1JRW3KiLnnq6VqWseMNO1e18LXXhi8w/9q30lxbkXURiKiLEMjGVg5Qqzqu0IcEZ2mp4M8Gy6SdH0/VtA1h59JOBqMmuvLZMUVlWWOAzkgsD90xKF3NzwM+m0U/QT1OCTw5q9p8LdIt7SzX+3dHaO6gt/MQbpFY7k3Z2jcjOuc4+as++8DX1knhu7+zX+qmxt7iO/g0zUmsp3mnZZHmRhLGG/eKQVLjhs8lQK9Noo/r9PyHc4jR/DUlprHh+7tNIuLC2gW+kuI7u9+0zRySlMF3Z3LM2CThmA6Zqq+i3Wk6fqPh++8It4n0ee6lu7Romtn2mV2kKSxzugBV2O1l3ZGOhHPoNFJq6sC0PP9I0TWvCMeg3UWlSasYNDh0u9trKaJXjePDK6+ayKy5Lg/MD93APOGt4a1q5tLe8nsliurvxNDqs9qJVJtYVCoAzZwzBUUkKSMkgZAyfQqKq/vc3nf8AHm/Mlq6t/W1vyOLu7q9u/G/hwXlktldI2o7ITMJcxKAqSkr0DAqcdtwB5rD0Pw94ll8TeHNQ1qw1RrqyllbVLy91RXhldoHQNBbpIUVMnGdiMAVyDliPRLfSNNtNRudQtdPtYL27x9ouY4FWSbHTewGWx71cpLTUb1ujzrSvCviPTY9bNr5UE9hZz2Hhx2ZWAR2aQMRzjH7mPDD/AJZZwQaf4U0HVYfHMOrXWmata2w0uW3lk1bVRdSvO0kbEhFldI1IUkbMDg5VcLn0KihaNP8Arrf7739Ql739en+QUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVDdzvb2rSxwtOVwSidSM84+gycd6mqC9juJbRksphBMxGJCudoyM8fTNAC2l3DfWqXFq++J84bBHQ4PB9xVTxEceF9VPpZzf+gGrVlZxWNsIYM4yWZmOWdj1JPcmq+u28154d1G2tk3zTWssca5A3MUIAyeOpqJq8Whx0Zyuuw2cPiDRtJstPsrcaj55a5jgCywmNQ6lSMY54rqdCuJrnSUa6k82WOWWFpNuN+yRkBx6kLmvOvGOga5fLLqNjpmryTKkiyQyXFuQsDRsHSIAudzcdASeQMcV0fw5s9VtNLuDexm106SRjY2UkeySD97IXJXy1KhsqVBLYHepl7NVUqcemr6bmUak+ZxkdRc6jb2c6x3ZaFXA2zOMRk5xtLdAenBxnPGeastnadoyccAmql5p7X0m2a6lS1K4aCE7N577nHzY6cKR3zkHFWIoI7e3WG1jSJEXaiKuFX8BV663NdDiPBOq3uuXAn1LxNOurW+46l4deCCNbUkEBQpjEwUZUhy7BuoyDxrWXjizvr60jXTtQisb+RorLU5Ej+z3TgFsLhy4BCsQWRQ2OCcrnOk8P+IfEGu6Ne+IrLRtPOmGRmutPu5J5pw8ZRogHiTy42Lbj8zfcUf7QpeD/h5/wjN1YQP4Z8KlNPBWPWoYsXsqgEISnlDa5BG5vMbODx83Ff1/X6X/ABE+tjZ0jx9Z6vJpxj0rU7a11OQw2l5cJEscjhGcrgSFh9xhkrgkcEjmpX8b2jZjsNPv9QuXupraC2txHvuPJIEsil3VQisdpLMvPAzkZonwjqUfwzsdGtp7ZNY07ypracs3lCaN9wycZ2nlTxnDHis/VPhqjW3h54NP0nXJdJtpLaa01pP3Vz5m1nlDbH2Sb13Z2HIZhxnNHr/X9Pf1H6f1/X53Nk+P7No7BbXS9Tury+aeNLKKOMSxyQsFkRyzhFIyed20gcE5Gcz+2rjWbS+1y+8WHwrodveS2ds0YtkMhjcxs8slwjjl1YKqhcDqWJ40dL8KzWWoaFdRafpOlRWMV2JrPTQViRpSm3Z8i7uF5YhcnnHao4tG8R+Hnv7Tw5b6XqGl3c0lxFFe3clrJavIxaRcrFIJFLsWHCkZI54NJ/1/X9fkC2/rbX/gFjRdWurjxTHYnVI9Ss/7Et7lbiJECTyM7qZQV7MFBwDj0rIvPE2rxX08cd3hU8V2+nKPLTi3aKNmTp3LHnrz1qxZeFNa8Nx6JPoRsb+5stJj0u6hu53t0mVMFZFdUkIIO7gqch+oxyf8IZqktlbS3VxanUJdfi1i9CFvLQLgeXGcZbCqoBIG4gk7c4FLSS9f/b0//Sfw0Ilfldv691r8/wDMfp8mteMnvtQs/EF1ounQ3U1pZxWVvAzy+U5jeSVpkfq6ttVQuAOSSeNPWfFZ8PEm/wBI1K4s4EQ3WpwRxeRDk4LFTIJCB1OxWwPoao2mkeJfDNxe23h2HS9Q0u5uJLqFL67ktpLV5GLyL8kUgkXcxYfdIyRzwawPFvw71fxFc6z5ltol+98ifY7/AFF5Gk07EagxwxFGCBmUtvVwcvkhtoyo9P6/r8uxT3f9eh0eq/ECx0m+1K3fS9UuY9J8tr+5giQxW8bqGEhLOCwAJyFDMME4xgm5P4xsLey1Od4Lktpt4lm8AVfMlkfZ5ewbsEN5qYyR15xWbq3hG/v9L8Z20Mtur69AI7YszYQ/ZxH8/wAvHI7Z4/KifwZczeNNP1P7REunRxRSXdvk7pbiEOsTAYxj94SeQcxx+9Ed9f6/q33sHtf+v61/A0bvxYthrEVpe6NqcFpNcrax6kyReQ0rcKMCTzAC3yhigXOOcEGpNJ8UJrOpzQWelah9jjklhGpOsYgkkjbY6gb/ADBhgwyyAHacE8Z464+Heq3WuJd3Fros80OspqC6xcSSS3jwCbeIFDJ+5Cr8oCuVO37o3EjSTw54gs/EGo61p0GjaTM0E/EN3M0GoSk5jluItiqjLjl1LMckbsChbXfn+S/4INe9Zf1q/wDgf1tvDWBHq2uLF/aN7JYJDmySOLbuZSwER4YlsjO9sDA6DJqpH46tV81NQ0vUtOube6t7ee3uViLRCdtscpZJGQoW4yrEgg5Fc6ltP4xj8VT+HL+CWK6msljuoLl0guvKVTLEs0eSFYZQsucZI5IIqfSvh1LFb+JopbDRtGg1qzhhhtdIUhLaRBJ85OxNzZZWDbQeMY+XJNrt/wBf8P8A10De1jqJ/E6Lcalb2Gl3+pTafLFDIlqsfzyOofapd1A2qVJLFR8wwSeKn0HXYdetJ5Y7a5s5radre5tbpVEkMi4O07SynIKkFSQQRzXKXHgrWJPCVjbTtZahfNqDX+rWs1xJFbagXDAxM6oSY13JgMhDCNQRWt4E8MT+F7LU4Z4NOtUvL9rqK201CkMCGNF2AYHQqeQBnrgZwGlun/T0/wCCJ9Lf1v8A8D7zqaKKKQwooooAKKKKACiiigAooooAKKZNI0UEkiRPMyKWEceNzkdhkgZPuQK5uHx7plxpdrcQwXbXd1cNax6ZsUXQkVsOrJuwu0DcSSAFwe4oA6eiiuA8Ya99l8RT2yT6lH5NpG2LZZVUMS5zkDB4xyM9COxrOpU9nHmNKcOd2O/oryzwhrbRX/h60MuqrHJCqmOZZmRgYiFIBGNuQPm6cZzXf+ItZ/sDSBfeR9o/0m3g2b9v+tmSPOcHpvzjvjHHWlSqKqtO9h1KbptI1KK4jxv4t1XTdP8AEdtoNtCt5pemxXi3M0+0ASGUHC+WwJXysgHg7u2OXanqt35l9Fe27WepxeH5rkvaajK8KHcQAqlUBbgHeVDDkDjrcpcqv6/gm/0M0vet6fjb/M7WiuJsfFt99t0jQ7Gztry7fS7e8uHvdQ8iSRG+UmJdjGVhtJbJUDK8/Nx21aSjZ2Ji7r+uuoUUUVIwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKz10DSU1t9YXTrYak6hWuvKHmYAI69uDjPcYHYVoUUAFc1r/hm+1XVGu7LU47RZLZYHR7cyZ2s5yDuH9/8ASuloqZQjNWkVGTi7o4ay8L6lavptvJDuML2sjzxz/uUEccasu0kEnMbYO09VyRzjpfEmif8ACQ6BPpwuWtZHZJIZ1QN5ckbrIjFT94BlXI4yMjI61qVHcTx2trLcTtsihQu7YJwoGSePasaVCFFylHq7mk6sqlk+hx8vgS+1CPxE+ta6s9zrmnx2TNbWflR22zzcMil2JH7zJDMTkHnBAW9J4Wu7yae51LUoZLq40l9NkaC0MaZZifMCmRiODjbk9OvatRvEFhGu6Y3MKZALy2cyKuTjlioA+prSBBAIOQehFa80Kml7/wDDNfqzOzTu/wCtv8kcfqngm71W30ywuNTtG0yxFuwR9PzcJLCR+8im8weWTgD7rEDODzXYUUVo23uQkkrIKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACobtZ2tXFnIscwwVLjK8HOD9en41NUF7ZxX9o1tcAmJyCwBxnBBx+lAEWl3/APaVgtwY/LbcysobcAQSOD3HHUVD4jOPC2qn0spv/QDWiiLHGqRqFVRgKBgAVW1Oy/tHSLyx8zyvtMDw79udu5SM479amSvFoa0ZyOvX32rxfpFmlzvtIoriTUIEl6rhVj3KDkneQAOuTxXQ+F3RtDCRE7Yp5kVGJyi+Y2xSDyPkK8Htis9/C1y/2mSWTTJZZtjMUsDE0pR1YK772yp246HGc84wdHw7pMmkWM6TiFHnnaYxwcpHkBcA4Gfu56Dr+JyqTm8RHlj7vK7vre5UIxVKTb1vsc0vhnQfEHxJ8RPr2iadqbQ21kI2vLRJigIkyAWBx07VTsNWn8M6Xr2mQatDBBp+rraadNqKTXjBHhjl8hEVhJOwLMqqGzjHXbg9LfeEpLjXbrVLDxFq2lS3kccc8dotsyOEztP72FyD8x6EUk/gjTjpdnZ6bcXmmPY3TXcF3byiSYSsGDuzTBw5YSOCXDdfpW60/rzX/B+8j+vwZx954p8R674Wiksb2DT7yz8Q29hNM2nXEP2hWkiKnyXkSSMESAMjFtwBAIBBq1rPxA1m31XU7PSIPtMmjBIpkj0G9uRfT+WsjIkkWVgGGAG7zDk5IwAW6BfAFgujXtgNR1LzLy/TUmvGlRpkuEKEOuU24zGDtKleSAAMASTeDA2ozXtjr2radLdoi332VoQt2yLtDsGjOxyvBaPYeB6DDW1v62X6p9OqF1v/AFu/0t+JzfiTwr4b1H4g+FLi78NaYz6i11JdiexjLTHyMjzMr8xB9c4NXNU1t/Dw8Vz6LpGmJc6ZHZRQYh8szKwAVHZf4V3EL/dB6V1l7oltfa1pmpzPKJtMMphVWG1vMTYd2Rk8dMEVTv8AwlYaj/a3nS3C/wBqmEz7GUbfKxt28cdOc5/CpfkCv1Ofm1jxumt6no0c+gGe0sU1CO7azm2MrGRRCY/NyDmMnzA3T+DnipefEi8vJbC30aI2k02lwalPI2jXepqvnA7Ittvjb91iXY9hhTzjtm0O2fWrvVC8vn3dmlm65G0IjOwI4znMjd8cDisgeBLa3XT20fV9T0q5srFLD7TatCzTwp91ZFkjdCQckMFBG5sHBIp9P68/+B/wdb099P62/wDtv625vVIJ9XbTvFHibwg+taXLpqLPpEsIll02bLM8qwSgb8ghTgCQBRhTkgT6h46SG6s9I8GsqWkWmw3aXK6LeaihjfcsUYSDBThCdzH0ABOcdNe+F7q5ZPsvirXLBBbJbukDwOJNufnJlichznkqRnA9KrnwHY2zWT+H7+/0GWztFslksWjbzIVOVRxMkitg5IbG75m55ND8v63/AOBb5+gvPr/w36X/AK1M6y8TeJ9c1OytLG1s9JeTSor+4TULaV3jdndTFt3RkfdGCQCMcqc4EQ8a3mp6PaeVaWjyNo1ze6pDNGWWN4x5fk43d5Q45zxGw966uz0GCz1YaiJ7ia4FlHZFpnDbkRiwYnGSxLHJz+FUrTwXpdk2utbmYNrhY3BLD92GDZVOOBud3wc/M7H2qZJuLS8/1t+a+4cbKSfp+l/1+8x7LWdWv57LQ/CiaVpn2XSbe8uHntHkhjEoIjhjiSRMD5HOd2AAowc8Z2tfEHWINV1O00i282TR9kc0KaJe3YvZzGsjRpLCNsIwwALBzk5IAA3dLc+C4HntbnTNW1LSbu3tFsmuLNoi08K/dV1kjdCQckMFBG44OCRRceDEbU573Ttb1bS3u1RbxLSSIrdFF2h28yNir7cAshUkAc5AI0k05Nr+tf8AL+urmOiV/L9L/j/XZfEl6gtdCabT7ecXWp26+Xew7zCTlgwH8LqQMHsawtR8d3lj4sht7e8sdQsH1KOwlgttNuWMBdgnzXgJhEisQTGVBwcZzgnQ1XRtQufE9pDbQ6hLaf2jFqU15dXMbQQCOMp5MSbt4JIBIK7fmY7s8U9vh7ZNcoW1bVPscWoDUobASRiGKfzfNJBCb2BYt8rMwG44wQCJjvd7X/D3f+CEr2st7fjr/wAAitPF2o3MthprR2o1V9Wns7tQjbI4YdzmQDdkbozFjJODKOO1UdJ8d3l14xsLA3djqen6lJNHFNZabcxRxFFZxtumLRXHCMp2bTnnHBA6aDwrpsHiu98QKJDeXsAgkUsNigAAsoxkMwRATnkRr0xWdpfw/s9MvNKm/tbVLqPRtw0+3nkj8uBDGY9mFRSwCkYLlmG0fNyckfP+v63+/wCbl1t/X9bfI6uiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA//Z)

Project structure

I chose as the design of a robot a shape of arrow carved out from a square with the length of the side randomly generated, being constraint by a minimum and a maximum length specified by 2 of Robot class states(Robot.ROBOT\_MIN\_SIZE and Robot.ROBOT\_MAX\_SIZE).

For helping the robot carrying info about his previous positions, I create RobotHistory class (RobotHistory.java). Each robot will have an array of RobotHistory objects and the capacity of the array is indicated by Robot.POSITIONS\_HISTORY\_ARRAY\_MAX\_CAPACITY. The user can choose how many previous positions to be shown on server side in [Robot.POSITIONS\_HISTORY\_ARRAY\_MIN\_CAPACITY, Robot.POSITIONS\_HISTORY\_ARRAY\_MAX\_CAPACITY ] range.

![Diagram, shape, polygon

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAGAAAISodpAAQAAAABAAAIUJydAAEAAAAMAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERlbmlzAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM2MQAAkpIAAgAAAAM2MQAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDoxMjoxNyAwODo0MTo0NwAyMDIwOjEyOjE3IDA4OjQxOjQ3AAAARABlAG4AaQBzAAAA/+ELGGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjAtMTItMTdUMDg6NDE6NDcuNjA3PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRlbmlzPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAm4D+wMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APpGiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiuUv/GF9H40bw3pWifbZ0t1uHnkuvKjVSccnaef51FN401G5utR/4R3QBqVppsjQ3E8l55JaRfvrGuxt2OnJHORSurX/AK0DrY68uqsFLAM3QE8mlry/WvE6at4i8D6zolnLeG5a6EVuSEIfyyCGPO0Ag5OD9DW7H8RIrbT9VfXNOeyv9LkWOW0hl87zC/3NjYXO76Cn3Fe52dFcgvjLU7HVLGy8SaCmnf2iSlrLDe+epkxnY/yLtJ9ee9UfAXiPxPrOt67BrNnb/ZLW/eFJVugWhARSECiMbhzncTnmmld2/r+tRvRf1/XQ72iuB+LN4LTSdH867urW1l1SCO5a1mkjdoyw3DMZDdPSqfhDUIV8Yam/h3UL248L21oDcG9nlmMdyMkhTKTIPl25B49KS1/rsr/15g9P687HpVJvUuVDDcBkjPNcNL8Q7+HRz4gbw43/AAjytk3f2v8AfiPOPM8nZ0zz97pz7VRfV72L4qahJoWmf2lJNpcTqHn8mMLkHl9rc+gxR1/rtcP6/Gx6RRXFw/EaG80HT7mx02WbU7+eS1TT2kC7Jo2KyBnwcKpB+bHPHHNPj8Zai15f6PeaMllrcNm13bQi83wzoCASJNgwQSMjb3FJuyb/AK7jSu/69DsaK434Y67r3iDwdaXviG3hDyR5W5ScM03PUoEUL+Gava34qubLxDBoejaWNS1B7c3MivceSkcecA7trZJIOBjt1qpLldiU7q50aur52MGwcHBzg0teReF/F8nhnwff6hJpM1xNd+InthaLIA6u+0DnBB5rtdR8Tatpmm28t1o9nDdTE7kn1RY4UH/XUpy3tt/Gpvpf0/FJ/qPrb1/Nr9DqKK4ay+JkF3odtqR0/CHUjp12I7gSLbuCQGDAfOpwOeOtacXja1bxJqulzQNDHp1u0/2ln+WUJjzBjHG3cn503p/Xlf8AIN/687fmdIZEDhCyhj0XPJp1cFa+ILHVvEvhrUL3Qmh1G8sppYJTckm3TBJUqAA2R7cUy0+Jl3Pp1nq1x4de20i4u/sjXLXYLq29lDBAvK5XrkH2p21t1/4NhXR6BRXCeIviLd6Smtz6XoSaha6Go+2SSXogbJGcIuxt3HfIrFvLuy1nxpu8UahPpULaQk8dvDrE0CI5I6FGTeceo/Cpv1/rZv8AQe39ei/U9VoJCqSxwBySe1ea+FPGWpWfgXSVv4LjVdVvrmaCwWYiJriJJGCSO2OBs2knGTketa58WG6fVdC8TaN9ju00+S6+zx3Xmx3MAGGCybVIPIB44zTl7t/68wjr/XnY7JWV1DIQynoQc5pa8/0zxiLLSvDem+G/DjSDUbMyW0Bu8LAqjozkE498H6VS8SfEDWZPAV7f6JYpZ6nY3/2O7je4DCFg4HykoQ4YEc4GM03o7f1vb8xRd1f+trnptFUtIuL650uKXVbWO0uWHzRRT+ao9921f5VdoaswTurhRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGDbaFcQ+Or3W2kjNvcWiQKgJ3gg5yeMY/GsO38M+J/D82q23hybTZ9P1K5kula9lkSS1eQkuAFRg4ySRkjrj3ruqKVl/Xm7j/r9DgJfAOp6cnhtvD99amXRDNJJ9qVgLlpAcj5QdoJY8849DUc/wAO9R1iy1e61i+t7bWNQuIp4mtNzxW/lHMYywBbpzwK9Dop9biWhxo0HxHrusaXc+Kf7MtrfTJPPSKwmklM8uMAsXRdoHPAz1qTRfD+t6FrWvNatYSWWpTNdQyPI/mxylAoUptwVyM53Z9q66ij+v6+5B/X9fezj9U8N67rmk6AuqXNidQsL+G6unhDCNwjAkIMZ7d6ku/CE8njK71K0mii0/VLE22oQ5IZnGQsi4GM4ODk9hXWUUOz/H8VYP6/G554PCHip/Cv/CIzXWmHRyvkNfiST7SYM52+Xs27iPlzv6c+1Xbjwx4g0/xZNrHh2XTnieyS0FreO6Z2/wAW5VbGPTBz7V21FD11f9dAPOrf4dalpmmaTdadf2765Y3M93KZdywTvO26RcgEquehwTx0rZ0zw5qt14kn17xK9nHcmzayt7aydpEiRiGZi7KpJJVeMcY966yij+vwt+Qf1+N/zOI0HQPFvh7wS2i2EukLdWvy2Vw7yOrrnrIu0YOPQmrOr+HtbXxdb+ItBksXuTZfY7qG7d0QgMWDqVVjkFm4IGeOa66ijVu7/roHSx53Y/D7V4dGhtru9s5bhdeXVJJEDKpQYyoGOvH0960/FfhbU9T8SWGr6dHp18ltC8TWOpsyxZb+MbVb5h7j8a7Gilayt/WyX5IOt/63b/Nnn2jfDy9tPBet6RqE9l9o1G8e7ia1QrHExwVGMcYI7dqp3vw31u78N6Zbm/sxqXmSJqk2XCzQSjEirxnOFTGcdK9Nop/8D8A/4L+85e98LTTeLNG1K1khS1061lgaM5DHcuBjjFZTeA9Qb4dWPh8XNt9ptr0XDSZbYV81nwOM5w3pXe0Uf1+NxWR4JqNrpk3ijxRqGo65pmnXkN3vh0/VISZbjYgKbV81d6lhgYVvx6V6HoOgSa7q1t4n17TLWMXOmRx/Yp4tzwvkE8MvA/Wu0e3hkfe8MbN/eKgmuKvfjJ4G07xVLoF7rcUF1DkSSOMQoQOVL9M9sUR0SXb/ACt+I5as0vFPhu91G90rVNCmgh1DSWbyop8rDKjABkYqCV6DBANU4/C2salqeoavr8llFey6dJYWtvaO8kUSvgli7KpJJC/w8Ad66HTPEejazYxXmlapaXVtMSI5IpgQ2Dg4/EEVpUrXVvX8dGO/9empxeheDL7S7zw3LPcW7jSbF7aYIW+diMZXI6fXFU7j4fX8/h/xNY/arYS6rqX262bLbVA2EK/HH3e2a9AopvV3/re/5olKyt/W1vyKeki/GmQrq8dtHdquHW1kZ0/Asqn9KuUUU27glZWCiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKK4/wCInxM0X4a6ba3etx3M7XchSGG2QFmwAWOSQABkdT34rzz/AIat8If9AXW/+/cP/wAcoA9zorwz/hq3wh/0Bdb/AO/cP/xyj/hq3wh/0Bdb/wC/cP8A8coA9zorwz/hq3wh/wBAXW/+/cP/AMco/wCGrfCH/QF1v/v3D/8AHKAPc6K8M/4at8If9AXW/wDv3D/8co/4at8If9AXW/8Av3D/APHKAPc6K8M/4at8If8AQF1v/v3D/wDHKP8Ahq3wh/0Bdb/79w//ABygD3OivDP+GrfCH/QF1v8A79w//HKP+GrfCH/QF1v/AL9w/wDxygD3OivDP+GrfCH/AEBdb/79w/8Axyj/AIat8If9AXW/+/cP/wAcoA9zorwz/hq3wh/0Bdb/AO/cP/xyj/hq3wh/0Bdb/wC/cP8A8coA9zr4N8FeCX+IPxGfQI75bBpmmk89ovMA25OMZH869/8A+GrfCH/QF1v/AL9w/wDxyvKv2eJRP8draVQQskVywB90JoAu65+zP410Wae50O5tdTit9rwtE5hnkPH3UOQCD/tds1S/tb44+Avkll12P7ZyPPQXudvoWD7fve2ffFfZFFAHyxpX7VviKC9Qa5oOnXFsqkOtsZIZC2ODuZmA56/L+Veg+H/2nPBuqLbR6vDeaRcSsRJvUSQxcnBLjBOQB/D3x716HrPw+8JeIIkj1fw/YzrGxdcRBMH1yuM157q/7MXgm+jum06a/wBPuJmLRssgeOEk5wEIGQOgGaAPQ9J+IHhLW7M3Wm+IdPlhDlNzTCM5Hs2D3rogQwBByDyCO9fLGvfsp67bPK/h3WrO+hSEsqXIaGWRxn5QACvPABLDrziuZOhfGvwDeAW1vrySXEeM2hN4u0HoSm8L9ODQB9m0V8laR+0z400S7Fr4i061vxbIYJIpEaCbzF4Jc8/NkHIwOfSu50H9qzQrlIk8RaLeWMzzBWe2KzRRocfMSSG45JAU9OM0Ae+UVxuifFzwH4gjkfT/ABPYIEcIVu5PszEn0Eu0n6iuyoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD53/a1/5BPhj/rvcf8AoMdWPhj8DfA/if4aaLrOr2NzJe3cLPKyXTqCQ7DoDgcAVX/a1/5BPhj/AK73H/oMdel/BD/kivhv/r3b/wBGNQBj/wDDN3w5/wCgbd/+Bsn+NH/DN3w5/wCgbd/+Bsn+Neq0UAeVf8M3fDn/AKBt3/4Gyf40f8M3fDn/AKBt3/4Gyf416rRQB5V/wzd8Of8AoG3f/gbJ/jR/wzd8Of8AoG3f/gbJ/jXqtFAHlX/DN3w5/wCgbd/+Bsn+NH/DN3w5/wCgbd/+Bsn+Neq0UAeVf8M3fDn/AKBt3/4Gyf40f8M3fDn/AKBt3/4Gyf416rRQB5V/wzd8Of8AoG3f/gbJ/jR/wzd8Of8AoG3f/gbJ/jXqtFAHlX/DN3w5/wCgbd/+Bsn+NH/DN3w5/wCgbd/+Bsn+Neq0UAeVf8M3fDn/AKBt3/4Gyf41s+Ffgz4N8Ga/HrOg2VxFexIyKz3LuAGGDwTjpXeUUAFFFFABRRRQAUUUUAZmr+G9F1+0NrrWlWl9AXEhjnhDDcO/Pfk1wOr/ALO/w/1SS6mj02WymnU7TbTMqRNjAKp04646V6jRQB8161+ye4kQ+HvEY2BTvF7F8xbtjb2+tcS/ws+Lvgm6ivdKt78XEqtH5ml3JkZV4yG2ngHj8q+yqKAPkKx+OPxP8GXiWXiGJ7pLHKTQahbkOxI43yY3ZyQevoK7PSf2sbQ2aDW/Dkwudx3G0lHlgZ4+9z0r6DvrCz1Oze01K1gu7aTG+G4jEiNg5GVPB5ANcL4h+BvgDxEbiSbQY7K5mj2CexdofL4wGVAdmfqpz3zQBHo3x4+HustKqa6ln5QBJvkMIbOfu569K7y21KyvEja0u4JhKoZNkgO4EZyPwrwXWf2TtJlWL/hH/Ed7bMCfNN9Ek4YcY27dmO/XNefX/wCz/wDEnwrcJf6HtuZklKRSaZdFJlUgjdzt2gjg4J64oA+xKK+KrX4t/E/wBqg0nUtTuS1lNmWy1KNZS/OSrORvKn2b6Gu60j9rK+jtXGv+GLe5n35RrK4aFQuBwQwck5zzn04oA+m6KwPBXjHTfHXheDW9HZvJkJSSNx80UgxuQ/TI5rxaf9rK2guJIv8AhEJj5blc/wBoDnBx/wA86APoiivnT/hra1/6E+b/AMGA/wDjdH/DW1r/ANCfN/4MB/8AG6APouivnT/hra1/6E+b/wAGA/8AjdH/AA1ta/8AQnzf+DAf/G6APouivnT/AIa2tf8AoT5v/BgP/jdH/DW1r/0J83/gwH/xugD6Lor50/4a2tf+hPm/8GA/+N0f8NbWv/Qnzf8AgwH/AMboA+i6K+dP+GtrX/oT5v8AwYD/AON0f8NbWv8A0J83/gwH/wAboA+i6K+dP+GtrX/oT5v/AAYD/wCN0f8ADW1r/wBCfN/4MB/8boA+i6K+dP8Ahra1/wChPm/8GA/+N0f8NbWv/Qnzf+DAf/G6APouivnT/hra1/6E+b/wYD/43R/w1ta/9CfN/wCDAf8AxugD6Lor50/4a2tf+hPm/wDBgP8A43R/w1ta/wDQnzf+DAf/ABugD6Lor50/4a2tf+hPm/8ABgP/AI3R/wANbWv/AEJ83/gwH/xugD6Lor50/wCGtrX/AKE+b/wYD/43R/w1ta/9CfN/4MB/8boA+i6K+dP+GtrX/oT5v/BgP/jdH/DW1r/0J83/AIMB/wDG6APouivnT/hra1/6E+b/AMGA/wDjdH/DW1r/ANCfN/4MB/8AG6APouivBr79pS903T4b6+8AXcFtNjZI1+uDn/tnx+NZv/DW1r/0J83/AIMB/wDG6mMoyV4u5Uoyg7SVj6Lor50/4a2tf+hPm/8ABgP/AI3R/wANbWv/AEJ83/gwH/xuqJPouivnT/hra1/6E+b/AMGA/wDjdH/DW1r/ANCfN/4MB/8AG6APouivnT/hra1/6E+b/wAGA/8AjdH/AA1ta/8AQnzf+DAf/G6APouivnT/AIa2tf8AoT5v/BgP/jdH/DW1r/0J83/gwH/xugD6Lor50/4a2tf+hPm/8GA/+N0f8NbWv/Qnzf8AgwH/AMboA+i6K+dP+GtrX/oT5v8AwYD/AON0f8NbWv8A0J83/gwH/wAboA+i6K+dP+GtrX/oT5v/AAYD/wCN0f8ADW1r/wBCfN/4MB/8boA+i6K+dP8Ahra1/wChPm/8GA/+N0f8NbWv/Qnzf+DAf/G6APouivnT/hra1/6E+b/wYD/43R/w1ta/9CfN/wCDAf8AxugD6Lor50/4a2tf+hPm/wDBgP8A43R/w1ta/wDQnzf+DAf/ABugD6Lor50/4a2tf+hPm/8ABgP/AI3R/wANbWv/AEJ83/gwH/xugD6Lor50/wCGtrX/AKE+b/wYD/43R/w1ta/9CfN/4MB/8boA+i6K+dP+GtrX/oT5v/BgP/jdH/DW1r/0J83/AIMB/wDG6APouiuf8CeK18b+CdP8RR2hs1vVciBpN5Ta7J97Az93PTvXQUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAfO/7Wv/IJ8Mf9d7j/ANBjr0v4If8AJFfDf/Xu3/oxq80/a1/5BPhj/rvcf+gx1i+Af2jdJ8H+A9L0C50K9uZbGIo0scqBWyxPAP1oA+oqK8A/4ay0P/oWtQ/7/pR/w1lof/Qtah/3/SgD3+ivAP8AhrLQ/wDoWtQ/7/pR/wANZaH/ANC1qH/f9KAPf6K8A/4ay0P/AKFrUP8Av+lH/DWWh/8AQtah/wB/0oA9/orwD/hrLQ/+ha1D/v8ApR/w1lof/Qtah/3/AEoA9/orwD/hrLQ/+ha1D/v+lH/DWWh/9C1qH/f9KAPf6K8A/wCGstD/AOha1D/v+lH/AA1lof8A0LWof9/0oA9/orwD/hrLQ/8AoWtQ/wC/6Uf8NZaH/wBC1qH/AH/SgD3+ivAP+GstD/6FrUP+/wCldL4A+Pul+P8AxdBoFnot3aSzRvIJZZVZRtXPQUAetUUUUAFFFFABRRUctxDbqDPKkQPALsBn86AJKK4bXvjL4D8PJL9s1+3mlhmMMkFqfNkVgSDlR6Ec1wWvftT+HLN5ItB0y71E+STHNJ+6QSc4BU84zjOKAPdqK+RtU/aT8e6wytolpbafGqlZFgtzNuJ75YHBrOt/C/xn8fWsVpeNrU9lKguY31C4ZIWGPlILcZw3FAH1Lr/xE8IeGIrlta8Q2EElqQJrdZhJMpJAA8pcv3Hbpz0rzzVv2ofBNjePDYW2p6nGFBW4ghCIxx0xIVbj6Vw2g/sravdyW8/ifXIbZHBNxDbqZJUODgBj8p5x+Fd5ov7MXgnT43GqSXuquXDI0kvl7R6YXg/jQB5vrP7VXiW7WIaJo1jpzKT5hlcz7+mMcLjHPr1rm0vvjH8Sjbww/wBt3VtcyNNbyLGYLfIDdJcKuMZAy3t1r620bwZ4a8PNK2h6FYWDTACQwQKu/GcZ49zW0qqihUUKo6ADAFAHyhpH7M/jbXZYbzxRqdtYl32zrNObidUBxkbcqeOg3flXdaN+yr4atGlOt6zfaiGA8sRIINnXOeWznj06V7tRQBk+GvDGkeEdGTS/D9otpaq28opJ3MQAWOe5wK+JvAXglfiD8Rn0B702QlE8gmEe/BUE4xkda+76+Ov2fP8AkvUX/XO6/wDQTQBysujT/C74ifYfHGgQ6lBCcSQS52XERPEkbDGenHvkHBzj6P8AAvhP4P8AxC0H+09B8M2nyNsntpSwlgbsGAY9exHB59DXf+MPA2g+OdKay1+xjnIRlhn2jzICcco3Y8CvlDWPD3jr4C+LZdR0l5ksyTDFfrHuhnVgcK4PGeM4PcA0AfS3/Clfh1/0Kll+b/8AxVH/AApX4df9CpZfm/8A8VUHwp+K2nfEjRR9y21e3UfarTP/AI+vqp/SvQaAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAOF/4Ur8Ov+hUsvzf/wCKo/4Ur8Ov+hUsvzf/AOKruqKAPH9F8O6T4j1caXrljHeWJDMYJM7cr06eldN/wpX4df8AQqWX5v8A/FVmeCv+RuX/AHJP5V6bXi5N/uz9X+h7ed/7yvRfqcL/AMKV+HX/AEKll+b/APxVH/Clfh1/0Kll+b//ABVd1RXtHiHC/wDClfh1/wBCpZfm/wD8VR/wpX4df9CpZfm//wAVXdUUAcL/AMKV+HX/AEKll+b/APxVH/Clfh1/0Kll+b//ABVd1RQBwv8AwpX4df8AQqWX5v8A/FUf8KV+HX/QqWX5v/8AFV3VFAHC/wDClfh1/wBCpZfm/wD8VR/wpX4df9CpZfm//wAVXdUUAcL/AMKV+HX/AEKll+b/APxVH/Clfh1/0Kll+b//ABVd1RQBwv8AwpX4df8AQqWX5v8A/FUf8KV+HX/QqWX5v/8AFV3VFAHC/wDClfh1/wBCpZfm/wD8VR/wpX4df9CpZfm//wAVXdUUAcL/AMKV+HX/AEKll+b/APxVH/Clfh1/0Kll+b//ABVd1RQBwv8AwpX4df8AQqWX5v8A/FUf8KV+HX/QqWX5v/8AFV3VFAHC/wDClfh1/wBCpZfm/wD8VR/wpX4df9CpZfm//wAVXdUUAcL/AMKV+HX/AEKll+b/APxVH/Clfh1/0Kll+b//ABVd1Xk/xV+Oej+B4bvStKkW98QKgCxAZjgLZ5c9MgYO33FAGX8SvD/wk+G3h43uoeFbGe9mBWzsldg87/8AfXCju3b3JAPyzr+pW2r63cXthplvpVtI37uztySsS9hk8k+p716P4Q+HfjP41a0mt65eznTvN8ubULl8sFGSVjB6+nHAyK7X9o/w1pXhP4e+FtK0O0S2tre5kVQBy3yDJJ7knkmgD1L4Cf8AJDfDv+5N/wCj5K9Erzv4Cf8AJDfDv+5N/wCj5K9EoAKKKzhqrSarNYwWryNDt8x9wCgEZzUSnGFr9S4wlO/L0NGisptaYxyzwWck1tESHlDAdOpA6nFV577drlnNaRtcCW2JRVOM8+vasniIK1v6v+ZtHDVHvpv/AF5fM3aKzF1yI2byvE6SpL5Jh6tv7D8uc06PVH+1C2ubRoJ5FLRKXBEmBkjI6Gq9tTezJ9hUV9DRorJ0LULy/hka7g2hZHUOGHY4xgVHr9x5Nzp6yXMlvBJKwlZHK5G31HvUuvH2SqrZ28tylh5e19k9/vNqisTS7wpLeyC4ebTol3JNIxY5/iwT1FTf22UjjnuLOSK1kICzFgevQkdRRHEQcU3p/VvuCWGmpWWv9bevkatFYEd5Lb63qvk2z3BXYxAYAAbfU9/arp1mN4rc2sTTy3AJSMHHA65J6YojiINa/wBa2CWGmrW12/FXNKisibWJfst2qWzR3luu4xMwOB2OehFWtIuri802Ga6h8t2RTncDuyOvHSqjWhOXKiJUJxjzMu0ViSXE0PiacQW73DG3X5QwUDn1NWBrkL2VvNEjM9wcJESAcjqCe2KmOIg730tf8HYp4eejWt7fiadFZ1tq6z/aEaBlntwC0QIbIPQgii21bzb4WtxB5DshdP3gYEDr06VftqbtruS6FRX02NGiuZ1bVGvtLSSG2kW3eZdk2R83PXHUVdUy6rq93EbiWG3tCqBYXKlmIySSPqOKyWJUpcsVc1eFlGPNJ23v8rf5mzRWLb3F1Z6pc2G57pRD50O9vmHOCpY/1rJtpJ4vBs10lrtmlTLziQbnyepqJYtJbbJv7tCo4Ry69rfM7CisWC8XTbO0t4bDZLcAlYlcAcAZOencVan1UQmGNYGa4lUsImYLgDrknit/bQtr+pi6E72X6dPmaFFYN9r039lTTWcO2eGTZIrMDs/xrZtpJZYFeeHyXPVdwb9RRCtCcnGIp0J0480vQlooorYxCiiigAooooAKKKKACiiigDE8UeDfD/jSwjs/E+mR38ET74wzMjIfZlII9xnmuU/4UD8Mv+hYX/wNuP8A45Xo1FAHnP8AwoH4Zf8AQsL/AOBtx/8AHKP+FA/DL/oWF/8AA24/+OV6NRQB5z/woH4Zf9Cwv/gbcf8Axyj/AIUD8Mv+hYX/AMDbj/45Xo1FAHnP/Cgfhl/0LC/+Btx/8co/4UD8Mv8AoWF/8Dbj/wCOV6NRQB5z/wAKB+GX/QsL/wCBtx/8co/4UD8Mv+hYX/wNuP8A45Xo1FAHnP8AwoH4Zf8AQsL/AOBtx/8AHKP+FA/DL/oWF/8AA24/+OV6NRQB5z/woH4Zf9Cwv/gbcf8Axyj/AIUD8Mv+hYX/AMDbj/45Xo1FAHnP/Cgfhl/0LC/+Btx/8co/4UD8Mv8AoWF/8Dbj/wCOV6NRQB5z/wAKB+GX/QsL/wCBtx/8cr5+/Z7jWL48QRxjCJHdKo9AENfY9fAukeJtZ+Hnj+41PT4Vg1K2kmiMV3Cfl3ZBBXg5oA++qqXuradppQajf2toZM7BPMqbsdcZPPWvj9fiP8YfHNxNPosmqS287iB00yzPkRttAI3YO3ggnJ754rRsv2dfiV4hDtr91b2TQ4EQ1C+MxbPXb5e/HQZzjtQB7drX7QXw90aNGTVZNRZnKFLGEsUx3O7aMfSuC8QftX2kbXMPhjw+8xCj7PdXsu1ScDO6JefUcP7+1TeH/wBlLTYGgl8S67NdHy/31taR7F34/hkPOAfVea9H8P8AwW8CeHFtmtNDiuLi2YslzdnzJCST17Hrjp0oA+c9S+OPxR8XNP8A2O8lrbGLyZYNJstwXIPzbiGdWI7hh04xTrf4P/FzxkPJ1trtYYR5kZ1i/Z0JPHyjLYOPYV9e2mnWWnhxYWdvah8bhDEqbsdM4HNWaAPmvSP2TXMlrJrvif8AdlQbm3tLbDA45VZGYjg9yvPpXomgfs8fD/Q44zPps2q3EUwlSe+nYnjBClU2oV46FTnPOa9QooApaZoul6LG8ej6bZ6ekh3OtrAsQY+pCgZq7RRQAUUUUAFFFFABRRRQAV8dfs+f8l6i/wCud1/6Ca+xa+Ov2fP+S9Rf9c7r/wBBNAH2LVPVtJsNd0m40zV7WO7srlCksMgyGH9D3BHIIBHNXKKAPkL4j/BzX/hVcf8ACR+EtTupdPV2/fQExzWik8Bip+YY4J4HqK9Y+Efx503xZp9vpXiu5isdeUrCrsNsd5xww7K3HI6Z6dcD2G4t4bq3kguYllhkUq8bjIYHqCK+ZPjB+z+uhWT+IvAKTvBCWkurENueIZJ3x45KjpjqAM884APp+ivmv4SftE7HsfDvjohY8eVFq7P0PAQSjsOo39uM4GTX0mrBlDKQQRkEd6AFooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8y8Ff8AI3L/ALkn8q9NrzLwV/yNy/7kn8q9Nrxcm/3Z+r/Q9vO/95Xov1CiiivaPECiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACmyyxwQvLO6xxxqWd3OAoHUknoKr6nqdlo2l3Go6pcx2tpbIZJZpDhVA/z0718ofFj44XvxCMfhzwfb3cGmzOI3UL++vXJwqhVydp446nPTsQDtvi7+0I+lXs3h7wG0M9wFaK41DG8RseMRYOCR6nI9u9cx8HvgVc+K7p/EfxAhuF09nYpaTMyS3bknc7nhguc98k+w57T4S/s92/h2Wz1/wAYMtzqSoHSw2ho7d+xJz8zAfgD3Ne7UAV7CwtNL0+Cx063jtrW3QJFFGuFRR2Arwb9rL/kWfD3/X5L/wCgCvoGvn79rL/kWfD3/X5L/wCgCgDvfgJ/yQ3w7/uTf+j5K9Erzv4Cf8kN8O/7k3/o+SvRKACqNrZyQ6lfTvt2XBXbg88Lg1eoqJQUmm+hcZuKaXX/AIcxIrLU7SylsLdYXicsEnZyCgb/AGcc4+tKdMurO6s5LARyJbQeUUkbaW/HtW1RWP1eNt3pa3lY2+szvstd/Mwf7Fumt2nLxreNdfadoOU4G0Ln6d6tx2t3danBdX0ccK24OyNH37mIxknA7Vp0U44eEdv6t1CWJnLf/hk+hk2Nrf2FvdQxRwtl3eF2c8knOCMcfnUlxZ3Nzc6ZPJ5Ya3YtMFJxkrjj8a0qKpUYqKjfRW/B3JdeTlzWV/8ANWMd9HkabUIVZUs72IggdUcjBIFNey1K7s4rG6SFIlI8yZHJLgei44z9TW1RU/V4dP61uUsTP+vuuYzWmo2+oX09okEiXIUKruVKkLjPT9KZFo9zYGzms2SWWFGSSNztDhjk4POOa3KKX1eF73f+Wtw+sztay/z0t+Rkpp1xcPeXF3sjluI/KVEO4IB78Zp1qmp2+lQQJDbiaIqh3SFlZAOT0GD7VqUVSoxWqb/p3JdeTVmlb/IpR2ki61Ldtt8t4VQc85BrKXQJlsLQSRwTy20jsYpOUcMemccH8K6KilLDwlv5/i7/AJlRxNSG3l+Ca/Uxn0uaXTbmKG2tbGSXACwDqAeQzADr06cVFaaPMurQ3LWdpaRJE0bJAcliR1JwM1vUUnhqbab6DWKqJNLr/wAN/VznDpOp/wBlRaaBb+VA4IlLHLqDxxjg4+tXms7yz1Se6sVjnjuQDJFI+wqwGMg4PbtjtWrRQsPFapu/9L+v8wlipy3S1vfzv/wxm2VlcfbZ769KCaVAixochF9M96rppNwvhP8As0lPP8vbnPy5+tbVFV9Xha3k195P1id7+af3bGXqFnNPaxQi0t7pVTBEjlGRuMEMAf6VTbQ51FnNIkN9LDGY3juDkMDzkEg8iugopTw8Jycnv/X9a3HHEzgrL+v68jHn0uSfRp4I7e1tZJDuWOEYXj1OOfritO2aZrdTcxrFJ3VX3D88CpaK0jTUHdGc6spqz73CiiitDIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKxYfBvhuDXZNah0OxTU5WZnuxAvmMW6kt15raooAbHFHEuIkVBnOFGKdRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfHX7Pn/Jeov+ud1/6Ca+xa+Ov2fP+S9Rf9c7r/0E0AfYtFFFABQQCCCMg9RRRQB4j8ZvgQni+T+3PCMcNvrJIE8BISO5HTdnoGHr3H4V5t8M/jBrvw48RHw545N1JpkTC3eKfJksiOBtz/CPSvrevOfif8GtE+JEYu5Gew1eKMrFdwgfvOPlEgx8wH4H3oA7nSNZ07X9Nj1DRb2G+tJCQk0DhlJBwefqKu18XeFfF/iv4C+NbvS9VtHlti3+k2DuRHN/dljbHBIxzjkcEZHH1f4J8baR498Oxatok2VOFmgY/PA/dWH8j3oA6KiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPMvBX/I3L/uSfyr02vMvBX/ACNy/wC5J/KvTa8XJv8Adn6v9D287/3lei/UKKKK9o8QKKKKACiiigAooqBr60Ryr3UKsDggyAEUm0txqLeyJ6Kr/wBoWX/P3B/39X/GqDeKtEVirahHkHB4P+FZyrUo/FJL5msaFWfwxb+Rr0Viy+L9EjiZxerIVGdqKcn6VS/4T/R/7tz/AN+x/jWMsbho7zX3m0cDipbU39x09Fclc/ELT44wbW2mmbPIfCYH15qr/wALIj/6Bjf9/wD/AOxrGWZ4SLs5/mbRyvGSV1D8v8zt6K8/ufiLdtIPsdlDGmORKSxz9QRUP/Cw9U/59rP/AL5b/wCKrJ5vhE7Xf3GyybGNXsvvPRqK80m8U+JrqTzoBJFGwGFit8r9QSCf1pn/AAkPiv8A56XH/gMv/wATUPOKN9Iy+7/glrJa9tZx+/8A4B6dWD4r8Z6H4M003evXscG5WMUOcyTEDO1F6k15X4k8YP4VuoofEetTWM9wpkSN52JI9cLnHXvio9EEHxDvo7rTwNUltx8l5PExEQz/AAuw9fSl/adR7UZf18h/2VTW9eP9fM8o8R+J/HHxw8YPpenRzw2LnfBp5cpDEiZw7k8Fvm5J9QPSvePhp8LPDXw00m3vdWe0uNcY7nvZMHymKkbIz2GCfrVr/hANY/vW3/fw/wCFTW3w91CSQi6uYYVxwUy+T9OKPruMlpGhr6h9RwUdZYjT0/4c7L/hI9G/6CVv/wB9ioLrxdotrtzeLLuz/qhux9cVz3/Ct3/6Ca/9+P8A7KrNt8OrRYz9svZnfPBiAUY+hzR7bMpaKml8/wDgh7DK46uq38v+AaH/AAnWif8APWX/AL9GvK/jZZp8StP02y0qcW4spmlMsyHD7lAwBXpX/CvNL/5+bv8A76X/AOJryn4/mfwF4b0WXw3cyQT3FzIk0rhXLqFyBgjAx7Cj/hUnp7q/r5h/wlQ196X9fI6r4da5H4J+H+meHrqFrqWyWQNNGQFbdIz8A/72K2G+It3uO2xh254yxqh8IdLs/E3wp0XV9ch+1X9ysplmLFN2JnUcKQBwAOBXoS6PpiqFGn2uAMDMKn+lP6vmMviqpei/4AfWMsj8NJv1f/BZxf8AwsS+b5VsYMnpgsapf8Jvrkci+bImM5KmIDIr0SPTLCKRZIrK2R1OVZYlBH44rifH1jdTazBNDbySRmALuRSeQxJHH1FcmLo42jS9o6rbXY68HWwNet7JUUk+rO8gkMtvHIRgugYge4qSvL017xTHGqI9wFUYA+zDgf8AfNO/4SHxX/z0uP8AwGX/AOJrpWcUrawl9y/zOV5LWvpOP3v/ACPTqK8x/wCEh8V/89Lj/wABl/8AiaP+Eh8V/wDPS4/8Bl/+Jp/2xR/kl9y/zF/Ytb+eP3v/ACPTqK8x/wCEh8V/89Lj/wABl/8AiaP+Eh8V/wDPS4/8Bl/+Jo/tij/JL7l/mH9i1v54/e/8j06ivMf+Eh8V/wDPS4/8Bl/+Jo/4SHxX/wA9Lj/wGX/4mj+2KP8AJL7l/mH9i1v54/e/8j06ivMf+Eh8V/8APS4/8Bl/+Jo/4SHxX/z0uP8AwGX/AOJo/tij/JL7l/mH9i1v54/e/wDI9OorzH/hIfFf/PS4/wDAZf8A4mj/AISHxX/z0uP/AAGX/wCJo/tij/JL7l/mH9i1v54/e/8AI9OorzH/AISHxX/z0uP/AAGX/wCJo/4SHxX/AM9Lj/wGX/4mj+2KP8kvuX+Yf2LW/nj97/yPTqK8x/4SHxX/AM9Lj/wGX/4mj/hIfFf/AD0uP/AZf/iaP7Yo/wAkvuX+Yf2LW/nj97/yPTqK8x/4SHxX/wA9Lj/wGX/4mj/hIfFf/PS4/wDAZf8A4mj+2KP8kvuX+Yf2LW/nj97/AMj06ivMf+Eh8V/89Lj/AMBl/wDiaP8AhIfFf/PS4/8AAZf/AImj+2KP8kvuX+Yf2LW/nj97/wAj06ivMf8AhIfFf/PS4/8AAZf/AImj/hIfFf8Az0uP/AZf/iaP7Yo/yS+5f5h/Ytb+eP3v/I9OorzH/hIfFf8Az0uP/AZf/iaa/iTxREheSadFHVmt1AH/AI7R/bNH+SX3L/MP7Erv7cfvf+R6hRXNeC9ZvNXs7n7fIJXhcBX2gEgjvjjtXS16lCtGvTVSOzPKxFCWHqulPdBRRRWxgFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8dfs+f8l6i/653X/oJr7Fr46/Z8/wCS9Rf9c7r/ANBNAH2LRRRQAUUUUAFFFFAHOeNPAui+O9Dm07WrZCzriO5VR5kLDOCD7ZPHTk18n6voXj/4CeIftlpPJBZ3EvlxXcRDwXaqQwVx2Jx0ODw2OOa+06zte0HTfE2iXOk63apdWdym2SNx+RB7EHkHsRQBzHwv+J+l/EnQPtFqVt9SgAF5ZM3zRn+8PVT2P54NdxXx78SvhJrXwl1C38QeF726n06N1ZbpflktpAeN2O2ehr2P4UfHjSvGcFnpGvOtl4gYFCCMRXBAHzKegJ/u+xxxQB6/RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeZeCv+RuX/AHJP5V6bXmXgr/kbl/3JP5V6bXi5N/uz9X+h7ed/7yvRfqFFFFe0eIFFFFACNnaduN2OM15fq0HiaTUpRcpeSshwGgRimOoxjtzXqNFcWMwixUUnJq3Y78HjHhJNqKd+55D9j1//AJ99S/74krOmWVZnW4DiUHDhwdwPvmvb6aY0JyUUn6V5U8jTWlR/Nf8ABPWhnzi9aa+T/wCAeH0V7e0EToVeNSrDBBXqKof8I7o//QNtv+/YrCWRT+zNfd/w5vHP6b+KD+//AIY8o09rJbsHU0meDByISA2e3WtbzvCn/Prqf/faf413tx4W0a4hMbWESDOcxrtP5iqn/CD6H/zwk/7+tTjlWJpq0eV+q/4ApZvhqj5pcy9H/wAE5vTJvBqs7zx3CcYC3ILA+421o/a/A3/POP8A78yf4VbuvAGlzFfs8k1uB1Abdn86r/8ACurL/n9n/wC+VrWOHxlNcqpQfyMpYnBVHzOrNfP/AIDNPT7jwwloDZyWMcbktiRgGz06NyOlWvtmgf8APxpv/fcdczc/DlvMH2O+GzHPmrzn8KrSfD6eGMvNqVvGg6swIArdVcbFcvsF8rGDpYGb5vrD+dz0JFVUAQAKBwAOBXiHxb/aBsPDJvvD/hQm71lAI3u1wYbZjncM5+ZxxwOATycgiuWvPib4cttZm063v57x45jEj28TOspBxlcdQa7q18F6lqulfapNL8tJlbdBdIEkxkggqeef1zV/2hiF/wAw7/r5Gf8AZ2Gf/MQv6+Z4/wDDb4MeIPidcw+I/FF5LDpEkvzyzsxnul5J8vPQZ4ycDk4zjFfWek6TY6HpcGm6TbR2tpboEjijGAoFedQW3iy2t0gt01CKKNQqImQFA6ACpPt3izTP9JnN4EHH74Fl59jR/aqWsqUkvQf9kN6Rqxb9T02ivMv+Ey8Q/wB4f9+B/hU8HjvV7ZW+1wRzZPBZNmPyprOMM3qmvkS8lxSWjT+Z6NRXn3/Cxb3/AJ8oP++mq3B8RovJX7TYv5n8XluNv4ZrSOa4ST+L8GZSyjGRV+X8UdtXz9+1l/yLPh7/AK/Jf/QBXp//AAsa0/58Jv8AvsV5l8eIZviH4f0aDw/GDPazvJMkrbNoKgdT15raOYYSW00Yyy3Fx3pv8/yO7+An/JDfDv8AuTf+j5K9Ery74T6taeFfhno2hay5ivbUSLKFG5Ruldh830YV33/CSaN/0Erf/vutY4qhLaa+8xlhMRH4oP7madFUbfW9MupfKt76CR8Z2q4riPiBdO2tQRxzExrAGCq3AJY5P6CssVjIUKPtY+98zbC4KeIrKlL3fVHotFeYR+DddkjV0VNrAEfvh0NO/wCEK1/+6n/f4Vx/2jiP+gd/18jt/s3Df9BC/r5nptFeZf8ACFa//dT/AL/Cj/hCtf8A7qf9/hT/ALQxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NorzL/AIQrX/7qf9/hR/whWv8A91P+/wAKP7QxP/QO/wCvkH9m4b/oIX9fM9NrG8W/8ipff7g/9CFcX/whWv8A91P+/wAKQ+CdeIwUjI95hWVXG4mpTlD2D1TX9aGlHA4anUjP6wtGn93zNr4cf8el9/vp/I12lc74P0O60W0uBe7Q8zghVOcAe/410Vehl8JU8LCM1Z/8E8/MqkKmLnKDuv8AgBRRRXceeFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8dfs+f8l6i/653X/oJr7Fr46/Z8/wCS9Rf9c7r/ANBNAH2LRRRQAUUUUAFFFFABRRRQBDd2lvf2ctpewR3FvMhSSKRQyup6gg18w/GP4DP4dZfEXw9t5/sSbTNYxMzyW7DGHjJJYgnkjJIPTg4H1JRQB86/CP8AaEmub+38N/EBo4n2iC31IgqS4ONs2TjJ4G4YwRz1yPooEEAg5B6EV4Z8X/2fl8V3j674ONvaakwZrm1kOxLkgEgqeiuTgc4BzkkYrz/4UfGrUfAGpv4a8dC4OmrMyySTKzT2b8AgjqVBHTGRk4z0oA+s6KpaPq9hr+j22qaPdR3dldIHimjOQw/oQeCDyCCDyKu0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeZeCv8Akbl/3JP5V6bXmXgr/kbl/wByT+Vem14uTf7s/V/oe3nf+8r0X6hRRRXtHiBRRRQAUUUUAFFFFABRRRQAUUUUAFFFcj49+Jfh74eaeJdcuv8ASpkZrazjUtJMR7D7ozxk4HvQBt+IfEOmeFtDuNW1u5W2tLdcsx6seygdyfSvkr4jfFjX/jBqlp4e8PWE9vYSShY7CJ973UmeGc8cDrjoOpzgEQ/avHn7Qni6Szim22cTmYRMSLaxUjAyQMknb7knJAxnH0v8Nvhfo/w70OO3too7nUW+a4vnQbmbGML/AHV5IoA5j4T/AAH0vwObbWtab7frwjyQcGG2Y/3BjJI6bj9QBXr1FFABRRRQAVFPbQXSBbmGOZQcgSIGAP41LRSaTVmNNp3RT/sjTf8AoH2v/fhf8KrXPhjRruQPNp8W4DHyEoPyUgVq0VnKhSkrSin8jWNerF3jJr5sxP8AhDtB/wCfAf8Af1/8a8h+Od2fhxpum3uhRJI19cPG8dzllQBcjbgg/mTXvNfP37WX/Is+Hv8Ar8l/9AFYywWGlvTX3G0cdio7VH99zqvhrokPjT4baXr+oSSQXl6khZIMCNSsjoMA5PRR3rc/4Vu//QTX/vx/9lVb4Cf8kN8O/wC5N/6Pkr0SsZZZhJbw/M3jmuMjtP8AI4GX4czrExh1BHcD5VaIqCfrk4qmvw/1YuA8lsq55IcnA/KvSqKylk+Eb0TXzNY5zjEtWn8hkMfk28cec7FC59cCn0UV6qVlY8hu7uFFFFMQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXx1+z5/yXqL/rndf+gmvsWvjr9nz/AJL1F/1zuv8A0E0AfYtFFFABRRRQAUUUUAFFFFABRRRQAV5l8T/gpofxAW51GJTZ680ISK6VjsYrkjevQ5zjPXGPSvTaKAPi7wj488XfA7xFe6PqNkz23m4uLGcnZu4/eRn1K45HBGM19a+EPF2k+NvD0Or6HOJYZBh0J+aJu6sOxFVPH3gLSPiF4bk0vWI8OuWtrpR+8t3/ALwPp6jofyI+UdS0jx58AvFFrdRXJSCSTejwuzW10BkbJF4GdpPB5Gcg5GQAfatFcZ8O/ibonxD0OK6sZkt77GJ7CSQeZGwHOP7y+4/SuzoAKKKKACiiigAooooAKKKKACiiigDzLwV/yNy/7kn8q9NrzLwV/wAjcv8AuSfyr02vFyb/AHZ+r/Q9vO/95Xov1CiiivaPECiiigAooooAKKKKACiiigAopCQqksQABkk9q+fPi7+0Na2lnd+H/AszyX+9oZ9RAGyJcDPlH+I5JG7tg4zkEAHZfFn42ad8PII7TTUh1LWZsMLcv8kSZ5ZyPxAH+FeGeEfh/wCLfjX4vOv+JXuI9NuG3zXzrhWUHHlxDp7ccCtf4Ufs/wB34rW28R+M5ZbfTpJfNFmQfNvF5OWbOVBOPcjPI4NfVNrawWNpFa2cMcFvCgSOKNQqoo6AAdBQBk+E/B+ieCdFGl+HLNbW23l253M7HuzHknoOewArboooAKKKKACiiigAooooAKKKKACvn79rL/kWfD3/AF+S/wDoAr6Br5+/ay/5Fnw9/wBfkv8A6AKAO9+An/JDfDv+5N/6Pkr0SvO/gJ/yQ3w7/uTf+j5K9EoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr46/Z8/5L1F/1zuv/AEE19i18dfs+f8l6i/653X/oJoA+xaKKKACiiigAooooAKKKKACiiigAooooAKyvEvhrSvF2g3Gj67bLcWk64IPDIezKezDqDWrRQB8d/Ev4Za18HfEkHiLwtcXB0sShre7U5e2b+5J/Q9D9eK9r+FPx10rx60Gj6mn9n695QLK2BFcsM58s564AO04PJxnBNerSxRzxNHMiyIwwVYZBr5d+LvwK1Dw9q/8Awknw9t5ns2fzXtbYHfZuPm3Jj+DjPt06YoA+paK+fPg38f5dW1BPD3jydEu5WCWl8yhA7dBG/uex7ng9a+gkdZEDxsGVhkMpyDQAtFFFABRRRQAUUUUAFFFFAHmXgr/kbl/3JP5V6bXmXgr/AJG5f9yT+Vem14uTf7s/V/oe3nf+8r0X6hRRRXtHiBRRRQAUUUUAFFFFABVbUNRstJsXvNVvLeytY8b57mVY0XJwMsxAGSQPxrL8Y+MNJ8D+HZtX1ycRxJxHGD80z9lUdzXyX4r8b+L/AI5+I7LSNPsmW38zEFlAT5Ybn95IfULnk9BmgDoPij8bNZ8ca9/wjngB7lNOkY26mBT5t8W44HUL6Dr34ruvgz8Ax4bb+3fHNtDLqeSLexJWRLcdNzEZVmPbGQB7nA6n4WfBTSPh1/xMJpP7Q1iSMK1w6jbDx8wjHYE9+tenUAIqqihUAVVGAAMACloooAKKKKACiiigAooooAKKKKACiiigAr5+/ay/5Fnw9/1+S/8AoAr6Br5+/ay/5Fnw9/1+S/8AoAoA734Cf8kN8O/7k3/o+SvRK87+An/JDfDv+5N/6Pkr0SgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvjr9nz/kvUX/XO6/9BNfYtfHX7Pn/ACXqL/rndf8AoJoA+xaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDwT4ufs8x6/c3fiHwY0drfGMyS6dswly+eqHPyMRnjoTjpya4b4R/G+68AF/DfjWO6l02ElIjtzNaMP4MHGV9u3bjivrSvMPin8FdH8eWFzeadDFY6+fnS6AwJiB91/Y+v8AOgD0bTdSs9X02DUNMuI7q0uEDxTRnKsDVmvjHwh8QvGnwT1k6LrNhOlgZt81hdoQSoJVnhY8YJB5GVO38a+uPDHibS/F/h+31jQ7lbi1nHUfeRu6sOzD0oA1qKKKACiiigAooooA8y8Ff8jcv+5J/KvTa8y8Ff8AI3L/ALkn8q9Nrxcm/wB2fq/0Pbzv/eV6L9Qooor2jxAooooAKKKKACuA+JXxf0H4cQeRd7rzVJYy0NnCRwccFz/CD+J9q5P4u/H2z8Joul+DZ7XUtXYgyzBhLDbKDyDg8scEYzx1PYHy34bfCjxB8U/Ez+I/Gn2uLTJHE0txOpV7zPIEef4SP4hxjpQBj6Vonjz4+eJ7q7mumeCOTfJLO7C2td2BsjXkZ2gcDk4yTk5P1f4D8CaR8P8Aw3HpWjRfMcNcXLD95cP/AHmP8h0H51raJoOl+G9LTTtCsYbGzjJKxRDAyTkn3rQoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvn79rL/kWfD3/AF+S/wDoAr6Br5+/ay/5Fnw9/wBfkv8A6AKAO9+An/JDfDv+5N/6Pkr0SvO/gJ/yQ3w7/uTf+j5K9EoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr46/Z8/5L1F/1zuv/AEE19i18dfs+f8l6i/653X/oJoA+xaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5D4jfDrSfiN4daw1JBHdRZa0u1HzQv/AIHjIr5avbDxl+z749guIpd8TD5JVB8i8j43IR/TqODX2pWT4k8L6L4u0htM8R6fHfWhYP5bkgqw6EMpBU/QjgkdDQBi+AfiXoHxB0uKbSrpEvfL3z2LsPNhPQ5HcZ712FfHPjr4deJfgz4xi1zwrNdSaejmW2vY13NEByUlAGMY6k8EenSvc/hT8cNM+IjHTb6BdL1mNQRCZNyXAwNzIT05z8pyQMcnnAB6nRRRQAUUUUAeZeCv+RuX/ck/lXpteZeCv+RuX/ck/lXpteLk3+7P1f6Ht53/ALyvRfqFFFFe0eIFFFZmv+I9I8LaU2peIL+KxtFYKZZSeSTgAAck/SgDQlmjgheWd1jjQFmdjgKB3NfMnxb/AGhjq1tdeHPA3mRxPIYZtRU8zJgDEfcAnIz3GMda5z4hfE7xH8XvFkfh/wAIJdRaY7GGC0hYq1yDwXlx29jwB69a9d+EXwGsfBcDal4ritdT1qQ4RdvmQ2qg8bdw5Y4B3EccAY5JAON+En7O6XlvaeIfHayAFxLDpjDiRcZBl78nB29wOetfSqIscapGoVVGAoGABS0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8/ftZf8iz4e/wCvyX/0AV9A18/ftZf8iz4e/wCvyX/0AUAd78BP+SG+Hf8Acm/9HyV6JXnfwE/5Ib4d/wByb/0fJXolABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfHX7Pn/ACXqL/rndf8AoJr7Fr46/Z8/5L1F/wBc7r/0E0AfYtFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEdxbw3dvJb3MSywyKVdHGQwPUEV8s/FL4Gax4Q1mTxP8PUlk06HNy0UL4lsWB52jqy85GMkDOeBk/VVBGRg8igD5++DHx+h1OMaF4/v4re8UFrfU7hwkcoHJWRjgK3oTwenXAP0ACGUFSCCMgjvXz98W/2eINRS+8QeCFMd8T5smmKAEl67inox646HHqa5L4TfHu48HQR+HPGUc9xYxOIoZz/AKy0XOCrA8lR6dRQB9X0VDZ3ltqNlDeWM6XFtOgkiljbKup5BBqagDzLwV/yNy/7kn8q9NrzLwV/yNy/7kn8q9Nrxcm/3Z+r/Q9vO/8AeV6L9QoorzD4o/GzRfAENxp9swvde8vMdsoysZPQue3rjrXtHiHS/EL4gaT8O/Db6nq0gaZ8pa2qn57h/QD0HGT0H4jPypd33j34/eKraBLdpIIn2Dy0ZbWzBydzt0BwD7nGAMnFS+DPh34r+Nuv3ut6pevHbNLm4v5wSHbj5Ix7Lj2HAr628J+FNK8GeHoNH0O3ENvEMsf4pG7sx7k0Ac/8OfhNoHw4ti+nK1zqMsarPeTY3EgchR/CCecV3VFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXz9+1l/wAiz4e/6/Jf/QBX0DXz9+1l/wAiz4e/6/Jf/QBQB3vwE/5Ib4d/3Jv/AEfJXoled/AT/khvh3/cm/8AR8leiUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8dfs+f8l6i/653X/oJr7Fr46/Z8/5L1F/1zuv/QTQB9i0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXlXxd+Cum+O9LkvtFggsNei3OkqIFW5J5KyY6kn+Lr9eleq0UAfG3g34ieM/gt4ii0HxJb3A0uNt82mTgEor4O+NuceuAdud3GSTX1r4e8S6T4p0qLUNCvYrqCRA3yMNyZ7MOqng9fSsD4kfDHRviTo6W2pZtryE5t72NAXi9Rjup9K+X2/wCEu/Z6+Iw2/vIH5Gc+Rfw55+hH5qcduoB9DeCv+RuX/ck/lXpjuscbPIwRFBLMxwAPUmvKPCOo21lrB1HUJo7a2jt5JZZZGAVF25JJNeRfFT496h41E3h3wlBLbaZLN5YnUnzr1eABtxlQTnjqQRnHSvFyb/dn6v8AQ9vO/wDeV6L9TtfjP8fjosh0HwFdxtfhgbnUUCyLCOuxM5Vie5OQB05ORynwp+BureK9bHiP4hRXCWDMLgRXDHzb5m5yxzkL655PTiuw+Ef7PdlpVrZ6943gM+qBxNDYk5jgGON4/ibODjoMDryK97AwMDgV7R4hBZWNpptmlpp1rDaW0edkMEYRFycnCjgckmp6KKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr5+/ay/5Fnw9/1+S/8AoAr6Br5+/ay/5Fnw9/1+S/8AoAoA734Cf8kN8O/7k3/o+SvRK87+An/JDfDv+5N/6Pkr0SgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvjr9nz/kvUX/XO6/9BNfYtfHX7Pn/ACXqL/rndf8AoJoA+xaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK4n4p3ngiy8Jl/iJFBNZM+yJGj3y72BXMY6hgCTkdOtQ/E34raP8O9ElkeWK71Z8pb2KOC27AOXxyqgEH1OePUfNFvZeN/2gfHUU93mODoZxGwtbOMY3bATyenGckkZIHIANP4heK9G1nwO1vot0bh5GR/LQEtGgOfn/u/jXX/ALLzeDtl4m3/AIqk53G4wcw9vK9s/e75x2xXsXhP4X+FfB+gzaXpumRyJdRCK8luP3j3Ixg7s8YPXAAHtXz58TvgXrXgbULrxN4GnmbSoT5qrDKy3NnnOQCOWUf3s5wcHOCTy4XDQw0OSD63OvF4qeKqe0mulj6yorwT4O/H+y1PT4tD8d3iW2oxbY7e+k4W5BIUBiOjc9ehHJxjn3sEEAg5B6Guo5AooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvn79rL/kWfD3/X5L/6AK+ga+fv2sv+RZ8Pf9fkv/oAoA734Cf8kN8O/wC5N/6Pkr0SvO/gJ/yQ3w7/ALk3/o+SvRKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK+Ov2fP8AkvUX/XO6/wDQTX2LXx1+z5/yXqL/AK53X/oJoA+xaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiorm5gsrWW5u5UhgiUvJI5wFA6kmgCWvGviz8e9O8GveaF4fH23XETa0owYbZ+4Y55Yeg+hxXF/GT4+zXc40D4d30iRhlM2pWrENIc5CRkc49SOvT1qT4S/s+XMt+mvfES2VosCWHT5DuMhIzmUe3900Acj8M/g9rXxXvLnxH4lvLi206WUsbuRd0l4+fm25/hHI3dAeBnBA+s9D0PTvDejW+laNbJbWluu1EUfqfUn1q3a2sFjZxWtnCkFvCgjjijXCooGAAOwqWgDwHxN+0Vc6H8XX0OLTA+j2VwbS6zjzpHzgupzgAHoD19q99ZVdCjqGVhgqRkEV+e3ibXJ9a8a6lrckaQz3N49wUTlVYtnAzX3r4Vv59V8HaNqF4we4u7CCeVgMAu0asTgdOTQB4X8X/ANnmCSxudf8AAVu/2tWaa401TkSL1PlD1HJ29+cc4B574TftB3Ph5LPw94zVp9PR/LS/JJkt16AMP4gD36getfVVeSfGT4K2vj20OqaEkVrr0K4B4VblR0Vvf0NAHq8E8V1bx3FtKk0MqB45I2DK6kZBBHUEd6kr478E/EjxV8G/FzeHvFQuZdMt28maxlYsIVyT5kWex3E8cEGvrDw/4l0fxVpg1DQL+G9ticF4mztOM4PoeaANSiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr5+/ay/wCRZ8Pf9fkv/oAr6Br5+/ay/wCRZ8Pf9fkv/oAoA734Cf8AJDfDv+5N/wCj5K9Erzv4Cf8AJDfDv+5N/wCj5K9EoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr46/Z8/5L1F/wBc7r/0E19i18dfs+f8l6i/653X/oJoA+xaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK5L4g/EnQvhxpEd5rjvJLO+2C0gwZZvUgEgYA5JOB0HUgEA39a1rT/D2j3Gqaxcpa2duu6SRz09h6n2r5J+IXxe8TfFe+k8PeHLGWLSWmzFbWyM01wvABlIOMZ5wMAbuc4Bqld6h4z/AGgfHzW1nujt/wCGHeRb2cQPBcjqffGSegr6U+Fnwr0z4baGI49t1q1woN3e4+8f7ieij9ep9AAcp8JfgFp3hH7Hr3iX/TddRS6wtgwWrHGCBj5nHPJOATwMgGvaKKKACue+IF7/AGf8N/EV0Ln7K8emXHlzCTYVfy2C4PY7sY75xXQ15J+0trEOnfB64spY5GfU7qGCJlxhSriUk+2IyOO5FAHx6LS6ltZLwQTPbowWScISisexboCa+0v2ftYj1b4M6Sgu2uriyMttcb2JaNhIzKhJ9EZMdgMCvEPCnhXUL39lvxRdfu4oHvVvYnds+YkIw4AGSDkEc4ruv2T9Yhl8L67owjkE9veLds5xtKyIEAHfOYj+YoA+gKKKKAOJ+I/wr0H4lWMS6qsltfW4It723wJFHPytkHcuecfXBGTXzFp+oeLv2e/iI0NxH5ts5/ewkkQ30OfvKezDseoPXIJB+06x/E3hXR/F2jT6Zr1lHcwTIU3EDfH3yrdQQQD+FAGR8OviRo/xH0EX2mHyLmPAubJ2y8DfXuPQ4/Kuvr448Q+C/G3wH8T/ANv6LI0mmrL5cN8uGSRT0SVAcj054z0Ne/fCH4vWHxI0n7PclLXXrVB9ptc4Eg/56R+q+o6qevBBIB6TRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXz9+1l/yLPh7/r8l/wDQBX0DXz9+1l/yLPh7/r8l/wDQBQB3vwE/5Ib4d/3Jv/R8leiV538BP+SG+Hf9yb/0fJXolABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfHX7Pn/Jeov+ud1/6Ca+xa+Ov2fP8AkvUX/XO6/wDQTQB9i0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXgPxc/aGh0aS98PeCws96F8uTUw4KQN3CLj5iPXOAexoA6z4rfGvSPAunXFlpVxDfa/kxrbK24W5wDuk/AjA714N4b8FeNPjn4uTWdflnWwkOJ9SdMIqLjKRjpnngDjnNbPwj+BNz45VvEnjWS6g06ZvMhQNia8bOS7EgkIeeerZJyOCfqrT9PtNK0+Cx063jtrW3QJFFGuFRR2FAGZ4X8IaH4N0tbDw9p8NpFhQ7IvzSkDG526sfc1t0UUAFFFFABXzh+1nqd0kXh3SlcfZJWluXXaMl0wqnPXo7cV9H18d/tIal/bPxf+w2M8l39lt47cQJubZMScqq+pyvTrxQB7Z4B8H2037NMGjG5lEWqaa88kgA3IZRvIH0JryL9lrVri1+I19piyqtte2JkkUgZZ42G3B/4G3FfVenWsFtpFtawwRxQJCqLCiBVUY6Y6Ae1fH2hQx+Ef2plj1WNNOgh1mUqm0bUSTcYsBegIdMDtmgD7LooooAKKKKAK2o6daavps9hqVvHc2twhSWKRcqynsRXyd8UPgZq3gB5fEfhW5kuNLim3qsefOs14IJPcA5Ge2BnrX11TZI0mieOVFkjdSrIwyGB6gjuKAPDfhH+0DYa7bWeh+Mp/s2sM4hiumGI7jjjceitnA9yRXunWvm34z/s/wAEFk/iD4f2ZTyVLXemoS24dS8ecnI7r6dOmDS+FPx/1DRr628MfEEE2sX7hb6VWE8DZwBLnqB0zjI75oA+n6KbFKk0SSwuskbqGR0OQwPQg9xTqACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr5+/ay/5Fnw9/wBfkv8A6AK+ga+fv2sv+RZ8Pf8AX5L/AOgCgDvfgJ/yQ3w7/uTf+j5K9Erzv4Cf8kN8O/7k3/o+SvRKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK+Ov2fP+S9Rf9c7r/wBBNfYtfHX7Pn/Jeov+ud1/6CaAPsWiiigAooooAKKKKACiiigAooooAKKKKACiiigAqrqep2WjaXcajqlzHa2lsheWaQ4VQKoeKfFmkeD9Dn1TXLpIIYV3bc/M57BR3JPFfKHi7x94y+OmrxaLoemyLZQsXWytskEbsCSU+oBA9BzjqaANz4q/HnUvFeppoPw7muYrCQ+SZoY2E16zjbsVcbgOcYxkn9ex+EX7Pn9gXkWveNxBc3gVXt7EHesLEZJfsWHoMj3rqvhZ8EtG8Aw22pXsa3viARnfcscrEW6hB0GBkbuvJr1GgBqIkUaxxKqIoCqqjAAHQAU6iigAooooAKKKKACvjiwX/hO/2qo5tN/0dW1kXOLjrtt/nYcZ5IiOPqK+t/EF6+m+G9SvYnWOS3tZZEZsYDBSR198V8qfs22H9u/GWfV7uZhcWVrPeYUACR3PlkH0H70nj0FAH13Xx58fbO48M/Ho6zIY51uhbahDGpIwqAR7W44JMR6Z4Ir7Dr5o/az0y1jvPDmqqh+1zxzWztuOCiFWUY6dZG596APo3TLs6hpNpeMgQ3ECSlQc7dyg4/WrVcf8KNWn1v4VaBfXkqy3D2oWRlAHKkqBgdOAK7CgAooooAKKKKACvIPi/wDAu28eyDVtAeCw1ocSmQER3A/2sDhvfv3r1+igD48+HPxP1/4R+LLjw94ujuW05ZRHdWsxLPasAAHT1GMcDgjBHv8AV/h3xJpPizRYtW8P3iXlnKSFkXIII6gg8qfY81zPxH+E+gfEa1MmoQ+RqkUJjtr6M4ZOcgN/eAOeD0ycV8y6TrvjT4A+Mryzlt98TfLLbzbvIuRg7HBHfuCOeo9aAPtSiuW8AeP9I+IXh2PU9Ik2yDC3Fsx+eB+4P9D3rqaACiiigAooooAKKKKACiiigAooooAKKKKACvn79rL/AJFnw9/1+S/+gCvoGvn79rL/AJFnw9/1+S/+gCgDvfgJ/wAkN8O/7k3/AKPkr0SvO/gJ/wAkN8O/7k3/AKPkr0SgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvjr9nz/kvUX/AFzuv/QTX2LXx1+z5/yXqL/rndf+gmgD7FooooAKKKKACiiigAooooAKKKKACiiigArh/iL8WPD/AMN7VBqjSXN/OrGCygxubAOCxP3VJwM89ehrkvjF8c9P8I6fJpPha7gvtcl3I7xOHSzwSp3Efx5BG3qMZOOM+S+AfhN4p+LOuQ+JPF89wukTsXlvpnHm3IXA2ovXB6bsYGD1PFAGXpmk+L/2gvH8t1dTeVCp/e3BQmGyj7Ii55PtnJ6k96+pvh38O9I+HPhxNO0pPNuZAGu711+e4f1Poo7L2HqSSd/R9F03QNOisdHs4bS2iUKqRKBwBgZ9T7mr1ABRRRQAUUUUAFFFFABRRRQB518eb+1sfgxraXcwja6RIIQQfncuGC/kpP4VwH7KGkSRaHrurTWihZ5o4YLkqNzBQS6g9QMlCR9PSrf7Vmsta+DdG0gQhlvrtpjLu5TylAAx3z5n6V1H7O2kTaT8HbFp5EcX00l2mzPyq2AAc9/lNAHqNeP/ALTGkSaj8KPtVvaLNJY3kcry7RuiiIIYgnnBJTIHXj0r2CuY+JOjrr/w017TnmMKyWbvvC5xs+fp77cfjQB5v+yzq1vdfDq+0yMP59lemSUkfKRIPlwf+AHNe318w/snay0et69onkgrNbpdmXdyCjBNuPfzM59q+nqACiiigAooooAKKKKACsTxb4S0jxt4en0bX7bzreUZV14eF+zoezD8uxBBIrbooA+M/EHhDx38BdcGraTfkWkzNFHe267kkXPCyowIBI+vsc19E/C34u6R8RNFj8ySGx1qPCXFkz43Nj70eeWU4Jx1HIPqe21jR7DXtJuNN1a2S5tLhCkkbjII/wAa+Tvih8FdV+GMsXiTwteXF1psUu8zKMS2Tbvl3Y6rjA3evUDIyAfX1FeJfCT4/wBh4pex8P8Aij/Q9akHlpctgQ3L8bRnPDn0PBPAOSBXttABRRRQAUUUUAFFFFABRRRQAUUUUAFfP37WX/Is+Hv+vyX/ANAFfQNfP37WX/Is+Hv+vyX/ANAFAHe/AT/khvh3/cm/9HyV6JXnfwE/5Ib4d/3Jv/R8leiUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8dfs+f8l6i/653X/oJr7Fr46/Z8/wCS9Rf9c7r/ANBNAH2LRRRQAUUUUAFFFFABRRRQAUUVmeIfEOmeFtDuNW1u5W2tLdcsx6seygdyfSgDSZlRCzsFVRkknAAr5o+K/wC0JeXN9e+HPAZU2zIIW1KLJlZ8ncI8dsYAPXrXMfEn4va98U/EFvoHgqO9t9NkbyoraIlZrxmGD5mD93BI25xjJOe3rHwc+BNv4KK614oWK810OfJVG3Q2y8YIyAS/XntkY6ZIBxXwb/Z/j1ayTxD49t5PImAe0sGYqXGciSTvg9l7g5PUV9MwQRW1vHBbxrFFGoVEQYCgdABT6KACiiigAooooAKKKKACiiigAooooA+Uf2qr2ef4haTYLO8kEWmq6wBshJGlcE47EhU/ACvpHwTpVtovgXRtPso2jhhs49qsSSCRuPX3Jr5P8Xznxd+1BOdEgllZtWhiEbAKxMARHPXGMxsR7V9m0AFQ3lrFfWM9pcgtDcRtFIAcZVhg8/Q1NRQB8dfBF30T9oqLTreWS1tmlu7Z4y5AdAjlFbPXlVIz3Ar7Fr40+JTv4X/aYfVtXgkS2i1S2vxswWeFWU5UZ/2TwcV9kxuJYlkXoyhhn3oAdRRRQAUUUUAFFFFABRRRQAVHcQRXVvJb3MaywyqUeNxkMp4IIqSigD5q+MvwAkSb+3vh5YEhmAn0y2XG09A8YHb1H4+tM+Enx/vrbVI/DvxDuC0Xyww30q4eFhxiQ98/3jzX0xXjPxd+Alp42uZdc8Oyx6frGxmmjKfu7tscZx91vVuc9xnmgD2SKWOaMSQusiN0ZDkH8adXx98Lvi1q3wm1m48N+Lba6k0qORlltSMy2cncpk4IPdc4Ocg9c/WGga/pvifRLfVtFuVubS4XKuvUHuCOxHpQBo0UUUAFFFFABRRRQAUUUUAFfP37WX/Is+Hv+vyX/wBAFfQNfP37WX/Is+Hv+vyX/wBAFAHe/AT/AJIb4d/3Jv8A0fJXoled/AT/AJIb4d/3Jv8A0fJXolABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfHX7Pn/Jeov8Arndf+gmvsWvjr9nz/kvUX/XO6/8AQTQB9i0UUUAFFFFABRRRQAUUV5p8UvjTpHw4C2SRf2jq8qFltkfAi4O1nPpnHHUjNAHReOfiFoPgDR5bzWryMT+XugslcedOeg2r1xnv0HevlXVvEHjz49+I4LK3tXktoZMJBboRBahiSGkbpnAxuOM7eBmpvB3grxL8dfGlzrGuXUyWe/N1fEcKO0cY6dOg6Cvq7wX4L0jwJ4ch0fQoAkafNLKR88793Y9yf0GAOBQBhfDf4TaD8PNPha3gjudX8srPqDL8zZxkL6Lx9fzrvKKKACiiigAooooAKKKKACiiigAooooAKiuZvs9pNMBuMaM+PXAzUtcd8WdY/sP4Va9dremyn+yPHBKr7W8xhhQD6k0AfNvwRh/4TD9oNtZlP2VlkudU8pfmGWb7meOP3nX2r7Dr5d/ZP0mCfxDr2qyxMZ7W3ihhkyQoDli49CfkX6fjX1FQAUUUUAfKX7VWjraeN9K1YTFmv7RozHt4TyiOc987/wBK+jfAWq3OufD3QtUvtn2i7sYpZNi4XcVBOBXk/wC1bYwyeBtIvvs6tcRagI/P2ZZEaNyRnsCQv4gV0X7OWsf2n8IbOCS9NzcWMskLoz7mhXcdi+w24wPSgD1aiiigAooooAKKKKACiiigAooooAKKKKAOB+JPwk0H4hafO80EdrrPlgQagq/MCucK3qvP16emK+atH8R+PPgL4imsLm0eO2ll+e3uUPk3IVhlom6dDjcM4zyK+0657xt4J0jx74cl0jXIdyN80Myj54H7Op7H+YyDwaAE8EeN9I8e+HItX0Obcp+WaFv9ZA/dGHY/oeoroq+MvEHhnxt8AvEUF7puoyG0nKkXVvkRT458uRf6Gvo/4a/FzQviFpkCxzxWms7T5+nu3zArjLL6ryMH8O1AHfUUUUAFFFFABRRRQAV8/ftZf8iz4e/6/Jf/AEAV9A18/ftZf8iz4e/6/Jf/AEAUAd78BP8Akhvh3/cm/wDR8leiV538BP8Akhvh3/cm/wDR8leiUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV8dfs+f8l6i/wCud1/6Ca+xa+Ov2fP+S9Rf9c7r/wBBNAH2LRRRQAUUUUAFBIVSWOAOST2qO4uIbS2luLqVIYIUMkksjBVRQMliTwABzmvlb4n/AB11jxjqk/hnwEkv9nXB+zrJDExuLs5/gA5APTGMn2oA6/4x/H+z0/T5NC8B3q3N/NujuL+P7tsASpVM9XOOvQDpnPHG/DD4Fax411C28TeOppV0uY+a0c0rG5vMYwGJ5VT65zgYGMgjqfhD+zzb29lba949gdr1mWa304nAiXt5o7seDt7YGecgfQyqqKFQBVUYAAwAKAK+n6bY6TZpaaXZwWdsn3YoIwij14FWaKKACiiigAooooAKKKKACiiigAooooAKKKKACvGf2ntWt7P4Wx6fKJDNf3aCIqPlGw7jk9uK9mr5q/axu9Q8/QLPyT/Zu15RL5Zx52cbd3T7vOKAO0/Zj0e5034Sm6uDGY9Tv5bmDYckIAsXzccHdG34Yr2GviTwt8dvGPg/wzaaFo5sBZ2gYR+bb7m+Zy5yc+rGvor4H/FDUfiVo2oNrFpDBc6c0aNLCTiYuGOdv8ONvqaAPUaKK4b4uePLn4deBzrNjZx3cz3C2yrI5UKWVju6c429KAI/jdo9zrfwZ8QWtmYxJHAtyfMOBsidZW7ddqHHvivLf2TtZBi1/RPI5DJd+du/4Btxj2znNef6r+0T451nRr3TLxtO+z3tvJby7LXDbHUqcHdwcGtH9mHVbm0+Kb6fDs8i+tJBNlcn5BuGD25oA+vqKKKACiiigAooooAKKKKACiiigAooooAKKKKAKGt6HpniPSJtL1yzjvLKcYkikzg+4I5B9xzXyj8V/hNqnwt1+PxP4PlnGkiYSQyxk+ZYP/dY919Ce3B9W+vaZNBFcwtDcRJLE3DJIoZT9QaAPHPhJ8fLLxrcQaH4iiTT9YMYWObf+7u37gD+BvbJzzjsK9mr5o+LvwAv4dUfxF8O7ZpI2LTT2MLBXhYAtuiHU5x90c5xgGn/AAb+P8ouxoHxCvsiRiLfU7ghdh/uSHoB6N270AfSlFRwTxXVvHcW0qTQyoHjkjYMrqRkEEdQR3qSgAooooAK+fv2sv8AkWfD3/X5L/6AK+ga+fv2sv8AkWfD3/X5L/6AKAO9+An/ACQ3w7/uTf8Ao+SvRK87+An/ACQ3w7/uTf8Ao+SvRKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK+Ov2fP+S9Rf8AXO6/9BNfYtfHX7Pn/Jeov+ud1/6CaAPsWiiigArC8YeMNJ8EeHZtX1ucRxRjEcYPzSv2VR3NY/xG+J+ifDzRJbi8mjudQxtgsI5B5jsRkbv7q98n8M18v21p8Qvj74jSa4ke4toJfLaYqEt7JWJbAA64H1bG3J6GgCx408eeJvjl4vs9G0K0mjs9/wDotgrcA45kkI44GeegGfWvevhJ8FLD4dB9Q1CSPUNakyouAmFhX0QHofU11XgT4eaF4A0WGy0e1jNwqYnvXQedMTgnLdQMgfL0GB9a6mgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACmvGkn30VseozTqKAPP/jbBEvwX8SFYkBFsuCFH/PRa83/AGSv+QV4n/67W/8A6DJXpnxu/wCSK+JP+vZf/Ri15n+yV/yCvE//AF2t/wD0GSgD6Irxv9qH/kkcX/YTh/8AQJK9krxv9qH/AJJHF/2E4f8A0CSgA/Zkhjf4QkvGrH+0ZuSoPZK9hWGNGykaKfUKBXkP7MX/ACSA/wDYRm/klew0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV4n8WvgBZeK5LzX/AAyfsmsOu97YACK5fuT6MfX1617ZRQB8g/C740ar8MZ5vDfim1uLnTYZCggc4lsn3fMBn+Hqdvr06mvrHR9YsNf0i31PSLlLm0uEDxyIcgj/ABrifij8I9H+IejSmOGGy1tMvBfJGAXbAG2TH3lIAHPIwMdwfnHQ/FPj34EeI4tP1K3kjsXk82XTpiDFcryCUfnae+R3xkHpQB9o0Vh+EfF+keNvD8Or6FcebBIPmRuHiburDsRW5QAV8/ftZf8AIs+Hv+vyX/0AV9A18/ftZf8AIs+Hv+vyX/0AUAd78BP+SG+Hf9yb/wBHyV6JXnfwE/5Ib4d/3Jv/AEfJXolABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFfHX7Pn/Jeov+ud1/6Ca+xa+N/gDLHB8dFlndY40humZ2OAoCnk0AfZFePfFz48WfgO5OjaDFFqOs7T52X/d2mVO3djq2cHb6dcZGeL+Lf7Q4vLf+xPh1dTIzMVuNRjBVuGwFiPXnGdw6gjHeo/hX+z7c6rdWvij4gMXilJnGnSgl5mJBVpSex5JXvxng0Acr8MvhhrPxf8RT+I/FVxcf2U0pae6Y4e5fPKJ7Dueg/Svq/wAOeG9L8J6Db6RodsttaW64AHVj3Zj3J6k1pRxpFGEiRURRgKowBTqACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDg/jd/yRXxJ/wBey/8Aoxa8z/ZK/wCQV4n/AOu1v/6DJXpnxu/5Ir4k/wCvZf8A0YteZ/slf8grxP8A9drf/wBBkoA+iK8b/ah/5JHF/wBhOH/0CSvZK8b/AGof+SRxf9hOH/0CSgB/7MX/ACSA/wDYRm/klew149+zF/ySA/8AYRm/klew0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcv498A6P8QvDsml6xHtcZa3ukHzwP2Yeo9R3FdRRQB8Y+IdC8XfADxxBdaddSSWLSFra4APk3K90degbHUflxX0p8OPi14e+I1osenz+Rq0cIkubCQENHzglSeHXI6jOARnBOK6vWdD0vxFpr2GuWMF9aucmKdAy57Hnv718mfEj4X678IvFUHiHwlLcNpvnb7W4iyXtm6+W/qMZ5PUZz3oA+wq+fv2sv+RZ8Pf8AX5L/AOgCuh+EHx0tfHk39j68kNhrWMwhDhLkAc4z0bqcflXPftZf8iz4e/6/Jf8A0AUAd78BP+SG+Hf9yb/0fJXoled/AT/khvh3/cm/9HyV6JQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABX56WGnatq/iiXTvD8NxPe3UkkSxQHBdSSCD7Y6549a/QuvjR/gH8UIdSmubHSfJZnYrJHqMKtgn1D5oA9e+EPwC07w3YW+s+MbWO91xmWaOBiTHZ46DHRm5yScgHAHTJ9tr46/wCFLfGT/nhdf+DeP/45R/wpb4yf88Lr/wAG8f8A8coA+xaK+Ov+FLfGT/nhdf8Ag3j/APjlH/ClvjJ/zwuv/BvH/wDHKAPsWivjr/hS3xk/54XX/g3j/wDjlH/ClvjJ/wA8Lr/wbx//ABygD7For46/4Ut8ZP8Anhdf+DeP/wCOUf8AClvjJ/zwuv8Awbx//HKAPsWivjr/AIUt8ZP+eF1/4N4//jlH/ClvjJ/zwuv/AAbx/wDxygD7For46/4Ut8ZP+eF1/wCDeP8A+OUf8KW+Mn/PC6/8G8f/AMcoA+xaK+Ov+FLfGT/nhdf+DeP/AOOUf8KW+Mn/ADwuv/BvH/8AHKAPsWivjr/hS3xk/wCeF1/4N4//AI5R/wAKW+Mn/PC6/wDBvH/8coA+xaK+Ov8AhS3xk/54XX/g3j/+OUf8KW+Mn/PC6/8ABvH/APHKAPsWivjr/hS3xk/54XX/AIN4/wD45R/wpb4yf88Lr/wbx/8AxygD7For46/4Ut8ZP+eF1/4N4/8A45R/wpb4yf8APC6/8G8f/wAcoA+xaK+Ov+FLfGT/AJ4XX/g3j/8AjlH/AApb4yf88Lr/AMG8f/xygD6J+N3/ACRXxJ/17L/6MWvM/wBkr/kFeJ/+u1v/AOgyV5d4k+FnxP0Pw7eal4ghuF023QNOW1JJABkD7ock8kdqx/Angfxr4vgvZPBUcrpbMi3Hl3iwYJB29WGehoA+8a8b/ah/5JHF/wBhOH/0CSvHv+FLfGT/AJ4XX/g3j/8Ajlc/40+HXxB8LaCuoeL4pksDMsYL36TDeQSPlDnsDzigD6E/Zi/5JAf+wjN/JK9hr4b8GfDn4h+KdA/tDwjFM2n+c0eU1BIRvGM/KXHqOcVv/wDClvjJ/wA8Lr/wbx//ABygD7For46/4Ut8ZP8Anhdf+DeP/wCOUf8AClvjJ/zwuv8Awbx//HKAPsWivjr/AIUt8ZP+eF1/4N4//jlH/ClvjJ/zwuv/AAbx/wDxygD7For46/4Ut8ZP+eF1/wCDeP8A+OUf8KW+Mn/PC6/8G8f/AMcoA+xaK+Ov+FLfGT/nhdf+DeP/AOOUf8KW+Mn/ADwuv/BvH/8AHKAPsWivjr/hS3xk/wCeF1/4N4//AI5R/wAKW+Mn/PC6/wDBvH/8coA+xaK+Ov8AhS3xk/54XX/g3j/+OUf8KW+Mn/PC6/8ABvH/APHKAPsWivjr/hS3xk/54XX/AIN4/wD45R/wpb4yf88Lr/wbx/8AxygD7For46/4Ut8ZP+eF1/4N4/8A45R/wpb4yf8APC6/8G8f/wAcoA+xaK+Ov+FLfGT/AJ4XX/g3j/8AjlH/AApb4yf88Lr/AMG8f/xygD7For46/wCFLfGT/nhdf+DeP/45R/wpb4yf88Lr/wAG8f8A8coA+xabJGk0TxTIskbqVZGGQwPUEdxXx5/wpb4yf88Lr/wbx/8Axyj/AIUt8ZP+eF1/4N4//jlAHTfFb4A6jo+pXHif4eg/ZYh9peyicia3cEHMOOoH3sZBGOM8CvK/EnxI1jxX4J0vw/rxN1Lpc7PFeOxMjoVwFf1I/vdfXJ5rrv8AhS3xk/54XX/g3j/+OVnn9nf4mHroUf8A4Hwf/F0AfSPwE/5Ib4d/3Jv/AEfJXoleefBLwr4h8HfDmPSvFTqLhbmR4YFkD/Z4jjCZHH3tzcE/e/CvQ6ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOD+N3/JFfEn/Xsv8A6MWvM/2Sv+QV4n/67W//AKDJXpnxu/5Ir4k/69l/9GLXmf7JX/IK8T/9drf/ANBkoA+iK8b/AGof+SRxf9hOH/0CSvZK8b/ah/5JHF/2E4f/AECSgB/7MX/JID/2EZv5JXsNePfsxf8AJID/ANhGb+SV7DQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRWZq3iTR9DdE1fUILR5FLIsjYLAdcDvUOo+L9A0mK3k1HVbe3W5TzItxOXXrnHpzQBs0VyPirxV9h0vRb/R72E2t5qUEMkwwytEx+bk9K2tJ8S6NrqznSNRguvs5xLsb7n1zQtb+X/A/zDr/Xn/kalFYdp408OX+p/wBn2msW0t1uKiNW5JHUA9DWdY/EbQ73xpeeG1nVLm22BGLcSs2cqBjqMfrQtXYHors62iuf8c+ILjwv4PvdWsoYpp4FGxJs7SScc45rMg8Ta7pvivTNH8RQ6fMuqxu0Eunh1MZTBO8MTwdw5FC1dgeiOzorDv8Axn4c0vUPsOoavbQXOQDGzcjPTPpWPrXjA6R8QLGzur6GDSJbBriRmA5bL4IPXsOlK608/wDhx2O0orNtPEOkX2jtqtpqEEtgu7dcB/lGDg5/Kq+meL/D+sGYaZqtvcGBDJIEJyq+uD2piNqiuV8I/ELRvGMt1Dp8oWe3mkj8otkuqnG8cdDW5qetaboyxtql7DaiTOzzGxuxycUbK4dbF6is3TPEWkazYy3mmahBcW8JKySK3CEcnOelV9L8Y+HtZvPsml6tb3NxjPlq3JHtnrR1sHS5tUVkx+KdEm1t9Ii1OB9QQ4aAN8wOM49M81y978QbbwloTXmu6tb6s8upi1jNsoj8tWdVweOSgOT60f1+gHfUVzcWtrqPiHS5NN1y1NhcwO32Ty8vcEfxKx5AFTy+NfDcOqnTZdYtVuw4jMRbo3pnpmgDdorI1PxVoejTGHVNTt7aUIJNjtztJwDj0ya0LG+tdSsYrywnS4t5lDRyxnIYeoo3A4r43f8AJFfEn/Xsv/oxa8z/AGSv+QV4n/67W/8A6DJXpnxu/wCSK+JP+vZf/Ri15n+yV/yCvE//AF2t/wD0GSgD6Irxv9qH/kkcX/YTh/8AQJK9krxv9qH/AJJHF/2E4f8A0CSgB/7MX/JID/2EZv5JXsNePfsxf8kgP/YRm/klew0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBxutaaLv4reHrmW0MsdtbTMshQlY2wcHPQGs1b+Pwv8SPEF74jtbjyNRSE2N5FbPODGqANFhASpDbjzwd1eiUUlp+P4h3+X4Hi13ol1B4Nt5pNFuJrW48TJfR6cIwzJBkHlTwOhbB9a0NVgvfFuu69f+FLeeKL+xjaCWaFoPPmJyFAYA8DjOK9ZoosrW/rZR/JDTalzf1vf8zyfUruz8SeDtF8OaLpd3DqdvLb/uXtXiFiYyN53kBTjBHyk5zW3psn9k/F/V1vknUalaW62sohdkkKb9wLAYU8jriu9oq+bW/e/wCJNvd5fT8Hc868eaj/AMJX8KtY+wafqCMJDD5M0BSRirYJUDJx6GmroK+D/iDpd3p9vdXVhqcBtZDPJJctZyjkMruWZVYE5GcZAr0eipWn9eVhvU8p0jUbbQfDOuaD4h0q6l1W6nnJhS1eVb/zMhCHAKjIwPmIxiqFpp0/hjxN4Ql17T7m7j0/SAk9wkJmFu/z88Ak446ZNey0UrbP0/BNfqN63Xr+LT/Q8Xn0vUb/AE3WtastMnfSLrxBFeiyaMpJNBHGqO+w88uu7B5OM10klzb+LviD4cvtAtrlYtL817u7kt3gCo0bKIsOAWyxB4yBt+leiUU1pZdv8rfoJ638/wDO5554I1FNAh8R2l/bXf2m31C5ujEls58yMuSCjY2sSO2ar+NdWtLy88D6tPp1zLbSXLz/AGeSDMsYMYOSnqPTk16XWff6LaalqOn3tzv87T5Gkh2tgZYYOfWlrZeVvwB6387/AInlmr6dqPiaLxhqfh6xnayu1tI1hkjaFr3y5N0uFbBGUyuSBnNbGp3tp4w1Dw1b+HrK6WbT7uO4lle1eAWsa/eXLAA56YGa9LoprS3lb8Aet/P9Tymzkk0nxtFa+FzdXNteajJLf6XqGnnFqxLbpopsADJxwS/3uMdKzrrTb4fDjUm+x3BMHiaO7ZBExYxLPEzMFxk8Anj0r2eihXVn2/zT/QHq3fr/AJNfqee6m0ms+PvD9/pcczQPp1wFmaF0CsVOM5AI/GsC1uoI/hTJ4Ou9Iuzr7K8Elr9lcrJOXJ87zcbMHO/O7PbrXsNFKytbp/wb/qCunc4HQdGmtfiNbPfW5lktdBSIXLx5w+5QwDY64z+FW/hbbT2ng0w3MMkBW8n2pIhXC+YcYB7V2dFVf9fxdxWt+H4Kxwfxu/5Ir4k/69l/9GLXmf7JX/IK8T/9drf/ANBkr0z43f8AJFfEn/Xsv/oxa8z/AGSv+QV4n/67W/8A6DJSGfRFeN/tQ/8AJI4v+wnD/wCgSV7JXjf7UP8AySOL/sJw/wDoElAD/wBmL/kkB/7CM38kr2GvHv2Yv+SQH/sIzfySvYaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDg/jd/yRXxJ/wBey/8Aoxa8z/ZK/wCQV4n/AOu1v/6DJXpnxu/5Ir4k/wCvZf8A0YteZ/slf8grxP8A9drf/wBBkoA+iK8b/ah/5JHF/wBhOH/0CSvZK8b/AGof+SRxf9hOH/0CSgB/7MX/ACSA/wDYRm/klew149+zF/ySA/8AYRm/klew0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHB/G7/kiviT/r2X/0YtfL/wALPjBdfC+11KG10iHUBfvG7GSYx7NgYdgc/er7ZngiubeSC4jWWKRSjo4yGB4IIrl/+FXeA/8AoT9F/wDAGP8AwoA8N/4a01L/AKFS1/8AAxv/AImuR+JXx2vPiP4VXRLnQ4LBFuUuPNjuC5yoYYwQP71fUH/CrvAf/Qn6L/4Ax/4Uf8Ku8B/9Cfov/gDH/hQBxP7MX/JID/2EZv5JXsNVtP06z0mwisdMtYbS1hG2OGFAiIPQAdKs0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/2Q==)

Fig. Robot layout

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAGAAAISodpAAQAAAABAAAIUJydAAEAAAAMAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERlbmlzAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMwNwAAkpIAAgAAAAMwNwAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDoxMjoxNyAwODo0MzozNQAyMDIwOjEyOjE3IDA4OjQzOjM1AAAARABlAG4AaQBzAAAA/+ELGGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjAtMTItMTdUMDg6NDM6MzUuMDY2PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRlbmlzPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAvoEtQMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APpGiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKz49d0ya+NnFeRvcBipjXJII6g+lK6WhcYSlflV7GhRWYviPSGvRaC/i84tsC88n0z0qjJ4ijsfEt9b6ldpFaxRRtGCvcjnoM1LnFW1NY4atJtcrva+z16aHQ0VTl1awh05L6S6jW1kAZJc5DA9MVAPEWmSadcXsF0ksVuCXxnI/DGablFbshUarV1F9tupp0VleHvENp4i02O6tDtZlDPGckoT2zjmpptb0231BbGa7jW5bGI+c89PpT5kOVCrGbpuLut0X6K5uDxRb2urapBq97HFHBMqwhl6DGT0H6mti91ew06JJLy5SJJPunk5/KpU4tXuVPD1YSUeXfbz0uXKKpf2zp39nx332yIW0jbUlJ4J54/Q0ljrOnak0q2N3HMYeZAONvvzVcyvYz9lUSb5XZeReorOtvEGlXd59lt72N5ySAgzzj0PQ1o0Jp6oU4Tg7SVgoorNHiHSjfCzF7H9oLbAnPJ9M9KLpbhGE535VexpUVm3fiHSbCeSG7voopI8b0OcrkZGfwrQjkSaJZImDo4yrDoRQmnsEqc4pSkmkx1FZo8Q6Ub4WYvY/tBbYE55PpnpTptd0yC++xy3ka3O4KYuSwJ6UuaPcr2NW9uV99uhoUVn2+u6ZdXf2W2vI5JhnKLnjHWmReI9InvBaxX8TTFioXnk+gPSjmi+o/YVf5X9xp0VU/tWxMN1L9qj2WjFJ2z/qyADg/gR+dOOpWYNsDcJm7OIOf9Zxnj8ATTuiPZz7P+tfyLNFV72/tdOtzPezLDGDjc3rUMetadLp7Xsd3GbdDhpOeD6Y60cy7jVObXMk7F6iqFrrmm3tvNPa3cckduN0pGRsGM5OfpUUXiXR55Ujh1CJmkcImM4Zj0ANLmXcr2FXX3Xp5GpRVaTULSK6NtLcIkyxeaUJ5CZxu+magstd0zUbgwWV5HLKBnYMg4/HrT5lsT7Ko1zcrt6GhRXL+JPFdva2LppV9EbxJlQqBuxzgjkYra1nUU0nRrq9kYDyY2ZcjgtjgfnUe0jZvsavDVUo3XxOy/D/ADL1Fcx4f8Q27aBFqGq6wsvnkDMkaoI2IJ2jAGfxzWtJr+lxWKXkl4iwSHCOQfmPsMZquaPcKmFqwm4Wb1ts9/uNGiqMWtadNp730V5G1tH9+TPC8459KgTxPoztIF1CEmNd7DJ6eo9fwo5o9yFQqu9ovTyNWiq9jf2upWwuLGZZoiSNy+o6iq99r2mabMIr68jhcjODk4HvjpTcktWSqVRy5FF37WNCimo6yRq8bBlYZBHcVStNb02+unt7S7jlljzuVc9uvPei6vYShJptLbcv0VljxLozTmEahDvD7MZPLZxgHvzVsalZsLki4Qi0z5/P+rwM8/hS5o2vcqVGpHeL+4s0VQuNc021tYbme7jWGYbo25O4eoxStremppyX7XkQtZDtWUngnnj9DT5l3D2NS1+V/cXqKzm1/S0sVvGvEEDNtV8Hk+wxmrNlf2upW/n2M6zR5I3L2PpRdPYUqVSK5nF29CxRVCbW9Ng1AWMt3GtycYj5zz0+lZUHii3tdV1SHV72OKOCYLCGXGFxznA/U1PPFdTSGGqzTai9r7b+h0lFU73V7DTo0kvblIlk+6eTn8qT+2dOFhHem8iFtI21JSeCeeP0NVzLuZqlUaTUXZ+RdoqjY6zp2pGUWN3HKYf9YBxt/OmW3iDSry8+y217HJNzhBnnHoe9HMu4/Y1Vf3XpvpsaNFQT3lvbTQRXEqxvcNsiVv4zjOB+FIl/ayXE8Ec6NLbgGVQeUz60XRHJK17FiisR9YibULe5h1WH7C9q0ogCZaQf3w3XFZx8aQal4VvL/S5PKuYc/Iw3bQJNueRjkc1DqRV7nTHB1pWstNF10b7nWUVm6ZrlhqTLBb3cctwsYZ0HB7ZNaVaXT2OecJQfLJWYUUUUEBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVymi6bMml+IRBCYbq6u5yjspBbIwpz6V1dFRKCk9ezX32N6dZ04uK62/A4CeRL3wOnh6LTrhdTZVi8owMFjcHJk8zG3j72Qc1eaZNK8YXtzfWdw8bWkca3CQGTnHK8Ann6V2NFS6bbvfX/gNfqdbxyd48ujvfXq7X1+X/AA559ZWN5plpoV9fWcrWcM1zK8KoWa3Ej7oyVGScDjA6ZrWtYjq3ia+1OxgljtmsTbb5IzH50hII+VgDwAeSO9dXRR7JWt0/4FhTxzneXLq7+lm77f195z3gmYf8IvaWjxyxz2sYjlSSJkww9CRg/hWTqxay8QTzaMLn7bczRi4sp7QyQzgBQHDjhSFHUnt0rt6KpxbtqRHFqNaVXl+Lp+Pbb8fM5FLJ2/4St3tTvnjKoTHy48s8A9+aoia8trfRIrpryxthYjfcWtt5kpkx9w5Vio/D8a7yio9l2f8AWv8AmXHHfzRv/wANbzPMVilg8Fn7Xa3MgOtb1iuEAkdSSc44HPXjitW/t5/EOqahNosU0CDSpbXzJYmi3yNjaoyAeMHnoK6+/wBPg1KKOO5DFY5VlXacfMOlWqn2OnK3p/wLG0sxv78Y+9d+mtunXY4TSLG0vG0uGe61uSe0ZXFtJAiJCw9W8sDH0Y12N/ZyXsKpFe3NmQc77cpk+3zKRVqitlHSzOOtiXVmpJWt6P8AQigie3tViM0lw6LjzJSNzn3wAP0rzS7e9vdNtkmbUhfLeK0ljFaBIIMN2OzkD1DGvUKKmUOZ3uXhsX7BuXLdvX8/Lz6WOWjsmOu+JpntiTJAixuY/vjy+QD35rQ8KpLD4SsUlRllWLBRwQRyeDWzRRGHKZ1MS6kORrt+CseX3b3t7ptskzal9uW8VpbGK0CQQYbsdvIHqGNdfpNns8aa7dvAVMghVJWX7wC9AfrXQ0Uo0+V3v/VrHRWx7qQcIxsnf8Wn28jkNL0u5/4QvWbeziMF5dNcbCwKlmIwpz/Wqd3LHqvhe00Sy0+4ivlKL5bQMgtyvVt5G3j2JzXd0UKnZW8kvuEsc+dza1vzLXr590cXq1hPF4oezit5JLTWfKaZ1UlUaPO7cegyAgp3hu0updeCXcMiRaOjxRF0IDs54YHvhcjj1rsqKI00nf8Ar+kJ46Tpezt0tf8AC/8A4Doc74mjkj1LSb9onmtLWZjOsaFyuRgNtHJx7VW1vU2udHFzpNrNHE12iz3H2T94q45kVCMkjhckfga6uim4b6mcMSoqF435fyvfbv8A1Y8+s4ZptS8QSwtqN1DLphSOa7h2NI2DwAFX17jNbD6MZPAFpbWsIiuLaFJYVK4Kuoz+ddTRUqkkmr/1dv8AU1qY6UmnFWs0/uVjgp7C98QeH9Y1VIZorm98tIYWTbIsUZBK/N3Lbz78Vb0qztL7VLKdL3Wbi5tY22i5gWNIcqVIJ8tc9cYBNdlRT9krjlj5OLilbt5KyVttdF5HmTqy+B7XRTpt02oW1wvmgW5IUhuX3dDnrwSa7/W0aTw/foilma2kAUDJJ2mr1FHs/dab3M62M9rKMuW1m3v1dv8AI4ufT3uPDnhiCa1eQR3ULSIyE7cZ6jt+NXdWZtP8YWmpXdvJLYrbGISRRmQwvnrtUE8jjIFdPRTcNbrvf8LB9cbeq01/8mOAvbOW+s/E+o2lpMltexxJDGYyGmZT8z7CMjqByM/LWnLp+fE3hlhafu4LeQE+VxGdnHbjmusopKml+H6/5lvHSasl3X3xUfyRz3hiCWHUNd8yJ41e/Zk3KQGB7isTXZ7uTUdat7p9QtQYwtrDY2oYXQKcl3KNznIwSuAK7yilKleKjcmGM5arquN72/C3k+xk+G0lh8KWKzxyCRIAGRhhs+nNczpaTw3g03RDcTaeYZPkvLQo9mSvAWQgAgntz9a7yiqlDmZMMXyubt8X3dfyvpseaT3MSeFdC0ySxnju7S8iSbfAVWNgxBO48Hceflz71p3Mr6dN4mtJLS7lmvgXtxFCWEmUI+90GPciut1HTLfVIYorsMVilWVdpx8y9Kt1m6Tad3v/AJWOqWYQaXu9W3r5p7/L/g9TghLd2tvokNy15YWosF3T2lt5kpkx9w/K20fh+NVbLTp5vCUcFxa3Lg635myeP5ymSdxAGPfjivR6Kv2d5Xb/AKun+hP9otLSNne/5+V+vc5DxNaSx+JdNv3nvLeyihkiMtlGHaJjjB27W4IBGQO9aXhiytbdLy5tJb6b7VLveW8QIZDjGQoVSPxArdopxhZ3OaWKlKiqVttPle/b9fkcRqpay8QTS6L9pN5czoLmyntC8M4G0bw44UhR1J7dKsCxdovFjPaHfOjKpMfLjyzwOOea6+ipdK6av3NPrr5Uktra+jT/AE/4JwfnXlvDosV295Y2wsF3XFrbeZKZMfcOVbaPw/Gs5YpLfwUn2u1uZB/be8RToBI6kk5xwPfjivTaq3+nQajHElyGIilWVdpx8w6fzpSptu9/6un+hvTzCKaTjbW7/H59e/ocfqNtceItR1KbRYpoF/sqS2EksbRb5G+6oyAeMdaNJsrS8k0uKa61uSe0ZWFtLAiJAwHdvLUED2Y13VFUqdnf+t7/AKmf198nIlZLbvtbV2/yMTxXZvc6L59uheezlS4jCjJJU8gf8BJrlLqPUhZx3trbTx3OuJJbyDyzmFpCNrMO2Md/WvRqKJU1J3/r+rGeHxrowUeW9n/S+/U5Z9Oa28X6XFbQuLeDT3iDBflXsBmsu1DnwBqOlNbz/a4ZZN8RgbkNMSMHGG49K72ih07313v+I445pJNXtZ/NNv8AU5eW0ePxX4eaG3ZYo7aVXKJhV+TofTmuooorRK1zlq1XU5b9Fb8W/wBQooopmIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFZ8eu6ZNfGzivI3uAxUxrkkEdQfStCuU0XTZk0vxCIITDdXV3OUdlILZGFOfSs5SaenZv8jpo06c4yc3ta3z/AMjYXxJpDXotBfxecW2BecE+melUZPEUdj4lvrfUrtIrWKKNowV7kc9BmsGd0vfA6eHotOuF1NlWLyjAwWNwcmTzMbePvZBzV5pU0rxhe3N9Z3EkbWkca3CQGTkDleATz9Kzc3pr/VmeisJSjzKzbs9NLuzjZr117/M6WXV7CHTkv5LqNbWQBklzkMD0xUA8RaZJp1xewXSSxW4JfGcj8MZrkbKxvNMtNCvr2zlazhmuZXhVCzW4kfdGSoyTgcYHTNa1rEdW8TX2p2MEsds1ibbfJGY/OkJBHysAeAOpHem5ya03/wCBf/gGcsHRhd3bSvrpbR2t6ta/pY1vD3iG08RabHdWh2syhnjOcoT2zjmquqarqaeJrXSdLFovnWzztJcIzY2sBgBSPWqXhzVk0vwTbLPaXrzWaLFLDHbNvDdOM4BHuDRrGkrq3jqx+0xXH2cafJmSN3j2tuGBuUjn2pyk2lb+tGCo04Ymd1aK5rX12XyuaWha49/DejUFihlsJjFNIh/dtgZyM9BVmy8QaVqNx5Flexyy4yFGQSPbPWuRk0/UP+EU1TRYrR5ZLO6jcHbt+1w7wxG7gFioINaF3PFr+paOul21wrWk6yyyyQPEIkHVcsBnPTAzSjN6L0/4P3FVMJScpSW2u2y0TTf+K+m3bUs6X4qtla8TWL6NJEvZIYgRjCggAHA9+9bN/rGn6YqG+uki8z7gOST+ArilkW20rxDYzaZc/ar67l8grblhPnAB3AcAH1x7VesxL4f8QJcazDLJE9hHDHcRRNLsdfvKQoJGeOcdqmFSXKk+y1+X9feXVwdJyclf0VtdFt9/nsbGreLNO0zQf7VSRbmEnCBD94+nTitSxv7fUrVbizkEkTdGAI5/GuIudNubjwx4guba0ljjvZ/OggK4YqOrbeoJ64rqo9dtzHp/lW93Kt2xjVhbsojIHJcNgqPfFaQm2/e8vxOevhqcaaVJNu7vr5J2/P7mTNrempqQsGu4xdEgeXznJ7Z6VXtNQWD+0pb/AFSGaGCcjhdv2df7h9TXP3jSWXiInRBcvNc3afarG5tC0TDcuZVk6KQAT1PTpVS+sLtrfWZfsk0kaask7xBDmWMHnA71HtHv/XQ2hg6bSV7Jpb2vuvLTy6Pvub1r4jXUPGMdpY3SS2JsmlYBcYcPjqRnpWnD4g0qe+FnFextOSVCc8n0B6GuYuQ+teLLmfTLW4jSTSZIVuZITGHfPA5we+OQKraTp1tc22mWN7da21zayo/2UwKscbqc53+WBt78NkiiM5aL+t2XPCUXHmd1ZLTqt9Xp/kdZperS32sapaSRoqWUqojLnLAqDzU1/rmm6ZKI767SFyM7TknHvjpXP6fqMOk+Kdc+3JcoJ50aNltZHDDaB1VSKoz2xtfEusS6je6paw3xR4Gs4BIsqbAu0/u2IIIPBwOfrT9o+VWMlg4Squ90uVNW66K9tH3udfc63ptmkT3N5EizKXjJOd4HcetEetadLprX6XcZtVyGlzwCOornrXSI7XWPDscNvcNb28MxDXKhmQkZGSOAaxtWiuobXVEihkWSXWkaAbAS3PVVJUN+YolUkm9P60/zCngqNSSipP1025mvy1OnuvHGhwWlzLDepcSW8e9olBDe3biq954silsNLvbC4WOGe6SOfcv3VIJI5H6ismOOWf8At6O+S4XWr6yDLE8CxK8aAgbQrvk5Jzlu44q3Nt1PRfDyR20sggu4VmSS3YbcDnIYdPfpU803+H5/1c3+rYem1ZN673uvhv2XW9n5HU6fqtjqiu2n3KTiM4fbnKn6Gm6hq9hpYX7fcrDv+6CCSfyrLsIJU8e6pL5TrE9tFh9pCsR79zVTxBc3MXiREnkvLOy+y5SextxJJLJuOUJ2tgAYxwB8x5q3NqNzhjhoSrcq2sn57Xts/wAjel1vTYNOS+lvI1tpCAkmchifSrFrdwXtss9rIJYn+6w71wWnWSDwhajUjqVnNDeSSW9wkG94WwcFkAOQcnoMc9q6rwxcX13ovm6jEkcrSPtZYjF5i54coSSCRzg04TcmVicJClBuLvZ2/wCG7/f8ir4k8UWun6bex2d9GuoQqNq43YORx0xnB6VZtdQcagz3epQ+Stisz22wBk6EyE+ntXJXAa38K6zo0+nXM2oPeSyALblhIGcMsm7p90gdc8dK0ZrS4Op37CCUhtB8sHYeWx936+1Y+0l8Xl+jZ2PC0o0+X1101Xu6ry3t+Z0MfifRZZfLTUYS23cOeo9j3qzZ6vYX9rJcWl1HJFEcO2cbTjPOenBrkzphOl+EIzZEiGRDIvlfc+UZJGOKj1bS768uvFcdpFKvnC2ZNq48zaPm2k8E4FaSqSjfT+rXMfqeHk7KTXm7fzcv/BOsstd0zUbgwWV5HLKBnYMg4/HrUcfiXR5biOGPUIWkkbagBPJ9M+tYWj2lne6xYXAvNZuZ7RGKrcwLHHDlcEE+WueuMAmqDafMnw7ijjs5Fn+1hyqxEN9/rjGfxo55af12F9Toc/K2+i9L37ryXRb/ADOxm1vTYNQFjLdxrctjEfOeen0qjZeLdPvdfudKR9s0JVVY5/eE5yBxxjFYuql7LxBNNov2k3lzOgubKe0LwzgbRvDjhSFHUnt0rQ05zZeOdTW5ilT7YkRhYRMyNgNkbgMD8cUKcm0hfVaUaTlZt8t1r1ur6W2189Ova/puqR2+gi71PVYLpVZg1yibFPPTA9OlWrPW9O1CKWSzu45VhGZMZBUYzkg1xNha3Vpo+i3VzZzPbWl5M9xF5ZLKCx2vt6nHtWnIv9seIrrU9Pt5ltotNkt3leJozM55ChWAJwO+P4qUakuVf10uXVwdLmk799dLKzta3d/rsb9t4i0m7uo7a2vopJZPuKCfm78H8K0q4h7CWPw/4YSG1dHivonkCRkFBk5J9Peu3rWDbvf+tEcOJo06bXs3pr+DsFFFFWcgUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVHVNJtdXt0iuw4Mbh45I22sjDuD2q9RSaTVmVGcoS5ouzM2w0K2sLxrvzJ7m5ZPL865k3sFznaD2Ga0qKKEklZDnOU3eTuFFFFMgKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvnhviJ411DUpUsL6ZmZ2KwW1urbR6AYJwK+h68A+Ev/ACUlP+uU38q48TzOUIp2ufU5CqUaGJrVIKXIk1dX7jf+Eq+JP9/VP/AH/wCwqO48ZfEK0gaa7udQgiXGZJLMKo7dSlfQtcb8V/8Akm2o/wC9F/6NWonQlGLlzvQ6MLnGHr4iFF4WC5mlsur9Cv8ACrxJqfiPQLp9XmE8tvPsWTaASCM844713VeYfA7/AJF7Uv8Ar6H/AKAK9PrpoNukmzxM5pwpY+rCCsr7L0QUUUVseSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeAfCX/kpKf9cpv5V7/XgHwl/5KSn/AFym/lXHiP4lP1/yPqMm/wBxxn+Ff+3Hv9cb8V/+Sbaj/vRf+jVrsq434r/8k21H/ei/9GrW9b+HL0Z4+Wf79R/xR/NGF8Dv+Re1L/r6H/oAr0+vMPgd/wAi9qX/AF9D/wBAFen1OH/hROnPf+RlV9f0QUUUVueMFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeAfCX/kpKf9cpv5V7/XgHwl/wCSkp/1ym/lXHiP4lP1/wAj6jJv9xxn+Ff+3Hv9cb8V/wDkm2o/70X/AKNWuyrjfiv/AMk21H/ei/8ARq1vW/hy9GePln+/Uf8AFH80YXwO/wCRe1L/AK+h/wCgCvT68w+B3/Ival/19D/0AV6fU4f+FE6c9/5GVX1/RBRRRW54wUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV4B8Jf+Skp/1ym/lXv9eAfCX/kpKf8AXKb+VceI/iU/X/I+oyb/AHHGf4V/7ce/1xvxX/5JtqP+9F/6NWuyrjfiv/yTbUf96L/0atb1v4cvRnj5Z/v1H/FH80YXwO/5F7Uv+vof+gCvT68w+B3/ACL2pf8AX0P/AEAV6fU4f+FE6c9/5GVX1/RBRRRW54wUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV4B8Jf+Skp/1ym/lXv9eAfCX/AJKSn/XKb+VceI/iU/X/ACPqMm/3HGf4V/7ce/1xvxX/AOSbaj/vRf8Ao1a7KuN+K/8AyTbUf96L/wBGrW9b+HL0Z4+Wf79R/wAUfzRhfA7/AJF7Uv8Ar6H/AKAK9PrzD4Hf8i9qX/X0P/QBXp9Th/4UTpz3/kZVfX9EFFFFbnjBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUjuqIWchVAySe1U/7XsP8An6j/ADrGpiKNJ2qSS9WkXGEpfCrl2iqX9r2H/P1H+dH9r2H/AD9R/nWX17C/8/Y/eivY1P5X9xdoql/a9h/z9R/nR/a9h/z9R/nR9ewv/P2P3oPY1P5X9xdoql/a9h/z9R/nR/a9h/z9R/nR9ewv/P2P3oPY1P5X9xdoql/a9h/z9R/nVe/8RWFjYy3IaS58sZ8m3XdI/PQDjNH17C/8/Y/eg9jU/lf3GrRXleo/tEeC9IvpLLU4tWtrmP78cllgj/x6qv8Aw018Pv8Anpqf/gJ/9euqMlJXTujNpp2Z69RXkP8Aw018Pv8Anpqf/gJ/9ej/AIaa+H3/AD01P/wE/wDr0xHr1FeQ/wDDTXw+/wCemp/+An/16P8Ahpr4ff8APTU//AT/AOvQB69RXkP/AA018Pv+emp/+An/ANej/hpr4ff89NT/APAT/wCvQB69RXkP/DTXw+/56an/AOAn/wBej/hpr4ff89NT/wDAT/69AHr1FeQ/8NNfD7/npqf/AICf/Xo/4aa+H3/PTU//AAE/+vQB69RXkP8Aw018Pv8Anpqf/gJ/9ej/AIaa+H3/AD01P/wE/wDr0AevUV5D/wANNfD7/npqf/gJ/wDXo/4aa+H3/PTU/wDwE/8Ar0AevUV5D/w018Pv+emp/wDgJ/8AXo/4aa+H3/PTU/8AwE/+vQB69RXkP/DTXw+/56an/wCAn/16P+Gmvh9/z01P/wABP/r0AevUV5D/AMNNfD7/AJ6an/4Cf/Xo/wCGmvh9/wA9NT/8BP8A69AHr1FeQ/8ADTXw+/56an/4Cf8A16P+Gmvh9/z01P8A8BP/AK9AHr1FeQ/8NNfD7/npqf8A4Cf/AF6P+Gmvh9/z01P/AMBP/r0AevUV5D/w018Pv+emp/8AgJ/9ej/hpr4ff89NT/8AAT/69AHr1FeQ/wDDTXw+/wCemp/+An/16P8Ahpr4ff8APTU//AT/AOvQB69XgHwl/wCSkp/1ym/lXQ/8NNfD7/npqf8A4Cf/AF64rwFrsGheLv7SmR5EEMm1F4LEjge1cWJaU4N9/wDI+myiUYZfjZS2UV+Uj6Trjfiv/wAk21H/AHov/Rq1xeo/GK7sb5b68kgtNNjPzw7QS659TyWwR0xXH+Ivija+OZ75NK1S4azZh5dnITH8oIOSnQ896qpWjKnLlR8zlOPp1MbQdNNr2kVt3a19D0f4Hf8AIval/wBfQ/8AQBXp9eHfDHxpp/hfR9Qi1GK4cPKJV8hN5bgDGK15/wBpPwHbTvDcf2pHJGdrK1ngg/nVYaSdJJHq53UhLM60U9U9fuR61RXkP/DTXw+/56an/wCAn/16P+Gmvh9/z01P/wABP/r10nlHr1FeQ/8ADTXw+/56an/4Cf8A16P+Gmvh9/z01P8A8BP/AK9AHr1FeQ/8NNfD7/npqf8A4Cf/AF6P+Gmvh9/z01P/AMBP/r0AevUV5D/w018Pv+emp/8AgJ/9ej/hpr4ff89NT/8AAT/69AHr1FeQ/wDDTXw+/wCemp/+An/16P8Ahpr4ff8APTU//AT/AOvQB69RXkP/AA018Pv+emp/+An/ANej/hpr4ff89NT/APAT/wCvQB69RXkP/DTXw+/56an/AOAn/wBej/hpr4ff89NT/wDAT/69AHr1FeQ/8NNfD7/npqf/AICf/Xo/4aa+H3/PTU//AAE/+vQB69RXkP8Aw018Pv8Anpqf/gJ/9ej/AIaa+H3/AD01P/wE/wDr0AevUV5D/wANNfD7/npqf/gJ/wDXo/4aa+H3/PTU/wDwE/8Ar0AevUV5D/w018Pv+emp/wDgJ/8AXo/4aa+H3/PTU/8AwE/+vQB69RXkP/DTXw+/56an/wCAn/16P+Gmvh9/z01P/wABP/r0AevUV5D/AMNNfD7/AJ6an/4Cf/Xo/wCGmvh9/wA9NT/8BP8A69AHr1FeQ/8ADTXw+/56an/4Cf8A16P+Gmvh9/z01P8A8BP/AK9AHr1FeQ/8NNfD7/npqf8A4Cf/AF63PCfxu8G+MtYbTdLup4ZlhaYtdxiJNoIGMk9fmHFAHoVFUP7e0j/oK2X/AIEJ/jR/b2kf9BWy/wDAhP8AGgC/RVD+3tI/6Ctl/wCBCf41n6v478LaDbpPq2vWNvFI+xWMwbJxnHGfSgDforif+Fy/Dz/obNP/AO+j/hR/wuX4ef8AQ2af/wB9H/CgDtqK4n/hcvw8/wChs0//AL6P+FH/AAuX4ef9DZp//fR/woA7aiuJ/wCFy/Dz/obNP/76P+FH/C5fh5/0Nmn/APfR/wAKAO2orif+Fy/Dz/obNP8A++j/AIVW1D44fD2wsJboeI7e68sA+TbAvI3OOBxmgDv6K8h/4aa+H3/PTU//AAE/+vR/w018Pv8Anpqf/gJ/9egD16ivIf8Ahpr4ff8APTU//AT/AOvR/wANNfD7/npqf/gJ/wDXoA9eorK8NeJNN8W+H7XWtEm86zuVyjEYII4KkdiDwa1aACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoormta1oyk2tm3y9Gcfxewrz8wzCjgKPtKm/RdWzejRlWlyxI9Z1KS+uvsdod0QOPk/jP+FZl3ZT2UojuE2kjII6Guh0TRfs225uh+96qv9z/AOvV/U9PXUbXyydrKco3oa+SqZLiswoTxdd2qvWMey7eX9X6npRxVOjNU4fCt2Y0HhuK4hWWK+3KwyCI/wD69Sf8IqP+fw/9+/8A69UbO8uNEvGhnU7M/On9RXWQzR3EKywsGRhkEV05Zgsqx0HGVLlqR+JXl/nt+RniKuJou6leL2ehg/8ACKj/AJ/D/wB+/wD69H/CKj/n8P8A37/+vXQ0V6/+r+Wf8+vxl/mc313Efzfgjnv+EVH/AD+H/v3/APXo/wCEVH/P4f8Av3/9euhoo/1fyz/n1+Mv8w+u4j+b8Ec9/wAIqP8An8P/AH7/APr1geOIv+EO8E6n4gU/bDYxCTyCNm/LAY3c46+legVwfxu/5Ir4k/69l/8ARi0f6v5Z/wA+vxl/mH13EfzfgjxzwB4V0f4/axrut+KEu7FrLyILeGynUAIQ5O4sp3HI64Fdx/wy34E/5+9a/wDAqP8A+N1zv7JX/IL8Uf8AXa2/9Bkr6Jr2aVKFGCp01ZLRHLKTk3J7njH/AAy34E/5+9a/8Co//jdH/DLfgT/n71r/AMCo/wD43Xs9FaEnjH/DLfgT/n71r/wKj/8AjdH/AAy34E/5+9a/8Co//jdez0UAeMf8Mt+BP+fvWv8AwKj/APjdH/DLfgT/AJ+9a/8AAqP/AON17PRQB4x/wy34E/5+9a/8Co//AI3R/wAMt+BP+fvWv/AqP/43Xs9FAHjH/DLfgT/n71r/AMCo/wD43R/wy34E/wCfvWv/AAKj/wDjdez0UAeMf8Mt+BP+fvWv/AqP/wCN0f8ADLfgT/n71r/wKj/+N17PRQB4x/wy34E/5+9a/wDAqP8A+N0f8Mt+BP8An71r/wACo/8A43Xs9FAHjH/DLfgT/n71r/wKj/8AjdH/AAy34E/5+9a/8Co//jdez0UAeMf8Mt+BP+fvWv8AwKj/APjdH/DLfgT/AJ+9a/8AAqP/AON17PRQB4x/wy34E/5+9a/8Co//AI3R/wAMt+BP+fvWv/AqP/43Xs9FAHjH/DLfgT/n71r/AMCo/wD43R/wy34E/wCfvWv/AAKj/wDjdez0UAeMf8Mt+BP+fvWv/AqP/wCN0f8ADLfgT/n71r/wKj/+N17PRQB4x/wy34E/5+9a/wDAqP8A+N0f8Mt+BP8An71r/wACo/8A43Xs9c7rvjjR9BLRyzfaLlTgwQnLDp17DrnmplJRV2Z1KsKUeabsjzr/AIZb8Cf8/etf+BUf/wAbrndd+Cfwr0IMkmo61c3I6QQXUbEHkcny8DkYPf2ro9R8Y+IfFc5s9Oikjjcf6i2BJIxzk+lbGh/CyWRhP4hn25OTBE2SevVvyPFc3tpT0pr5nkvH1cQ+XCQv5vb+v6seQaJ8ONJGrMNE0y4u3Zh5aXDiYxg8ckKoxz1Irb+H2h22veME06+aWOIxSEmJgGBA9wa+htO0qx0m3EOn20cCD+6OT9TXhnwl/wCSkp/1ym/lWFSm1Uhzu92fZ8O4WcMBjvby5nKKv22kdHf/ALN3hHVJ/O1DVNenf/au48DjHA8vA6Cue8T/AAH8J+CPD1xr2j3GqPd2xUItxOjIdzBTkBAejHvXvtcb8V/+Sbaj/vRf+jVrtqpKlJLscmVxUcbRSVlzR/NHm3gLwX/wk/h2+uLe58m6gn2orjKONoOD3HPfn6VgeMPhuA7Jr+mNG2cLdxd+cZDDg529DzjtXpfwO/5F7Uv+vof+gCvS54IrmForiNZI2GCrDINctKipU1KLszDiXL41M0q1acnGd916I+Z9A+E3wx1PZDqdzrdhcEgAtdRtGxyB97y+PxGB612cf7L/AIAmjWSK+1l0YZVlu4yCPUHy667XfhfY3pabR5BZyk/6tuYzyPxHGa4u01TxD4G1IQ3CSrGGOYJc+XIBxkH09xWntZ09Ki07nzv1zEYVqOKjdfzIsf8ADLfgT/n71r/wKj/+N0f8Mt+BP+fvWv8AwKj/APjdd5oPxC0jWNkU7/Yro8bJThWPHRunU8DrxXVg56V0xlGSvFnrUq1OtHmpu6PGP+GW/An/AD961/4FR/8Axuj/AIZb8Cf8/etf+BUf/wAbr2eiqNTxj/hlvwJ/z961/wCBUf8A8bo/4Zb8Cf8AP3rX/gVH/wDG69nooA8Y/wCGW/An/P3rX/gVH/8AG6P+GW/An/P3rX/gVH/8br2eigDxj/hlvwJ/z961/wCBUf8A8bo/4Zb8Cf8AP3rX/gVH/wDG69nooA8Y/wCGW/An/P3rX/gVH/8AG6P+GW/An/P3rX/gVH/8br2eigDxj/hlvwJ/z961/wCBUf8A8bo/4Zb8Cf8AP3rX/gVH/wDG69nooA8Y/wCGW/An/P3rX/gVH/8AG6P+GW/An/P3rX/gVH/8br2eigDxj/hlvwJ/z961/wCBUf8A8bo/4Zb8Cf8AP3rX/gVH/wDG69nooA8Y/wCGW/An/P3rX/gVH/8AG6P+GW/An/P3rX/gVH/8br2eigDxj/hlvwJ/z961/wCBUf8A8bo/4Zb8Cf8AP3rX/gVH/wDG69nooA8Y/wCGW/An/P3rX/gVH/8AG6P+GW/An/P3rX/gVH/8br2eigDxj/hlvwJ/z961/wCBUf8A8bo/4Zb8Cf8AP3rX/gVH/wDG69nooA8Qv/2YvA1tptzPHdayXihd1zcx4yAT/wA86+cPAfgTVPiH4gfR9DmtYblLdrgtdOyptUqDyqk5+Ydq+8tY/wCQHff9e0n/AKCa+T/2W/8AkrNz/wBgqb/0ZFQA/wD4ZX8c/wDQQ0L/AMCZf/jVH/DK/jn/AKCGhf8AgTL/APGq+uaKAPkb/hlfxz/0ENC/8CZf/jVXNL/ZT8US6giazrOl2tmQd8tqZJpBxxhGVAecfxCvq2igD5x/4ZHi/wChzf8A8Fg/+O0f8Mjxf9Dm/wD4LB/8dr6OooA+cf8AhkeL/oc3/wDBYP8A47R/wyPF/wBDm/8A4LB/8dr6OooA+cf+GR4v+hzf/wAFg/8AjtH/AAyPF/0Ob/8AgsH/AMdr6OooA+cf+GR4v+hzf/wWD/47T4P2SbZbiNrjxhLJEGBdE04KWXPIB8w4OO+DX0XRQB8l/HH4PeHPhz4Y0/UNAm1CSa5vPIcXUyuoXYzcYUc5ArB+B3w88P8AxE1zU7DxHdXMJt4Ekt0tplRnOTu4ZTnAx0rpf2qNbW88b6Zo6LIrWNqXkJPyuZCCMD1GD+dc/wDCYz+Bv2hbfSJfKuZUupdMlkBIXk7Sw/LvQB7N/wAMt+BP+fvWv/AqP/43R/wy34E/5+9a/wDAqP8A+N17PRQBkeFvDGm+DvDdroeiRulpaqQu9tzMSclifUkknGBzWvRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVj6/qbWcSwQHEsgyT3UVy4zFU8HQlWqbI0pU5VZqESLXNZWNHtLYhnYbXbrgen1pvh/Sgqi7uY/n/wCWYPb3rCtJ44LkSzw+fjkKWxz6njmum0zXUv5/IMLRuRkYORgV8Xl+MoZhjlXxc1zbQhZ2Xztb/g/I9WvSnQo8lJadWa1FFFffHjFHU9Nj1CDDfLKo+RwOntWDo+pNplw1tcrtjZ/myOUPTNb+panFpsQLqXdvuqD/AD9q5jU9Si1Eh/svlSjq4fOR78V8TnlbD4bErEUJqNaO6s/eXZ9Pv6fI9bCRnUpuE1eL/A7NXV0DIQykZBHelrldB1R4LhLWVswyHC5/hPb866qvo8szGnmFD2sNGtGuzOHEUJUJ8rCiiivTOcK4P43f8kV8Sf8AXsv/AKMWu8rg/jd/yRXxJ/17L/6MWgDzL9kr/kF+KP8Artbf+gyV9E187fslf8gvxR/12tv/AEGSvomgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK53XfHGj6ErJJP8AabkdIIPmIPI5PQcjnv7VMpKKuzOpVhSjzTdkdFXOa7440jQ1ZHm+03AHEMJz2yMntXnmoeMfEfiu6+x6ZHJDGxGIbbJbqMbn+vfgc81r6D8LJJAs/iCfywefs8Jy3/Am6A+wz9a5nWlN2pr5nkyx9XEPlwkb+b2/r+rGTqXjHxF4quDZ6WkkMTnAhtgcsOfvN15HUdOOla2g/Ct3KT6/NtXIP2eI8nkcFvpkcc+9eiadpVjpNuIdOtY7dP8AYHJ5zyep6nrVuqjh7u9R3ZdPLVKXPiZc7/Ap6bpVjpFqLfTbaO3j4zsHLdsk9Sfc1cooroSSVketGKirJaBXgHwl/wCSkp/1ym/lXv8AXgHwl/5KSn/XKb+VcmI/iU/X/I+pyb/ccZ/hX/tx7/XG/Ff/AJJtqP8AvRf+jVrsq434r/8AJNtR/wB6L/0atb1v4cvRnj5Z/v1H/FH80YXwO/5F7Uv+vof+gCvT68w+B3/Ival/19D/ANAFen1OH/hROnPf+RlV9f0QVBeWVtqFs1vfQRzxN1SRQw+vNT0VueK0mrM84134VxPum0CYxN/z7zNle3Ruo7nnNc7Z6/4n8FTi1uVk8leBBcAsmOcbT29eCK9pqrqOmWerWhttRt0nhJB2t2I9xyK5pYdX5oOzPKq5bHm9ph3yS/D+v6sYvh3xxpmvxhS62lzkjyJW5PuD3rpK8v174WTQ5n8P3BlA58iY4b8G6E59cfWsrTvGniLwtc/Y9UjknjTrDc5DAZP3W+vfnpxUqtKGlVfMzjj6uHfJi4281t/X9WPZaK57QvG2j68FSGfyLg/8sJ/lJPA4PQ8n6+1dDXTGSkro9anVhVjzQd0FFFFUaBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFPWP+QHff8AXtJ/6Ca+T/2W/wDkrNz/ANgqb/0ZFX1hrH/IDvv+vaT/ANBNfJ/7Lf8AyVm5/wCwVN/6MioA+vKKKKACiiigAooooAKKKKACiiigAoorD8ba1H4d8Daxqstz9l+zWjmObbu2SEYTjB/iK0AfKyf8XK/aij8v/TrJtUDGK+5U28R3Om05GNqthenNP+P2jL4c+Nq6iYIYLO+8m8UQKAWwQJGIH8RZWPv1rZ/Zd0WTVPHWq+Ir2284WkBCXJbGyeQ88A9139sV037Vnh/z9C0fXoLTc9tK1vcXG77qNyi4z/e3dBQB73p19Dqel2t/a7vIuoUmj3DB2soYZH0NWK89+BniD/hIfhDpEsl39qubQNaXBK42Mh+VegBxGU5H8816FQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUmRuxkZ9KWgAqGe0t7rH2iJZNvTcOlTUVE4RqR5Zq68xptO6Kf8AZNh/z6x/lXO6AMa2APRq66uS0D/kOD6NXyubUaVLG4T2cUry6K3WJ6OGnKVGrzO+n+Z1tFFFfWnmnM+Kf+PuD/cP861LTS7J7GBntoyzRqSSOpxWX4p/4+4P9w/zrfsf+Qfb/wDXJf5Cvk8HRp1c3xKqRT23Vz0qspRw1PldtxsWnWcMgkit41dehA6VZoor6inSp0lanFJeSsefKUpat3CiiitCQrg/jd/yRXxJ/wBey/8Aoxa7yuD+N3/JFfEn/Xsv/oxaAPMv2Sv+QX4o/wCu1t/6DJX0TXzt+yV/yC/FH/Xa2/8AQZK+iaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK5zXfHGkaGrI832m4A4hhOe3GT2qZSUVdmdSrClHmm7I6Oud13xxo+glo5ZvtFypwYITlh06noOuea881Lxj4i8VXBs9LSSGJzgQ2wOWHP3m69O3TjpWtoPwrdyk+vz7FyD9niPJ5HBb6ZHHPvXM60p6U18zyZY+rXfLhI383t/X9WMjUfGHiHxXObPTopI43H+otgSSMc5PpWxofwskkYT+IZ9uTkwRNknr1b8jxXoWm6VY6Rai3022jt4+M7By2OMk9Sfc1cqo4e7vUd2XTy1Sl7TEy53+BT07SrHSbcQ6fbRwIP7o5P1NXKKK6EktEetGKirJBRRRTGFFFFABXgHwl/5KSn/XKb+Ve/14B8Jf+Skp/wBcpv5Vx4j+JT9f8j6jJv8AccZ/hX/tx7/XG/Ff/km2o/70X/o1a7KuN+K//JNtR/3ov/Rq1vW/hy9GePln+/Uf8UfzRhfA7/kXtS/6+h/6AK9PrzD4Hf8AIval/wBfQ/8AQBXp9Th/4UTpz3/kZVfX9EFFFFbnjBRRRQAVT1LSLHV7cw6hbRzIem4cjryD+NXKKTSejFKKkrSV0eUeIvhneWcr3WgEzwL8wh3fvEwM8evTtzUOkfETWNFuDaa5E9ykbbXEg2ypzz16/Q167WZrHh7TNei2alapKwGFk6Ov0Yc49q5nQcXzU3Y8ieXSpy9phZcr7dCLRPFWla/GPsNyvnYy0D8OvTPHcc4z0rYryTXfhrf6VuvNFna5ii+cKeJUxjkY6nOTxjpR4d+JF/pcn2XXxLdQjCh24kj55J7tx680Ku4vlqKwoZhOlL2eLjyvv0PW6KztJ17TdbgEunXKSccoThl4zgitGulNNXR68ZRmuaLugoooplBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBT1j/AJAd9/17Sf8AoJr5P/Zb/wCSs3P/AGCpv/RkVfWGsf8AIDvv+vaT/wBBNfJ/7Lf/ACVm5/7BU3/oyKgD68ooooAKKKKACiiigAooooAKKKKACvHv2mfEB0r4WDT4biFJtUukhaF8FpIlBZio9mEeT7+9ew18qftV66934z0jRAIjFYWZuN6nLb5WwVbnsIlI+v0oA9C/Ze0q3tPhlcajGrC4vrxhKSeCE4XA7feNdd8Z9AHiL4TazbLbzXE8MX2iCOHJYyJyOB178Vr/AA80dvD/AMOtD0uSYTtb2aAyKuA2Rnp+Nb91brd2c1u5KrNG0ZI6gEYoA+eP2T/EJez13w9PcQqsbx3ltDwJGLArI3qQNsf0z719GV8efBy4bwX+0S2kIB5Ms1xprPc/KwQEsrdhk+WvtzX2HQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUFzdpa7N6uxdtqhBnJqeq1zC8s9uyDIjfLc9KwxDqKn+73uvzV/wAC4crl72wPeBCi+TI0rDPljG4D1POP1qC7vFl02Zk3xtGyhlPDL8w9Kklimjv/ALTCnmqyBGXIBGD15+tQyWc8ttcttVZZmUhc9AD3NedXniJQnBJ7SW3lo0+rfbz8jeCgmn6fmWYr1HlETpJGxXKlwMMPzpn9pR7d/lSmHOPNwNv88/pTPInubiNpo/KWNSM7gdxIxTFhuhYiyMIwBs83cMY9cdabrYmzsn1t7u+1k+y37eoctP8ApkjX0g1IQLCzxlN2VxzyOevSrN07R2crocMFJB9KrmCWG+hkjTzEEXlnBAxyOeaklE80FxG0arkERkN94f0rRSqqnUjK7ettPLSzsS1G8WilFcPi1aG6a4eTHmRkggccngcfjV2S9CyMkcMsxT7/AJYHy/mRUBs5I47WSFFE0QCuBxkY5pyJcWs0xjh85ZW3AhgMHHQ5rGn7el7sr2vuk39npe/Xf/g3LlyS1X+XUZc3iN9kliZijSYwo5PHTFWEvoysvmK8TRfeVwMgevGarfYp4orfywrukhdxnA5oks5ro3EjqImdVVFJz055xUxqYuLlJR1etrafAuv+LS1wcabVr6f8H/IsLfoZEWSKWISHCM4GGPpwf50y1vZZruaJ4HCo2AeOPrzTXjuLowpLCIljYOzFgc49MU+GKWG+nPl7klIYNuHHHTFbRnXdSLbfLfta+nVW2v10/Um0En39fMnuLhbZAzBmLHaqr1JqCeaN1gaUTRkyhQowDn39qJFmns1Fxaq7E/NGHHHoQagFpcmCAPklJw+GbJVcdM96K1WtKVoxbTs9n3W/n8/VBCMUtXqPvr4G2uFiSQ7AVMijhT+ealS7EcMKBHmkMYYqmM4x1OSKrvbXKQ3NvFEGWViVcsBjNElgwmjlaAT/ALpUZNwBBFc/tMVzudnqkno9NZXto79NbMvlp2sSXF7vtopLdmQmZUYEcjnkVbmmSCPfJnHQADkn0qlNaP8AYkWC3VGEquY1Ydj6+tPuoZb222tBsZGDBWYENjtxXQquIipu15WVtHbbXp+BHLB27XJVvVLskkUkTqu/a4HI9sE02PUo5DH+7lVJThXYAAn065qOK1HzlbNYGKFQSwJOfpSNaSm1s0CjdFIGfnoOaSqYqyf6b6pdUul+iDlpj5tTjh3nyZZERtrOgGAfTk0kV9LJqEkJt5AiqpH3cjPrzVAIzRz3BKvCJWYoXIzg+laESy/bzcLETHNGvOQCv1Fc9HEV604ttpXWiXRqXltexcoQinp/WhDaXwigbzUlZRKQZMcLk4HU5rTzxWc1nMdKkgCjzGk3AZ7bgasXkpgsmK/fI2qPc11YepVo0v3uyint11uvwXnqZ1FGUvd3bI7P9/dT3J5XPlx/Qdf1zS3xCKzNeGDCnaoxyfx61PbQi3to4h/CuD7nvUdyZSzKLUTKV4O4D+dXOm4Yblfxbu193q9tdxcydS62+X6j7N5JLON5xiQrkipqr2MD21mkUjbmHWrFdlHm9lHm3srmc7czsFcloH/IcH0autrhYrmWwvmkhK71JGeor5fiCtGhiMLWntGTb/A9DBRc4VIrdr/M7qiuR/4SO/8A70f/AHxR/wAJHf8A96P/AL4rX/WnAdpfcv8AMn+zq3kWPFP/AB9wf7h/nW/Y/wDIPt/+uS/yFcZe389/Ir3BUlRgYGK7Ox/5B9v/ANcl/kK5slxMMVmOIrU9mluXi6bp0IQluieiiivsTywooooAK4P43f8AJFfEn/Xsv/oxa7yuD+N3/JFfEn/Xsv8A6MWgDzL9kr/kF+KP+u1t/wCgyV9E187fslf8gvxR/wBdrb/0GSvomgAooooAKKKKACiiigAooooAKKKKACiiigAoorF1zxZpOgIfttypmxlYE5c8HHHYHGMnik5KKuyJ1IU4803ZG1WNrfivSNAQ/brkGYdIIvmc9O3brnnFec6t8QtZ1y4+yaLE9skjbUWIbpH546fyFT6H8Mb+/ZbnXZjbI2D5ed0jDjr6dx6jFczruTtTVzyZZhOs+TCRv5vYzta8ca54iuWtdO8yCBidkNspMjAc8kc547YrR0H4XXt2yza5L9kizkwoQ0jc9z0H15+lejaR4f03Q4fL062WM93IyzfU/jWlRHD3fNUdwp5Zzy9pipcz7dDP0fQtP0K1MGm24iDY3tnLOQMZJ/yK0KKK6UklZHrxjGC5YqyCiiimUFFFFABRRRQAUUUUAFeAfCX/AJKSn/XKb+Ve/wBeAfCX/kpKf9cpv5Vx4j+JT9f8j6jJv9xxn+Ff+3Hv9cb8V/8Akm2o/wC9F/6NWuyrjfiv/wAk21H/AHov/Rq1vW/hy9GePln+/Uf8UfzRhfA7/kXtS/6+h/6AK9PrzD4Hf8i9qX/X0P8A0AV6fU4f+FE6c9/5GVX1/RBRRRW54wUUUUAFFFFABRRRQAVi634S0jXlJvbbbL/z2i+V+vr0PTuK2qKTipKzInThUjyzV0ePav8AD/XPD8xu9Hma6jQZ3wZSRR3yvf8AAnPpVvRPiffWMn2bxBAblFO1pEG2VTznI6E9B2xivVq57xF4M0zxEA86mC4VdqzRDB655Hfv+dcroyhrSfyPInl9Sg+fCSt5PY1tN1Wy1e0W40+4SZGAJAPK57EdjVuvGdR8JeI/CUzXmnSSPEgJ8+2Jyowckjtx36Vs6F8VGVlh8QQd8efEvTnuv+FVHEWfLUVmXTzJRl7PEx5Jfgem0VU07VLLVrUXGn3Mc8Z6lGzg4BwfQ8jirddCaex60ZKSugooopjCiiigAooooAKKKKACiiigAooooAp6x/yA77/r2k/9BNfJ/wCy3/yVm5/7BU3/AKMir6w1j/kB33/XtJ/6Ca+T/wBlv/krNz/2Cpv/AEZFQB9eUUUUAFFFFABRRRQAUUUUAFFFFABXxffrL8QP2nZI4oIYWm1gI0Uz7kKwYDZOOdyxHjHfHvX1z4s1S20Xwfquo30jR29vayM7qpJHGOg5718wfsv6C+q/Ee91m4t0nh021P712BaOaRsKwHUkqsgz/jQB9aqqogVFCqowABgAUtFFAHxz8cYLjwt+0E+sTrHOsr22pQxo5BKJhdrHHBJibpngj6V9f2Nz9t062utuzz4lk25ztyAcZ/Gvnr9q/wAPFrPQvEUFrGBG8lnc3GQGOcNEuOpHEp9s+9ej/AjW11v4P6QyrIGs1a0cyHJZkPJHtzQB6LRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBCbS2aXzWgjMmc7igz+dTUUVEYRhflVrjbb3CiiirEFFFFABRRRQBBf/8AIOuf+uTfyNcpo+nR6lNIkrsoRcjbXV3/APyDrn/rk38jWB4W/wCPqf8A3B/Ovks2o06+aYanUV009D0sNKUMPUlHct/8Iva/895v0/wo/wCEXtf+e836f4Vt0V6v9iZd/wA+l+Jz/W6/8xxOoWaWOp+RGzMo2nLdea7auR17/kOn6L/KuurzMhpwpYrFwgrJSSX/AJMdGMk5U6bfb/IKKKK+rPNCiiigArg/jd/yRXxJ/wBey/8Aoxa7yuD+N3/JFfEn/Xsv/oxaAPMv2Sv+QX4o/wCu1t/6DJX0TXzt+yV/yC/FH/Xa2/8AQZK+iaACiiigAooooAKKKKACiiigAoorG1vxXpGgIft1yDMOkEXzOenbt1zzik5KKuyJ1IU4803ZGzWNrXivSdBQ/bbkGXtDH8zH8K841j4ha1rsptNGhe2jcEBIQXlcYOecccc8DjHWrOifDLUNQl+1eIJzbqx3NGG3yvzzk9Bn15+lczruTtTVzyZZhOs+TCRv5vYr6t8Q9a12b7JosT2kb8AQ8yt0/i7c+mOtT6J8ML6/b7RrszWqP8xReZGJz1J4HOPWvRtI8P6ZocIj061SM4+aQjLtwByffH0rSoVByd6juOGXOpLnxUuZ9uhnaRoGmaFCU0y0SEkYZ+rt9WPJrRoorpSSVketGMYLlirIKKKKZQUUUUAFFFFABRRRQAUUUUAFFFct8Q/Elz4X8Jve2KK1xJKsCMx4jJBO7Hfp0qZSUYuTNsPQniKsaUN5Ox1NeAfCX/kpKf8AXKb+VQWvjP4g3sPm2V1qFxHnG+K0Drn0yFrR+FWkapaePYp73TruCPyZMySwMq5I9SK8+VVVakLJ6M+2oZbPLcFilVnFuUej7X727nutcb8V/wDkm2o/70X/AKNWuyrlviTYXWp+ANRtrCBp5iEcRp1IV1Y49eAeK7qutOXofI5dJRxtFydlzR/NHM/A7/kXtS/6+h/6AK9Pr5t0a48beH4JIdHttTtY5G3uq2ZOTjGeVNdX4F+IniS78VWmi6rKk6TzMsrTRYlTCn5eMAcjuPWuShiIxjGDTPps3yatXrVcXTnFre19bJenkez0UUV3nxYUUUUAFFFFABRRRQAUUUUAFFFFABXN694F0fXS0rw/ZrpjkzQDaWOc5I6H6nmukoqZRUlZmdSlCrHlmro8SudC8R+CdQF7bBgFyq3EI3KQc8MPwzg+1dXoPxSt7gpBrsP2dyQPPj5U8gcjt3JNegsodSrgMpGCCMgiuT134daRrBaW2zYXBOS8S5U8jqv09CK5vZTp6038jyfqVfCvmwstP5WdPaXlvfW6z2cyTRMAQyHPWpq8Su9L8TeBJxPHK0cJbAmhbdGxI6EH8uR9K6/w18Tbe+cW2vKlpLgbZ0yUc56Efw9vUdelVHEJvlnozWjmUHL2ddckvPY76imRSxzxLLBIskbDKujZB+hFPrpPVCiiigAooooAKKKKACiiigCnrH/IDvv+vaT/ANBNfJ/7Lf8AyVm5/wCwVN/6Mir6w1j/AJAd9/17Sf8AoJr5P/Zb/wCSs3P/AGCpv/RkVAH15RRRQAUUUUAFFFFABRRRQAUUUUAeT/tHeIDo3wontIbpIbjUpVtxGygmWPq4GR6Y5rK/Zd8PLp3w8vNYmtXiudUuyFlZjiWGMAIQM44ZpRnr+Qrjf2q9bkuvEOiaBA0MqQQm4ZE5kWRztAODxlQCBjvXvPw40SPw78NtB0yJZkEVmjss/wB9Xf52B4GMMxGO1AHTUUUUAed/HXw+PEPwh1aNLV7m5swt3bqjEFWU4ZuvOEZ+DXm/7KGvh7XW9Alnnd0KXUMRJMaJ91sehJK/WvoPUbGLVNLurC5LCG6heGQocMFZSpx74NfJnwHvpfCnx3l0WULbRXfnWcguxtcbcsgGcfMWVR05zx1oA+vKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiisXVddexuvIgiDMoyxfOPwrkxmMo4Ol7Ws7LY1pUp1ZcsDTv8A/kHXP/XJv5GsDwt/x9T/AO4P51FN4kuZoJImhiAdSpIz3H1qXwt/x9T/AO4P518nPMMPjs2w8qDva/S3RnpKhOjhpqZ01FFFfbnkHI69/wAh0/Rf5V11cl4hVk1guRwyqVPripf+Eouv+eMP6/418NhMyw+X47FLENrmlpp6/wCZ69WhOtRp8nRf5HUUVj6VrpvrgQTRbXIJDJ0rYr67CYyjjKXtaLujzKlKdKXLNBRRRXWZhXB/G7/kiviT/r2X/wBGLXeVwfxu/wCSK+JP+vZf/Ri0AeZfslf8gvxR/wBdrb/0GSvomvnb9kr/AJBfij/rtbf+gyV9E0AFFFFABRRRQAUUVja14r0nQUP225Bl7Qx/Mx/Ck5KKuyJ1IU4803ZGzWLrnivSdAQ/bblTNjKwJy54OOOwOMZPFedat8Qtb12b7JosT2kb8AQ8yt0/i7c+mOtT6J8ML6/b7RrszWqPyUU5kYnPUngc49a5nXcnamrnkyzCdZ8mEjfzexBq/wAQtZ1y4+yaJE9skjbUWIbpX546fyFT6H8Mb+/ZbnXZjbI2D5ed0jDA6+nceoxXo+kaBpmhQlNMtEhJGGfq7fVjya0aFQcneo7jhlzqS58VLmfboZukeH9N0OHy9OtljPdyMs31P41pUUV0pJKyPWjCMFyxVkFFFFMoKKKKACiiigAooooAKKKKACiiigAooooAK5P4nW8M/wAPNSaaNXMKrJGSPutuAyPwJ/OusrO8RQxXHhnUo541kQ20hKuuQcKSOPqKiorwaOrB1PZYmnPs1+Z598DbiaTR9UgeRmiimQohPCkg5x9cCvUq8S+B80o8R6hAJG8prTeY93ylg6gHHrgn869trHCu9JHqcQ0+TMqnnZ/ggooorpPBIrtillOynDLGxBHY4rwn4RqNQ+IklxejzphbyTB35O8suW+vzH869i8X3k2n+DtUurVtk0VszI2AcHHoa8x+BtnDJquq3brmaCKNI2yeAxbdx/wEVx1ta0In1OV/usqxVV9bLz/rVHs9FFFdh8sFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADJYo5oykyK6HqrDINcVrvwx06/3S6S32GY/wdYz07duh6etdxRUShGatJGFbD0q8eWorniZ/4SnwJcf8tIoScAn54n4OPbOMnFdpoPxO06/Kw6sv2GYnG8nMZ59e34120sUc8LxTIskbqVdGGQwPUEVwHiP4YQXkkt1oci20jEt9nYfu8+i/3f5Vz+zqUtabuux5TwuJwmuGlzR/lZ38UqTRJLE6vG4DKynIIPenV4rbav4o8DXAtpxIIF6QzAtERlvuntk5PGM13mg/ETStXKQ3R+xXLEALIflY5A4P41cK8ZaPRnVQzGlUfJP3ZdmddRSKyuoZGDKRkEHINLXQekFFFFABRRRQBT1j/kB33/XtJ/6Ca+T/ANlv/krNz/2Cpv8A0ZFX1hrH/IDvv+vaT/0E18n/ALLf/JWbn/sFTf8AoyKgD68ooooAKKKKACiiigAooooAKKKzPEmsL4e8LaprMkJnTT7SW5aJW2lwilsZ7ZxQB8m+KP8AivP2pJLKf/RUOqrZ74vm+WE7A3Prsz+NfYtfIv7MOmXN78UrjUoQvkWVo/m5bn95wuB35FfXVABRRRQAV8dfF4HwN+0V/bVsPtTrcwaoI5PlBbcDsyO3y9fevsWvnP8Aax0dms9A1rzhsjke08rbySw37s/8Axj3oA+ikbfGrDowzxTq4P4Kayut/B3w/MkJhFvbC0ILZ3GL92W/HbnFd5QAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVmaxpI1CLfHxOgwuejD0rTornxOGpYqk6NVXTLp1JU5KUdzkNMvVsLkwX0CmMnDbkBKH1+ldXDHCFDwJGAw+8gHIrN1vSheQGaFM3CDgD+IelUNF1nydtpdnCdEc/wAPsa+XwdR5TiVg8VrB/BK34N/1b0Z6NWP1mn7Wnv1R0tFFFfYHlkc0cJUvOkZCj7zgcCuU1K8XUbpbewgUJuwu1QC59fYVa1rWfP3WlmcoeHYfxewq9oelfY4fOuEAnfpnqo9PrXx2MqvNsT9Tw3wL45W/BP8Aq/oepSj9Wp+1qb9ESaPpI0+LfJzO4wxHRR6Vp0UV9ThsNSwtJUaSskedUqSqScpbhRRRXQQFcH8bv+SK+JP+vZf/AEYtd5XB/G7/AJIr4k/69l/9GLQB5l+yV/yC/FH/AF2tv/QZK+ia+dv2Sv8AkF+KP+u1t/6DJX0TQAUUVi654s0nQEP225UzYysCcueDjjsDjGTxSclFXZE6kKceabsjarG1vxXpGgIft1yDMOkEXzOenbt1zzivOdW+IWs65cfZNEie2SRtqLEN0r88cj+QqfQ/hjf37Lc67MbZGwfLzukYYHX07j1GK5nXcnamrnkyzCdZ8mEjfzexX1j4ha1rsptNGhe2jcEBIQXlcYOecccc8DjHWrOifDLUNQl+1eIJzbqx3NGG3yvzzk9Bn15+lei6R4f03Q4fL061WM93IyzfU/jWlRGg5O9R3HDLnUlz4qXM+3QzdI8P6ZocIj061SM45kPLtwByffH0rSoorpSSVketGEYLlirIKKKKZQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABTJoUuIJIZl3RyKUdT3BGCKfRQNNp3R4H8M5pLL4rfZbVvLglaeJ0HdVDED81H5V75XgER/4R/44JFp3yqNRWL5/m+WQhW/RjXv9ceE0i49mfT8SLmrUqy2lBf0/vQUUUV2Hy5xfxYuprX4fXRt3KebIkT4HVSeRWJ8D7CJPD+o6gpbzprkQsM/LtRQR+OXP6VJ8bb2aDwzZWsZHlXNwfMBHJ2jIrX+E1jDafD2zlhBDXTyTS5OctuKcfggrj+LE+iPqb+xyD/HP8u/3HaUUUV2HywUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBDdWlvfW7QXkKTRN1V1yK4DxH8L4JIZbnw+7RygFhaucq/srdu/XPPcV6LRWc6cZr3kc1fC0sRG1Rf5niWm+IvEHgy/W3vEm8lDhrWc/KwHHytz6dRxXpOg+OtH1xVQTfZbk9YZ+Mnjoeh5OB39q2tQ0yy1S3MOoW0c6Hs65xXnuufCtkJn8Pz5xyIJWwe3RvzPNc/LVpfDqjzFRxeD/hPnj2e/9f1Y9Morxiw8W+IvCNwLLUI3kRBxBcgggc4wfSvSfD3jDTPEUX7iQQ3GTm3lYB+O49RWtOtGemzOzD5hRrvl2l2ZvUUUVuegU9Y/5Ad9/wBe0n/oJr5P/Zb/AOSs3P8A2Cpv/RkVfWGsf8gO+/69pP8A0E18n/st/wDJWbn/ALBU3/oyKgD68ooooAKKKKACiiigAooooAK8k/aS11NJ+Ek9nunSbVLiO3jaI4Awd7BjkcFVYd85xXrdeCftMeF/FfiRNDHh7T7zUbCEyGaC1QyFZT91io56bhn3oAf+yv4f+x+DdR1ue02SX1z5cNxuz5kSDBGM8Yfd1Ga94r4s0ex+NXh/TI9O0Sw8UWVnGSUghtpAqknJ4x6muh+EHxK8cXXxh03RNf1q9uYZ5Jbe5trs52FUY9D0YFMfnQB9ZUUUUAFed/HfQn134O60kKwebZxi8V5h91YiHfacHBKgj8cV5f8AtGfETxV4b8eWGleH9Yn061GnrcMLc7S7s7qcnuMIMenPrXC3L/HDWNLltrqHxTdWV3CUkRreQrLGwwR05BBoA9K/ZR11JtD1rQnadpbedblNxzGqMMYHPB3AnGO9fQlfMX7Ovgzxn4e+IFxc6ppGoaZpjWrLP9piMSyt/AAD97Bz06V9O0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWJrWii43XNquJerKP4v/r1t0Vx4zB0cbRdKqtPy80a0qsqUuaJz2gaqf+PO7fkcRluv0o8QaqR/olrJ1/1pH8s03WtFYSG7sgTk5dB1B9RWPbyra3e+6tzKVOdjHbz78V8Li8ZjcHR/s6s7K9ufX4fl/VtD16dKlVn7eGvl5nQaLootwtzdLmXqqn+H/wCvW3XOf8JUf+fMf9/P/rUv/CVH/nzH/fz/AOtXuYPNcnwVFUqU9PSWr7vQ5KuGxVWXNJfijoqK53/hKj/z5j/v5/8AWo/4So/8+Y/7+f8A1q7P9Yss/wCfn4S/yMvqOI/l/FHRUVzv/CVH/nzH/fz/AOtR/wAJUf8AnzH/AH8/+tR/rFln/Pz8Jf5B9RxH8v4o6KuD+N3/ACRXxJ/17L/6MWtr/hKj/wA+Y/7+f/WrA8bynxj4J1PQNotPt0QQTZ37MMD04z09aP8AWHLP+fn4S/yD6liP5fxR5v8Aslf8gvxR/wBdrb/0GSvcNa8V6ToKH7bcgy9oY/mY/hXzv4Jsr34f6ZqOnabqDM17KDPKqbSQoZQB1x9489enStBJVe6Et4JJ1LZkG/DP6/MQeffmvQni19g+TxOcRi+Wite7/wAjstW+Ieta7L9k0WJ7SN+AIfmlbp/F259Mdan0T4Y31+32jXZ2tUc7ii8yNnPUngHOPWoNI8f2GhwiPTvDcUZx80hucu3AGSdnfH0rS/4W+/8A0BV/8Cv/ALGs06cnepK5yQnhakufFVeZ9rO35HeaRoGmaFDs0y0SEkYZ+rt9WPJrRrzL/hb7/wDQFX/wK/8AsaP+Fvv/ANAVf/Ar/wCxrpVeilZM9aOZYKC5YysvR/5HptFeZf8AC33/AOgKv/gV/wDY0f8AC33/AOgKv/gV/wDY0/rFLuX/AGphP5/wf+R6bRXmX/C33/6Aq/8AgV/9jR/wt9/+gKv/AIFf/Y0fWKXcP7Uwn8/4P/I9NorzL/hb7/8AQFX/AMCv/saP+Fvv/wBAVf8AwK/+xo+sUu4f2phP5/wf+R6bRXmX/C33/wCgKv8A4Ff/AGNH/C33/wCgKv8A4Ff/AGNH1il3D+1MJ/P+D/yPTaK8y/4W+/8A0BV/8Cv/ALGj/hb7/wDQFX/wK/8AsaPrFLuH9qYT+f8AB/5HptFeZf8AC33/AOgKv/gV/wDY0f8AC33/AOgKv/gV/wDY0fWKXcP7Uwn8/wCD/wAj02ivMv8Ahb7/APQFX/wK/wDsaP8Ahb7/APQFX/wK/wDsaPrFLuH9qYT+f8H/AJHptFeZf8Lff/oCr/4Ff/Y0f8Lff/oCr/4Ff/Y0fWKXcP7Uwn8/4P8AyPTaK8y/4W+//QFX/wACv/saP+Fvv/0BV/8AAr/7Gj6xS7h/amE/n/B/5HptFeZf8Lff/oCr/wCBX/2NH/C33/6Aq/8AgV/9jR9Ypdw/tTCfz/g/8j02ivMv+Fvv/wBAVf8AwK/+xo/4W+//AEBV/wDAr/7Gj6xS7h/amE/n/B/5HptFeZf8Lff/AKAq/wDgV/8AY0f8Lff/AKAq/wDgV/8AY0fWKXcP7Uwn8/4P/I4r4lxtoXxNe9sZWE5Md2rMAdj54wPT5R1r6AjJaJGPUqCa+cPH+vR+JNZh1AWhtZTF5bjzd4IHTHAx1Nd5YfF+4/s+D7RpEckvljeyzlQTjqBtOPzrmo1YQqTu9GfX5xjqE8pweLctGnG9n00/RnqtFeZf8Lff/oCr/wCBX/2NH/C33/6Aq/8AgV/9jXT9Ypdz5D+1MJ/P+D/yMr45X8hutL0/avlhGn3d8k7cfTivRfBNhHpvgjSbaJmdfsyyZbrl/nP6sa8N8f8Aio+LNYtpWsxa/Z4vLwJN+7JznoPWu5034pvp+lWlkNIWT7NCkW/7RjdtUDONvHSuanWh7aUmz67Nsdh8Nk+DhOVue8lo9fP8fxPVqK8y/wCFvv8A9AVf/Ar/AOxo/wCFvv8A9AVf/Ar/AOxrp+sUu58j/amE/n/B/wCR6bRXmX/C33/6Aq/+BX/2NH/C33/6Aq/+BX/2NH1il3D+1MJ/P+D/AMj02ivMv+Fvv/0BV/8AAr/7Gj/hb7/9AVf/AAK/+xo+sUu4f2phP5/wf+R6bRXmX/C33/6Aq/8AgV/9jR/wt9/+gKv/AIFf/Y0fWKXcP7Uwn8/4P/I9NorzL/hb7/8AQFX/AMCv/saP+Fvv/wBAVf8AwK/+xo+sUu4f2phP5/wf+R6bRXmX/C33/wCgKv8A4Ff/AGNH/C33/wCgKv8A4Ff/AGNH1il3D+1MJ/P+D/yPTaK8y/4W+/8A0BV/8Cv/ALGj/hb7/wDQFX/wK/8AsaPrFLuH9qYT+f8AB/5HptFeZf8AC33/AOgKv/gV/wDY0f8AC33/AOgKv/gV/wDY0fWKXcP7Uwn8/wCD/wAj02ivMv8Ahb7/APQFX/wK/wDsaP8Ahb7/APQFX/wK/wDsaPrFLuH9qYT+f8H/AJHptFeZf8Lff/oCr/4Ff/Y0f8Lff/oCr/4Ff/Y0fWKXcP7Uwn8/4P8AyPTaK8y/4W+//QFX/wACv/saP+Fvv/0BV/8AAr/7Gj6xS7h/amE/n/B/5HptFeZf8Lff/oCr/wCBX/2NH/C33/6Aq/8AgV/9jR9Ypdw/tTCfz/g/8jvdW0LTdchEep2iTgfdY8MvOeGHI6dq841z4X3lkTcaFMblF5Eb8SDHoRweatf8Lff/AKAq/wDgV/8AY0f8Lff/AKAq/wDgV/8AY1lOdCe7OLEYjLcR8b172d/yMzSviBrmgT/ZNaje7jQ4Kz8SLyc4bvz656cV6Loni3SdeUC0uAs3eGT5WH+PJrzzVviDYa3CY9R8NxS8YD/acMvXGDt9z7VxIkMcwkgLRlWyhDcr6c+tZKu6bsndHFHMZYaXLCfPHzumj6I1j/kB33/XtJ/6Ca+T/wBlv/krNz/2Cpv/AEZFXrFp8StUTTLiy1GJL0SxNGspOxlyCMnAwevoK5P4C+B28N/EmW8S+FzG2nSxsDHsIJeMjHJz0NdcK9Obstz26OZYes1GL1fS39I+kKKKK3PRCiiigAooooAKKKKACiiigAr43+H3/J1cf/YZvf5S19kV8b/D7/k6uP8A7DN7/KWgD7IooooA+Rf2p/8Akq9n/wBgiL/0bLX1Zof/ACL2nf8AXrF/6AK+U/2p/wDkq9n/ANgiL/0bLX1Zof8AyL2nf9esX/oAoAvUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVXmsLW4k3zQI7YxkirFFZ1KcKi5ZpNeeo1Jxd0yn/AGTYf8+sf5Uf2TYf8+sf5VcorH6nhv8An3H7kX7Wp/M/vKf9k2H/AD6x/lR/ZNh/z6x/lVyij6nhv+fcfuQe1qfzP7yn/ZNh/wA+sf5Uf2TYf8+sf5Vcoo+p4b/n3H7kHtan8z+8p/2TYf8APrH+Vcj8VWXQfhbrup6XFHDd28AaN9vQl1H8ia7quD+N3/JFfEn/AF7L/wCjFo+p4b/n3H7kJ1JtWbf3nmn7OBXxjbeI7jxHFHfPDNAIhIvEYIfIA7ZwK9t/4Q7w9/0CLX/vivEP2Sv+QX4o/wCu1t/6DJX0TW/s4djl+r0V9hfcjF/4Q7w9/wBAi1/74o/4Q7w9/wBAi1/74raoo5I9h/V6P8i+5GL/AMId4e/6BFr/AN8Uf8Id4e/6BFr/AN8VtUUckewfV6P8i+5GL/wh3h7/AKBFr/3xR/wh3h7/AKBFr/3xW1RRyR7B9Xo/yL7kYv8Awh3h7/oEWv8A3xR/wh3h7/oEWv8A3xW1RRyR7B9Xo/yL7kYv/CHeHv8AoEWv/fFH/CHeHv8AoEWv/fFbVFHJHsH1ej/IvuRi/wDCHeHv+gRa/wDfFH/CHeHv+gRa/wDfFbVFHJHsH1ej/IvuRi/8Id4e/wCgRa/98Uf8Id4e/wCgRa/98VtUUckewfV6P8i+5GL/AMId4e/6BFr/AN8Uf8Id4e/6BFr/AN8VtUUckewfV6P8i+5GL/wh3h7/AKBFr/3xR/wh3h7/AKBFr/3xW1RRyR7B9Xo/yL7kYv8Awh3h7/oEWv8A3xXn/wARl0fS5ItM0rTraGZl8yWVUwyjPAB969N1fVING0qe/usmOFc7R1Y9gK8k8MWEnjHxw95eruhWQ3E+QMEA/KuMYOTgEema5q9tIRWrPJzFQSjh6UVzS8tkdV4G8GWDeHI7rV7KK4luj5iiRQdi9sfUc10n/CHeHv8AoEWv/fFbQGBgcCiuiNKMVax6NLCUacFDlTt5GL/wh3h7/oEWv/fFH/CHeHv+gRa/98VtUU+SPY1+r0f5F9yMX/hDvD3/AECLX/vij/hDvD3/AECLX/vitqijkj2D6vR/kX3Ixf8AhDvD3/QItf8Avij/AIQ7w9/0CLX/AL4raoo5I9g+r0f5F9yPHfjF4Z03S9M0+/06CO2PnGFo41wGypOT9Nv610Pw80XRdb8D2N1d6RamYAxMxXJfacbj7nGad8ZNPN34G+0iQKLK4SUqRndn5Me33s/hTfgzqAuvBbWgjKmznZS2fvbvm/rXIoxWJatuj6urSp1uH4LlT5J9tr3/AM0dP/wh3h7/AKBFr/3xR/wh3h7/AKBFr/3xW1RXXyR7Hyn1ej/IvuR8663p8OrfFaTSrG3hs4/tgtlRQdvynGT9cV7h/wAId4e/6BFr/wB8V414S/4qX4xC+j/0cG6ku9jfNwDnbn+te/1yYWMZKUmup9XxHSpx+r4dxXuQWltv6sYv/CHeHv8AoEWv/fFH/CHeHv8AoEWv/fFbVFdfJHsfKfV6P8i+5GL/AMId4e/6BFr/AN8Uf8Id4e/6BFr/AN8VtUUckewfV6P8i+5GL/wh3h7/AKBFr/3xR/wh3h7/AKBFr/3xW1RRyR7B9Xo/yL7kYv8Awh3h7/oEWv8A3xR/wh3h7/oEWv8A3xW1RRyR7B9Xo/yL7kYv/CHeHv8AoEWv/fFct4+8GWUWgm+0aySCS1O6VYlPzJ3OPbrn0Br0OmyxRzwvFMiyRupVkYZDA9QRUypRlFqxlWwdGrTcOVK/keZfDiz0PWdOmtL/AE23lu7dt290yXU+/t0rtf8AhDvD3/QItf8AvivLSs3gTx9xkwxycE4+eJvfHXHpXtMUqTwpNCweORQysO4IyDWNDlceWS1RwZaqc6bpVIrmjo9EZH/CHeHv+gRa/wDfFH/CHeHv+gRa/wDfFbVFdHJHsep9Xo/yL7kYv/CHeHv+gRa/98Uf8Id4e/6BFr/3xW1RRyR7B9Xo/wAi+5GL/wAId4e/6BFr/wB8Uf8ACHeHv+gRa/8AfFbVFHJHsH1ej/IvuRi/8Id4e/6BFr/3xR/wh3h7/oEWv/fFbVFHJHsH1ej/ACL7kYv/AAh3h7/oEWv/AHxR/wAId4e/6BFr/wB8VtUUckewfV6P8i+5GL/wh3h7/oEWv/fFH/CHeHv+gRa/98VtUUckewfV6P8AIvuRi/8ACHeHv+gRa/8AfFH/AAh3h7/oEWv/AHxW1RRyR7B9Xo/yL7kYv/CHeHv+gRa/98Uf8Id4e/6BFr/3xW1RRyR7B9Xo/wAi+5HLa34M0BtFumj06KF44mkV4htIIBI5r57/AGbdb1HV/i3cHUbqSYLpk7KrHhcyRdBX1DrH/IDvv+vaT/0E18n/ALLf/JWbn/sFTf8AoyKmoRTukEaFKMuaMUn6H15RRRVGwUUUUAFFFFABRRRQAUUUUAFfG/w+/wCTq4/+wze/ylr7Ir43+H3/ACdXH/2Gb3+UtAH2RRRRQB8i/tT/APJV7P8A7BEX/o2WvqzQ/wDkXtO/69Yv/QBXyn+1P/yVez/7BEX/AKNlr6s0P/kXtO/69Yv/AEAUAXqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuD+N3/JFfEn/AF7L/wCjFrvK4P43f8kV8Sf9ey/+jFoA8y/ZK/5Bfij/AK7W3/oMlfRNfO37JX/IL8Uf9drb/wBBkr6JoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoorK8TaymhaBcXrcuq7Yxzyx6Um0ldkTnGEXKWyOB+KOuNdahBodqSwhw8wUdZD91cY7A54/ve1dh4I8O/8I9oQSUq1zcESSsARjjhefT8Otef+AdDuNf8AER1S/VpbeBy7yPyJJOoH659uK9jrlopzk6r+R5GAg69SWLmt9F6f1+oUUUV1ntBRRRQAUUUUAFFFFAHMfEewl1L4farDAyKyRiYlyQNsbBz+OFOK4r4G6hlNU07y+AVn8zd6/LjH4V6frVi+p6Df2ETKj3VtJCrN0BZSMn868a+C96lp4tu7F1ZnuYCFYdBsOTmuOr7teD7n1OAftcmxNLflal+Wv4HuVV9RvY9M0y6vpwzRW0LTOEGWIUEnHvxVisDxzew2HgXV5bliqPavECBn5nG1R+ZFdUnaLZ85h6fta0afdpfieUfByykuvG817GVEdtCxcMeTu4GK92rx74G2c32jVL3aPIKLDuz/ABZzjH0New1z4RWpI9ziSpz5jJdkl+F/1Ciiiuo+dCiiigAooooAKKKKACiiigDh/idoX2/RV1KFczWf3/ePv37daT4Y6/8Ab9HfTLh8z2Z+TJ5aM9O+Tg5+g212d3axX1nLbXCh4pUKspGcg14zpM8ngnx80Nz/AKtHMMjHHMbYIOeg/hP51yVP3dVT6Pc8TFf7Li4118MtH/X9bHtlFIrK6BkIZWGQR3FLXWe2FFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFPWP+QHff8AXtJ/6Ca+T/2W/wDkrNz/ANgqb/0ZFX1hrH/IDvv+vaT/ANBNfJ/7Lf8AyVm5/wCwVN/6MioA+vKKKKACiiigAooooAKKKKACiiigAr43+H3/ACdXH/2Gb3+UtfZFfG/w+/5Orj/7DN7/ACloA+yKKKKAPkX9qf8A5KvZ/wDYIi/9Gy19WaH/AMi9p3/XrF/6AK+U/wBqf/kq9n/2CIv/AEbLX1Zof/Ivad/16xf+gCgC9RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVwfxu/5Ir4k/69l/8ARi13lcH8bv8AkiviT/r2X/0YtAHmX7JX/IL8Uf8AXa2/9Bkr6Jr52/ZK/wCQX4o/67W3/oMlfRNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeO/EDXpdd8QDTLTD29tJsQKvLP0Jz3r0Lxl4hTw/oE0iSKLyVSlumfm3HjcOD06+nGO9cT8MvDq3t5JrN4hKQNiDORl+7dOQPr1rkrNzkqUfmeLmE5V6kcJTe+r9P6/Q9B8NaLHoOgW9iir5irumYAfM56nI6+g9gK1aKK6kklZHrwhGEVGOyCiiimWFFFFABRRRQAUUUUAFeAeAf+Kf+LC2eof60SSWp8v5hvPH5V7/AF4Bff8AEm+ODT6n+4iGpeduPPyM2QeM9iK48To4S7M+oyD95TxND+aHz0v/AJnv9cL8X76K28AT28u7fdzRxx4HGQwc5/BTXdV5d8cbuEaFp1mX/ftcmVUweVCkE56dWH51riHalI83JqftMwpLzv8AdqWvgrYzW/hK5uZNvl3VwWjwecKNpz+Ir0euP+FlpNafDywW4TYZC8qjIOVZiVPHqDXYU6KtTiiM2qe0x9WX95/hoFFFFbHmBRRRQAUUUUAFFFFABRRRQAV578U9B+02UOsQKTJbjypsZ+4TkH0GCT/31XoVQ3drFe2cttcLujlQowx2NZ1IKcXE5sVQWIoum+py/wAOteOr+HxbTuWubPCMWJJZexyTz/8Aqrrq8V0m5m8DePDFdHbAH8qY84MZPDdMnHB4HOK9qByAR0NZ0J80bPdHNl1d1KXJP4o6MKKKK6D0gooooAKKKKACiiigAooooAKKKKACiiigCnrH/IDvv+vaT/0E18n/ALLf/JWbn/sFTf8AoyKvrDWP+QHff9e0n/oJr5P/AGW/+Ss3P/YKm/8ARkVAH15RRRQAUUUUAFFFFABRRRQAUUUUAFfG/wAPv+Tq4/8AsM3v8pa+yK+N/h9/ydXH/wBhm9/lLQB9kUUUUAfIv7U//JV7P/sERf8Ao2WvqzQ/+Re07/r1i/8AQBXyn+1P/wAlXs/+wRF/6Nlr6s0P/kXtO/69Yv8A0AUAXqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuD+N3/JFfEn/Xsv8A6MWu8rg/jd/yRXxJ/wBey/8AoxaAPMv2Sv8AkF+KP+u1t/6DJX0TXzt+yV/yC/FH/Xa2/wDQZK+iaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoorjviRr39laB9jgcrc3uVBUkFUHU8HjsPzqZyUIuTMa9aNGm6kuhxHia8uPGXjdLKxLNGr+RDwSFGfmcjt6n2FetaNpUOi6Rb2FvysK4LYxuPc/jXDfC/w40KPrV3EAZF2W2cHg9W9vT6E16PWFCL1qS3Z52W0ZNPE1Pil+QUUUV0nrhRRRQAUUUUAFFFFABRRRQAV4N8WbaWz+IyXk4CwzpE6EHOQuAePqDXvNeMfHK2m/tbTLryz5BgaPf23bicflXJi1elc+k4any5go/wAya/X9D2K1uYr2zhurclop41kQkYypGR+hrxz45TxPq2lQpIrSxwyF0B5UEjGR74Neo+ErmG78H6TLbSCRPskabh6qoUj8CCK8V+Lc0d58QpEtW810hjiZUGSH5+X68ilipfufWxtw9QtmjX8nN/lr957T4QgltfBukQXEbRSx2kaujjBUhRwRWxTIv9Sn+6P5U+uuKskj5mrN1Kkpvq2wooopmYUUUUAFFFFABRRRQAUUUUAFFFFAHnnxT0ETWUWswKN8BEc2McqTgH8Dx+Nanw514ar4eW0mcG5swIyCRkp/Cf6Z9a6q6tor2zmtbhd0UyGN1zjKkYIyK8a0i4n8D+Omt7lm8kP5UvUB0PRsZ/EZrkn+6qqfR7niYj/ZMXGuvhlo/wCv66ntVFIrBlDKQQRkEd6Wus9sKKKKACiiigAooooAKKKKACiiigAooooAp6x/yA77/r2k/wDQTXyf+y3/AMlZuf8AsFTf+jIq+sNY/wCQHff9e0n/AKCa+T/2W/8AkrNz/wBgqb/0ZFQB9eUUUUAFFFFABRRRQAUUUUAFFFFABXxv8Pv+Tq4/+wze/wApa+yK+N/h9/ydXH/2Gb3+UtAH2RRRRQB8i/tT/wDJV7P/ALBEX/o2WvqzQ/8AkXtO/wCvWL/0AV8p/tT/APJV7P8A7BEX/o2WvqzQ/wDkXtO/69Yv/QBQBeooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK4P43f8kV8Sf9ey/+jFrvK4P43f8AJFfEn/Xsv/oxaAPMv2Sv+QX4o/67W3/oMlfRNfO37JX/ACC/FH/Xa2/9Bkr6JoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAI5547a3knmYJHGpZmJwABXi13cT+PvHKCNXSGRgiK3/LOJeuSBxnk/VsV1/xN8Rpa6d/Y9rKPtE/MwU8qnofr6VP8NvDa6dpA1S6ixd3QJQsCCkfYfjjP0IrkqfvaiprZbnh4pvF4lYaPwx1l/kdlbW8dpax28ChY4lCqAOwqWiius9tKysgooooGFFFFABRRRQAUUUUAFFFFABXl/xxikfQtNkVGZEuG3sBwuV4ye1eoVw3xfBPw9nx/wA94v51jiFelI9bJp8mYUn52+/Qt/C2WOT4caYscis0fmK4U5KnzGOD6HBB/GvLb3/TPjorWn78f2rE2Yvm4DKSeOwwc/Su1+CNxCfCl9AJF85LwuyZ5VSigEj0O0/ka4z4ec/GGMjkebc/+gPXHJ80KaPpcPT+r4vH1Oyf43Z79RRRXpHwgUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV538VdFSSyh1iParxERS9twPTtyfxr0Squp2EWqaZPZXAykyFT7VnUhzwcTmxVBV6Mqf9XOe+HWstq3hdI52UzWbeSfmBYqACpI7cHH/Aa6uvGfCd/P4R8bPYXu5Y5H+zzAggE5+Vsfjx7NXs1RQnzQs90c+XV3VoKMvijowooorc9EKKKKACiiigAooooAKKKKACiiigCnrH/IDvv+vaT/ANBNfJ/7Lf8AyVm5/wCwVN/6Mir6w1j/AJAd9/17Sf8AoJr5P/Zb/wCSs3P/AGCpv/RkVAH15RRRQAUUUUAFFFFABRRRQAUUUUAFfG/w+/5Orj/7DN7/AClr7Ir43+H3/J1cf/YZvf5S0AfZFFFFAHyL+1P/AMlXs/8AsERf+jZa+rND/wCRe07/AK9Yv/QBXyn+1P8A8lXs/wDsERf+jZa+rND/AORe07/r1i/9AFAF6iiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArg/jd/yRXxJ/17L/6MWu8rg/jd/wAkV8Sf9ey/+jFoA8y/ZK/5Bfij/rtbf+gyV9E187fslf8AIL8Uf9drb/0GSvomgAooooAKKKKACiiigAooooAKKKKACiiigAqC9vIdPsZru5bbFChdj7AZ496nry74p695txDo1u/yx/vJ8Hq3ZeD9SQR6VnVqezjzHJi8QsNRdR/L1MTRrC48deMpZrtmWNmMsrDnYueFGeg7Cvao40ijWOJVREAVVUYCgdABXLfD7Qf7G8OpLOm25u/3j5HKjsvIBHHUetdXWdCHLG73Zhl2HdKlzy+KWrCiiiug9IKKKKACiiigAooooAKKKKACiiigArB8co0ngTWFRSzG1fAAyTxW9UF7/wAeFx/1yb+VTJXi0bUJ+zqxn2af4nivwmdRpHitCwDNZAhc8nCyZ/nS/A//AJGq/wD+vI/+hrXH+HJHit9beJ2RhprDKnB/1sYr0f4Fxp9k1iTYu8PEobHIGG4z+FeXQfNKC7XP0XNoexw+Lq783KvwSPWaKKK9Y/NAooooAKKKKACiiigAooooAKKKKACiiigAooooA8y+KmgANDrVsgG791cYAGT/AAt057gk+grqPAuu/wBueG4/MYG5tsRSjj8Dx0yP5Vt6np8Wq6XcWVwMxzoVOex7H8Dg15H4S1GXwl42exvjshkk+zzZIwuT8rdcDnGT6Zrkl+6q83RniVf9kxiq/Zno/X+v1PZqKOtFdZ7YUUUUAFFFFABRRRQAUUUUAFFFFAFPWP8AkB33/XtJ/wCgmvk/9lv/AJKzc/8AYKm/9GRV9Yax/wAgO+/69pP/AEE18n/st/8AJWbn/sFTf+jIqAPryiiigAooooAKKKKACiiigAooooAK+GbTxQngv48XviCa1a7Sx1a7Ywq+0vlpF64OPvV9zV8F+ItN1bxf8XtY0/TIPteo3WpXEcUSbI9+xm45wo+Vfxx60Ae2/wDDWun/APQp3P8A4Gr/APEUf8Na6f8A9Cnc/wDgav8A8RXk/wDwoT4mf9CvJ/4Fwf8AxdH/AAoT4mf9CvJ/4Fwf/F0AU/iz8QYfiV4vg1q3097BYrNLbynlEhJV3bOQB/f/AEr7d0P/AJF7Tv8Ar1i/9AFfA3iDwxr/AIE1yC08QWX2C/CLcxxuySfLuIDfKSOqng+lffeju0uh2Ej8s1tGxwMclRQBj2vjjTb3xDd6PZ297NPZTGK6kSH93CfVmz0qtJ8R9IjDTm11A6asvlNqYt/9GBzj72c4zxnHWk0DQLyCTxWt1F9m/tK+keCTIO5GXAbj+tc5FYeJl+H58DyeHJWm8s2n9qebD9kMZP8ArMb/ADM7T02fe745pK9l3sv+D939bD0u+12aV14qOnfE64g/06/hk0xJILO0Bk3HcMsFJA6d62x480V/DtvrEbzSR3L+VFbrHmZpM4Mez+8DkEZrB/s3W/DXjRdRsdEl1bT00uOzb7PNGsxYEcqHZQRxzlh7Z6Vl2ng/xFpmn6Vra2ST38Go3GoXOlJKuQJmyURjhS657kA+tNbW/r4n+hOur6//AGv+Z19v45srr7bbrY39vqNpB5/2C4gCzSJ0DKM4Izx1qL4feMLnxj4fjvbzTLiylIJLNHtifnHyncSap2Wmap4h8cf8JDqGlS6Pb2unyWUEN08bTStIylmPlsyhRtAHzZyW4HGa3hU+I/DHgCbT4/DFxc6jp5YQxvcxJHd5Yn5GDEjg/wAQFC217fq/0sN9l3/T/O5N4y1jUbfxtomkW2vnRLO7gmkmmWOEklcYGZVYCn+EfFN0bbX21+/S70/SJwkWrNGE+0JtDEkKApKk4yowadr3hqbXfHugX19pUVzp8FrMtyJgjrG7AYGD178gVkN4M1tdA8S+FbKJYdNaWO60ieRxs5YO0JGSwAZPTo/tS1Ufv/P/ACHo5Ltp+R0tn4+025vrS2uLPUdPF82y1nvIAkc7HoFOTye2cVz+l+OU0nVfFCakupX6WupvkwxmVbWLAxnJG1fYVNd2+u+Lzoun3nhy40iGwu4bq6ubqWFlbymDBYvLdickD7wXjP0qo9p4n0qTxXbW/ht76PWLuR7SaK4iAUMAuZAzAhe/G4+wpvRu3n+cbfqLe1/L9f8AgHW6h4z0yyNklutxqVxfRedBb2MfmSNHx8+CRheR371i+IPiVBZ+BNW1vRbOee705WWW0niw0DgZ/eqGGB7g1n2PhvW/BOt6bqNpYSa9brpEWm3ENq8azROhLB18xlUodxB5B4Xg9m3nhDWNb8MeMrmazWyv9fgKW9m7qWQKhChypK7jnnBI96JaJ28/z0+9Djur+X5a/czutB1Z9a0qO7ksbqyZgMx3MYRvqACeKoS+NLCPX5tKitr65e2dEuZ4Id0UDP8AdDnOQenY9RUNprGuppWkiHwvco7yCG7jubmJWt0A/wBZ8rMGHsDmuc8SaNrE3is3fh3RdQ07U2uIw2qW91F9knhBUt5yM27OAw+VM9Pm9Kduey2/4b+v+GIjfk13sbFv4h0jRLzxPe3mq38sdpMhuI7k7khJBwkQ9/T1rMj8Wyal8VNMt1XUtOt10+aSa0vFMYbB4cqCQeO9UdZ8Ga7fReK3gtlM097bXlmryALcmI7ivfGSMc+tXZtO1/xP43ttQutCn0mwXTZ7UtczxtKrsOpVGYY9ME++KzV9H/Xw/wCehT2f9dUbi/EPSTPDutr9LGeYQRai0GLZ3JwAGznkjGcdaXQtbvr3x94h024mD2lksBgQIBt3Ak8gZPTvXGeH/BC2drY6Pqngu9ubi0lUNfyaofsbhWyJAvmls4AO3y8Z46c1twjWfD3xC16/j8MalqVnfpAIZbKS3wNoIIIklU9/SrVr/f8AoJ3s7eX5nRat4vs9K1B7KO0vtRuYkEk0VjCJDCp6FskYzVa5+IWh29jpd0jXFyuql0tVgi3Mzr1Qjsc8fWuW1fwpKnjXUNavPDepazbarFEyx2V8IZLZ1QKVcecikcdQTWrB4WntNR8Itp2kLYWljLcyXEKXHmCDzF4yzHLEk84zznkjmkttRvfT+tDXh8eaO+i3upTi4tRYyeTcW88W2ZH6BdoJ5J4HNZF98UYIf7RtbbQdZXUbK1+0tDPagAL2Jw/Q47Vy3jfSNQtLLxL5yLb/ANsatZrYu8wTzTvA4YBth9yOPSrun2F/Z6/qOia/B5+uazprmC9GofasRqCNjfuYtgz0+U5yeanVxbX9O1ylZPXv+F7FjVfHN3qHw80XXJbe+0p5L61M+FKCVWyWCYYllPvXaaH4rstcvrmyjt7uzu7dVdoLyLYxRujAZORXJRaTrd78P9A0uXRLm0u9KvbUSrNJEQ6R/ekUq5+X64PtW/b6RfJ8VrvVmgIsZNNWFZtw5feDjGc9B6VppzNLa7/JGSvZN72X5s6qiiipLCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuD+N3/ACRXxJ/17L/6MWu8rg/jd/yRXxJ/17L/AOjFoA8y/ZK/5Bfij/rtbf8AoMlfRNfO37JX/IL8Uf8AXa2/9Bkr6JoAKKKKACiiigAooooAKKKKACiiigAooooAzdf1mHQdFmv58NsGEQnG9j0A/wA9q8u8F6bN4p8ZPqV8GeKB/PkY55bPyrn64/AGrHxH8Qf2xq8Okac5kit22uFyN8pOMehx0+pNeg+FNBh8P6HDbpGondQ07gYLt7/TpXG/3tW3RHhy/wBtxnKvgh+LNqiiiuw9wKKKKACiiigAooooAKKKKACiiigAooooAKOvWiigD5X8RHZ4p1ZU+UfbJhgccbzxXs3wYt4o/BMk6Rqssty4dwOWAAxn6ZNeX/EqGKD4jaskEaxpvRtqLgZMakn8SSfxr2v4cQxQ/D7SvKjVPMi3vtXG5iTyfU15eGj+/flc/Q8+r82U0mvtcv5XOnooor1D88CiiigAooooAKKKKACiiigAooooAKKKKACiiigArzP4qaCQYdat0JHEU+AeP7p9vT8RXplVdT06DVtMuLG6GYp0KE4BK+hGe46is6sOeDicuLw6xFF0+vT1MXwLrx13w3E0zFrm3/dTE5ySOhz7jmukrxjwnfy+EfGkllfkJG7+RP6Dnhs46fzr2eooT5oa7owy/EOtRtL4o6MKKKK3PRCiiigAooooAKKKKACiiigCnrH/ACA77/r2k/8AQTXyf+y3/wAlZuf+wVN/6Mir6w1j/kB33/XtJ/6Ca+T/ANlv/krNz/2Cpv8A0ZFQB9eUUUUAFFFFABRRRQAUUUUAFFFFABXxv8Pv+Tq4/wDsM3v8pa+yK+N/h9/ydXH/ANhm9/lLQB9kUUUUAfIv7U//ACVez/7BEX/o2WvqzQ/+Re07/r1i/wDQBXyn+1P/AMlXs/8AsERf+jZa+rND/wCRe07/AK9Yv/QBQBeooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAq6lpllq9jJZ6nbR3VtIMPHIuQaqaP4Y0XQGkbRtNgtGk4do15P41q0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVwfxu/wCSK+JP+vZf/Ri13lcH8bv+SK+JP+vZf/Ri0AeZfslf8gvxR/12tv8A0GSvomvnb9kr/kF+KP8Artbf+gyV9E0AFFFFABRRRQAUUUUAFFFFABRRRQAVieLtcXQfDs9yCPPYbIVPdj7ZHA9q268Y8Z61ceKPE4sLBmmt4pPLgRPmDN0LDHXNY1qnJHTdnn4/E+wo6fE9EXPhr4d/tXU5NYvSzR2smEzg+ZIRk5zzwCD+PtXrdZ+haVHomiW1hFg+UnzMP4mPLH8ya0KdGn7OFi8Fhlh6Kj16+oUUUVqdoUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAeE/GXTfJ8bQTW1s4N5bIWdVJ82QMVwPfAUYHt617PoVnHp+gWNrBF5KRwKBHz8pxk9ferjxRyFTJGrlTkblzin1jCkoTlPueti8ylicLSw7VuTrfft9wUUUVseSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB5b8VdIaK+ttWgjwki+XK65zuHQnsOMCu18G6wmteF7WdT+8iXyZQSSQygdz1yMH8aua9pMWt6LcWMw/1i/KcZ2t2NeXeANWfw/4ql0y+ISO4byZMkYWRScHP5j3yK5H+6rX6M8Sf+yY3n+zU/P8Ar8z2Kiiius9sKKKKACiiigAooooAKKKKAKesf8gO+/69pP8A0E18n/st/wDJWbn/ALBU3/oyKvrDWP8AkB33/XtJ/wCgmvk/9lv/AJKzc/8AYKm/9GRUAfXlFFFABRRRQAUUUUAFFFFABRRRQAV8b/D7/k6uP/sM3v8AKWvsivjf4ff8nVx/9hm9/lLQB9kUUUUAfIv7U/8AyVez/wCwRF/6Nlr6s0P/AJF7Tv8Ar1i/9AFfKf7U/wDyVez/AOwRF/6Nlr6s0P8A5F7Tv+vWL/0AUAXqKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuD+N3/JFfEn/Xsv/oxa7yuD+N3/ACRXxJ/17L/6MWgDzL9kr/kF+KP+u1t/6DJX0TXzt+yV/wAgvxR/12tv/QZK+iaACiiigAooooAKKKKACiiigAoopssqQQvLKdqRqWY+gHJoA5fx74lOgaKYrc/6Xdho4/mIKDHLjHcdvciud+FehFnm1u4U944Cc8/3j159K5/Vbqbx345jhtC3kyOI4sjGyMcs2CeuMn3wK9lsrKDTrOO1tIliijXCqorjh+9qc/RbHh0L4zFus/ghovX+v0J6KKK7D3AooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAryr4n6I9lqkOuWm5VnIWRlJysi9DnPGQO392vVaz9d0mPW9FubGUD94nyE/wsOhzg45/SsqsOeFjjxuH+sUXDruvUqeEdbXXvDsFyT++UeXMPRhW3Xj/gDVZdA8VvpV7lI7l/JYEEbZB904xnk8duua9gpUZ88NdyMBiPb0U3utGFFFFbHeFFFFABRRRQAUUUUAU9Y/5Ad9/17Sf+gmvk/wDZb/5Kzc/9gqb/ANGRV9Yax/yA77/r2k/9BNfJ/wCy3/yVm5/7BU3/AKMioA+vKKKKACiiigAooooAKKKKACiiigAr43+H3/J1cf8A2Gb3+UtfZFfG/wAPv+Tq4/8AsM3v8paAPsiiiigD5F/an/5KvZ/9giL/ANGy19WaH/yL2nf9esX/AKAK+U/2p/8Akq9n/wBgiL/0bLX1Zof/ACL2nf8AXrF/6AKAL1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXB/G7/kiviT/r2X/0Ytd5XB/G7/kiviT/AK9l/wDRi0AeZfslf8gvxR/12tv/AEGSvomvnb9kr/kF+KP+u1t/6DJX0TQAUUUUAFFFFABRRRQAUUUUAFcN8TteFho6aZA48+85cAjKxj/E9/Y12d5dRWNnLdXDBIoULsx7AV4tape+PPGgecyPE8mWzyIYgeF4xj047kmuavNpci3Z5WZV3GCow+Keh2Hwx8ONZWb6xcgeZdJthAPRM8k/UgV39NijWGFIoxhEUKoz0Ap1bU4KEVFHbhqEcPSVOPQKKKKs6AooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8o+KGh/Y9Sh1i2G1Lg7ZCvGHHIP4jv7V3fhHXV1/w9BcswM6jZOBjhx3x2z1q5rukx65olzp8xwJkwrc/Kw5U8dcHBxXl/gDVpdA8USaVf7o453MTox+5IOAeuB6E1yP91Vv0Z4kv9jxvN9mp+f8AX5nsFFFFdZ7YUUUUAFFFFABRRRQBT1j/AJAd9/17Sf8AoJr5P/Zb/wCSs3P/AGCpv/RkVfWGsf8AIDvv+vaT/wBBNfJ/7Lf/ACVm5/7BU3/oyKgD68ooooAKKKKACiiigAooooAKKKKACvjf4ff8nVx/9hm9/lLX2RXxv8Pv+Tq4/wDsM3v8paAPsiiiigD5F/an/wCSr2f/AGCIv/RstfVmh/8AIvad/wBesX/oAr5T/an/AOSr2f8A2CIv/RstfVmh/wDIvad/16xf+gCgC9RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVwfxu/wCSK+JP+vZf/Ri13lcH8bv+SK+JP+vZf/Ri0AeZfslf8gvxR/12tv8A0GSvomvnb9kr/kF+KP8Artbf+gyV9E0AFFFFABRRRQAUUUUAFFFVNU1KDSdLnvrpgI4ULYJA3Hsoz3J4pN2V2KUlFXexwPxQ8SNGBodsR8yh7hgSCPRfxrb+HOg/2R4dW6mXFzfYlb/ZT+EdeeOf+Be1cH4X0uTxl4umub8kxBjPOVOO/AFe1AAAADAHQCuWinUm6j+R4uBjLE15Yue20f6/rqFFFFdZ7YUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXkHxI0U6T4hTVLZQIrtt59BIOT3yc9fxr1+sfxToq694fuLM/6zG6I+jDpWNaHPCxw4/D/WKDit1qiXw7rEeu6DbX0ZG51xIox8rjgjGTj1HsRWnXk3wz1qTTdbm0W83IlwTtRs/JKvUY7ZA5/3RXrNOjPnhceBxH1iipPfZ+oUUUVqdoUUUUAFFFFAFPWP+QHff9e0n/oJr5P/AGW/+Ss3P/YKm/8ARkVfWGsf8gO+/wCvaT/0E18n/st/8lZuf+wVN/6MioA+vKKKKACiiigAooooAKKKKACiiigAr43+H3/J1cf/AGGb3+UtfZFfG/w+/wCTq4/+wze/yloA+yKKKKAPkX9qf/kq9n/2CIv/AEbLX1Zof/Ivad/16xf+gCvlP9qf/kq9n/2CIv8A0bLX1Zof/Ivad/16xf8AoAoAvUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcH8bv+SK+JP8Ar2X/ANGLXeVwfxu/5Ir4k/69l/8ARi0AeZfslf8AIL8Uf9drb/0GSvomvnb9kr/kF+KP+u1t/wCgyV9E0AFFFFABRRRQAUUUUAFeUfFDWzfapDo1qd6W53SBRnMh4A6ZyAT+dd/4q1pdB8O3F5n95jZEPVz07H3P4V5x8PtEn1vxGdX1BXkgt28zzHGRJL2Gc9uv4Y71y15OTVOPU8bMakqko4SnvLfyR33gvw9/wjugrDKVNzMfMmKk4z2H4DiuhoorojFRVkerSpxpQUI7IKKKKo0CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPIfiLoz6L4ki1ayUJFcsJBhRhJVxnjGOeDz1Oa9L8O6xHruhW99GfmdcSDP3WHUVH4p0Vde8PXFmR+8xvhPo46dx15H41578M9bbTtal0e8balwSEyRhZB2znvyOOpxXJ/Cq+UjxF/seNt9mp+f8AX5nrNFFFdZ7YUUUUAFFFFAFPWP8AkB33/XtJ/wCgmvk/9lv/AJKzc/8AYKm/9GRV9Yax/wAgO+/69pP/AEE18n/st/8AJWbn/sFTf+jIqAPryiiigAooooAKKKKACiiigAooooAK+N/h9/ydXH/2Gb3+UtfZFfG/w+/5Orj/AOwze/yloA+yKKKKAPkX9qf/AJKvZ/8AYIi/9Gy19WaH/wAi9p3/AF6xf+gCvlP9qf8A5KvZ/wDYIi/9Gy19WaH/AMi9p3/XrF/6AKAL1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXB/G7/AJIr4k/69l/9GLXeVwfxu/5Ir4k/69l/9GLQB5l+yV/yC/FH/Xa2/wDQZK+ia+dv2Sv+QX4o/wCu1t/6DJX0TQAUUUUAFFFFABRRXO+NvEC6F4flaORRdzDZCuRnJ/iweuKmUlFXZnVqRpQc5bI8+8fa43iHxHFp1gWaG2byQpAAaUtgn1x0HPpXqHh3R49D0K3sYwNyLmQ4+8x6n/PpXn3wv8OLc3L61dK223bZb84y2OT78HH516pXPQi3epLdnl5dTlNyxVTeW3oFFFFdR7AUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeR/EfSZNH8RQ6vYgwpOwcOmfllHOc9j349K9crE8XaOut+Gbu28syTKhkg2gbt45AGemen0NY1oc8LHDj8P7eg0t1qix4d1hNd0K2v0wDIuHUfwsOCPzrTryf4Waw9tq02lSY8q4BdckDDj+eRXrFOjPngmPA4j6xQU3vs/UKKKK1O0KKKKAKesf8gO+/69pP8A0E18n/st/wDJWbn/ALBU3/oyKvrDWP8AkB33/XtJ/wCgmvk/9lv/AJKzc/8AYKm/9GRUAfXlFFFABRRRQAUUUUAFFFFABXL+M/iN4a8Ax2zeJr427XRIijjjMjsB1O0c49/euor57/au0NZdD0TXF85pbedrVlUZRUYbtx44OVA696AOw/4aP+HH/QUuv/AKT/CvA/hfew6l+0zZX1oxaC61O6miYjBKsspBx24NdH8JPgh4V+IvgdNWu9Z1GK+SZ4rmC2aMLEQfl+8hPK4PXvXrHgr9n3wx4J8U2+vWl7qN7c2wbyVuZF2oxGN3yqMnBIweOenSgD1WiiigD5F/an/5KvZ/9giL/wBGy165pf7RHw7tdHs7ebU7oSRQIjgWUhwQoB7VtfEX4LeHviRq1tqeq3N7Z3cEPkGS1df3iZJUEMCOCW5GPvc54x5p4y/Zu8K+GfBOsa1FrWqGaxs5Z4lmkiCO6qSqn5B1OBxzQB634P8Ai14Q8c6pJp3h7UWlu0TzPKlhaMsvcruHOO+K7SvlL9lfQ1u/G2paxJ5ymwtdkeB8jFzggnHUAA19W0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcH8bv+SK+JP+vZf/AEYtd5XB/G7/AJIr4k/69l/9GLQB5l+yV/yC/FH/AF2tv/QZK+ia+dv2Sv8AkF+KP+u1t/6DJX0TQAUUUUAFFFFABXiuv3U/jbxwLaxbMW/yYDgkKoPLHjIHf2rtviVr7aXoa2Ns5S4vTgspIKoPvc+/A+hNZvws0IJby6zOoLSExwZxwO59vSuSq/aTVNfM8TGyeJxEcJHbeX9f10O60nTYtI0m2sLf7kCBc4xuPUn8Tk/jVyiiupKysj2oxUUorZBRRRTGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB43410yXwv4xTUbEFIpn8+IqOFbPK9MDnPHpXrGkalFq+kW1/B9ydA2Bng9COfQgisrxroQ13w5NGig3EI8yE8dR1Ge2a4/wCFmveTczaLcthZT5sGePm6Mv4gA49jXJH91Vt0Z4lP/Y8Y6f2Z7ev9foeo0UUV1nthRRRQBT1j/kB33/XtJ/6Ca+T/ANlv/krNz/2Cpv8A0ZFX1hrH/IDvv+vaT/0E18n/ALLf/JWbn/sFTf8AoyKgD68ooooAKKKKACiiigAooooAK4T41aMNb+DniGAzmHyLU3e4Lu3eT+829R124z2zXd010WSNkdQysMEEZBFAHzp+ydrJa11/RPIGEdLvzt3XcNm3GP8AZznPevo2vjv4RM3gX9or+xbtjcOLmbTGaE4UvkqGwe3FfYlABRRRQAV43+07rJ0/4VLYCASDU7yOEvux5ew+ZnGOc7MduteyV8o/tUa0t5440zSESRWsLUu5J+V/MIIwPbB/OgD0r9mLRhp/wqbUBOZDqd5JKU248vYfLxnPOdue3WvZKwPAek3GhfD7QtLvY1iubSwhimRCCA4QBuR1571v0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcH8bv+SK+JP8Ar2X/ANGLXeVwfxu/5Ir4k/69l/8ARi0AeZfslf8AIL8Uf9drb/0GSvomvnb9kr/kF+KP+u1t/wCgyV9E0AFFFFABUVzcR2lrLcTttjiUsx9hUteffFDxEkFgujWsqmaY7rgKeUTsDx36+vA9aipNQi5M58TXjh6TqPp+ZycrzePvHahAyQysFHQGOJeTzjrjOM9yBXtMEEdtbxwwIqRxqFVVGAAPauP+HHhxdL0cajcRkXl2vfI2x54GCODxn8q7SsqEGlzS3Zx5dQlCm6tT4p6hRRRXQeoFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeN+NdNm8L+Mk1Kx3JFO/2iJgSMNn51znPufZsV7JXP8AjXQhrvhuaJFzcQ/vYT7jqOhPI7euKwrQ54abo8/MMO69H3fiWqNPSNSi1fSbe+gOVmQEj0PcVdrzD4Wa4YbqbRLkkb8yQg9mH3lxj0559K9PqqU+eCZrg8QsRRU+vX1CiiitTrKesf8AIDvv+vaT/wBBNfJ/7Lf/ACVm5/7BU3/oyKvrDWP+QHff9e0n/oJr5P8A2W/+Ss3P/YKm/wDRkVAH15RRRQAUUUUAFFFFABRRRQAUUUUAfHHxq09/Bvx6k1OyjnsYbiaK/jmjkO52ODKynOR827jivr7Tr6HVNLtdQtd3kXcKTx7hg7WUMMj1wa+fP2r9BVrbQ9ejinaRS9rK4GY0T7y544JJPevTvgjq76z8HdCnuLtbq4iiaCUhgSmxyFUgdCE2cdcYPegDvqKKKACvjTVrZPiJ+049orSatp9xqqxuBK3/AB7IRvAOQVUKG6Yx2r638T6sNC8KapqnmwxNaWskqNMcJvCnaDyOrYGO+a+Yv2ZtJOtfFDUNfu4pt1nbySpJGMR+bIdpUnH91mIGc8UAfWIGAAOgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK4P43f8kV8Sf9ey/wDoxa7yuD+N3/JFfEn/AF7L/wCjFoA8y/ZK/wCQX4o/67W3/oMlfRNfO37JX/IL8Uf9drb/ANBkr6JoAKKKKAK2o30Wm6dPeXBxHChduM9K8c0DTbjxv4wmubskR7/OnYjcAM/Kn5DA9hW58UPEby3C6HasDGuHn+XJLdQM11HgHQBonhuN5VAurv8AfSnAyAfurnGcAc4PQk1xy/e1eXojw61sbi1R+zDV+v8AX6nToixxqiAKqgBQOwpaKK7D3AooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPGvGumy+F/GEeoaeBGkrieHAGFYHkY9M/nXrGj6nDrGk299bH5JkDYznae4PuDxWH8QtFfWPC0hg3GW0Pnoo/iwOR+ROPeue+FGsrsudImdt+fNhDNkY7gDt6/jXJH93W5ejPEpf7LjXS+zPVev9foelUUUV1ntlPWP+QHff9e0n/oJr5P8A2W/+Ss3P/YKm/wDRkVfWGsf8gO+/69pP/QTXyf8Ast/8lZuf+wVN/wCjIqAPryiiigAooooAKKKKACiiigAooooA86+O+jLrXwd1hXkdDZqLtQgzuKHhfpzXBfsn628/h3XtDaNFS0uY7pZM/M5lUqRj0HlD86961GB7rS7qCLG+WF0XJ4yVIFfIXwCupPC3x3Gk3kIlnnS401yj8Rup3FunI/dEdutAH2LRRRQB5R+0hrTaV8H7m3SNH/tK5itW3HBReZNw9eYwPxrI/Za0eOz+Hd7qiysz6heFWQjhPLGBj67q4n9rDWluPE+haIISrWdq90Zd3DCVgu3HbHk/r7V7v8LdBbw38MdE06WGCKdbZXm8gDDu3JYnAySMc0AdbRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVwfxu/5Ir4k/69l/8ARi13lcH8bv8AkiviT/r2X/0YtAHmX7JX/IL8Uf8AXa2/9Bkr6Jr52/ZK/wCQX4o/67W3/oMlfRNABWZ4h1yHw9os1/Ou8pgRxhgC7HgDn8z7A1p15D8RNeOua3DpemsZ4oG2gR5PmSnjGO5HT8TWNapyRv1OHHYn6vRclu9F6kfgXS5fEfiyTU7/ADJHC5mkZh99yeB0wfcV7FWP4Y0GHw9osVrGq+awDTuP43xya2KKNPkjruLAYZ4ejaXxPVhRRRWx3hRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeLeILOXwV45W5sxthL+dCOxQnlcZ6Dkc9cV7TXK/EDQTrPh1pIELXNrmSMAElh3GKwrw5o3W6PNzGg6tHmj8UdUdHY3sOo2EF5bNuimQOvIOM9jjuOlT15z8K9fMsE2i3DEmL97BnP3f4l9sHB/E16NV0588VI6cLXWIoqov6ZT1j/kB33/AF7Sf+gmvk/9lv8A5Kzc/wDYKm/9GRV9Yax/yA77/r2k/wDQTXyf+y3/AMlZuf8AsFTf+jIq0Ok+vKKKKACiiigAooooAKKKKACiiigAr4x+KVmfAf7Q0l+ltJZ2hu4dRiED5aSMkeYRzxuZZBgkfka+zq+af2sPDwW60LxFBbylpEks7mfkooUho19ATul+uPagD6RtLlbyyguYwwSaNZFDdQCM8/nUtcf8KfEB8S/C/RdQluIp7j7OI5zFjCuvBUgdCBjiuh13UotH0C+1G4njt47aB5DLKcKpA4Jz74oA+SfHUr/ET9pgWFo39qWq3sVnHEfkAijwZU5xwD5v17dq+woYkt4I4YV2xxqERR2AGAK+Sf2ddNl8UfGS78QajBJKbSKW7aeMbUS4kbABxxyGkwPb2r65oAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuD+N3/JFfEn/AF7L/wCjFrvK4P43f8kV8Sf9ey/+jFoA8y/ZK/5Bfij/AK7W3/oMlfRNfO37JX/IL8Uf9drb/wBBkr6JJABJOAOpNAGD4y1waD4cnnU4nkHlwj/aPfrngd/pXB/DXw9JqGrHWb1N9vbk+WXwd8vrz6Zzn1xWf4v1m48WeKlsbM77eKXybZQM5PAZuM5BIzn0Ar1zRdLi0bR7exhAxEgDH+83c1xr99Vv0R4ULY7Gc/2IbebL1FFFdh7oUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUhAZSGAIIwQe9LRQB4r4gs5fBfjtLq0XEO/z4cAY2nIZemB3HsMV7FY3kWoWEN3bsGjmQMpFc78QtC/tnw28sS5ubPMsfuv8Q5PoM/8AAawvhZr4khl0a5f5k/eQbj1HdeTz64A6A1yQ/dVXHozxKH+yYt0X8M9V6/1+h3esf8gO+/69pP8A0E18n/st/wDJWbn/ALBU3/oyKvrDWP8AkB33/XtJ/wCgmvk/9lv/AJKzc/8AYKm/9GRV1ntn15RRRQAUUUUAFFFFABRRRQAUUUUAFeX/ALRGkQ6p8GtRmmkkRtOliu4wmMM27y8H2xIfyFeoVm+I9L/tvwxqWmBYma7tZIU84ZQMVIUng9Dg/hQB41+ytrjXfgzU9Gk8lRY3IkjAPzsJB8xIz0BA7d66n9oTXG0b4QaikXks9+y2pWQ87WPzFRnqMV4l+zdqEmh/GSfR3iWVr23mtXkD4CGP58gY5zsx2611P7WWrwM3h/Rgkn2hBJdl8DZtb5AOuc5U9qANP9k/RWt/DGu62Zgy3l0lqItvKGJS27PfPnfp717/AFxPwe0JvD3wl0GymEPnPb/aJGhHD+YS4JOBk7WUH6V21ABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVwfxu/5Ir4k/69l/9GLXeVwfxu/5Ir4k/wCvZf8A0YtAHmX7JX/IL8Uf9drb/wBBkr1z4geJf7D0f7Pbn/S7tSqENgxju1eRfsmME0nxSzkKqy25JJwANslb9/NP468eCKAt5DPsjznCRjqcZ/E4rnrzcY2W7PNzGvKnSUIfFLRHRfCvQSqTa1cIRuzFb5B5H8Te/PH4GvSahs7O30+zitbOJYYIl2oijgD/AD3qatKcOSKidGFw6w9FU18/UKKKK0OoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAAjIweRXievwv4N8fC4sTkRuJ41yeVPVSfcZB+te2VxfxL0H+0tB/tCEZnsQXI5+aP8AiHXHHXPtXPiIOULrdHmZlRdSjzw+KOqOhu7uK/8ACtxd25Jins3kQkYyChIr5W/Zb/5Kzc/9gqb/ANGRV7n4H177Z4P1HSrhyZbW3kMZY5JQqeOT26YHQYrwz9lv/krNz/2Cpv8A0ZFWtOfPFSOvDVlXpRqLqfXlFFFWdAUUUUAFFFFABRRRQAUUUUAFFFFAHxp4utYPh/8AtLxXd3Gtjp0OqQXwEHO2AuGJwPo3FWvircy+Pv2ihpOnSNdxxXMVjFDMdqqy4EijPbcG+tdB+1Z4fFvr2j6/BasBcxNb3FxuJBdeUXGeDjd0Fc38CIpPFvx1XVtbRrqcCa+eZRsAm6hjtwByTx09qAPsG2t4bS1itrWNYoYUEccajAVQMAD2AqSiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK81+Pms6dpnwh1e1vruOG41CMQ2sTH5pXDKSAB6AcnoOPUV6VXzp+1t/x4eFv+ut1/KKgDhvg3rb2PhLxFpsO5XvZ7cuw/uKHyM56k4/DNdbY+LotCvJGs9YtbS4HyPmVNw9ueldB8J/g34V1T4d6Prswv4r++tt07wXjIG+Y9h9BXQN+zd8PHYs9nfMxOSTevzXLOg5z5mzyMRl069d1XO3a3Q5D/ha19/0NUH/AH+io/4Wtff9DVB/3+irrv8Ahmz4df8APle/+Bj0f8M2fDr/AJ8r3/wMej6u/wCZk/2bU/5/S/r5nI/8LWvv+hqg/wC/0VH/AAta+/6GqD/v9FXXf8M2fDr/AJ8r3/wMej/hmz4df8+V7/4GPR9Xf8zD+zan/P6X9fM5H/ha19/0NUH/AH+io/4Wtff9DVB/3+irrv8Ahmz4df8APle/+Bj0f8M2fDr/AJ8r3/wMej6u/wCZh/ZtT/n9L+vmcj/wta+/6GqD/v8ARUf8LWvv+hqg/wC/0Vdd/wAM2fDr/nyvf/Ax6P8Ahmz4df8APle/+Bj0fV3/ADMP7Nqf8/pf18zkf+FrX3/Q1Qf9/oqP+FrX3/Q1Qf8Af6Kuu/4Zs+HX/Ple/wDgY9H/AAzZ8Ov+fK9/8DHo+rv+Zh/ZtT/n9L+vmcj/AMLWvv8AoaoP+/0VH/C1r7/oaoP+/wBFXXf8M2fDr/nyvf8AwMej/hmz4df8+V7/AOBj0fV3/Mw/s2p/z+l/XzOR/wCFrX3/AENUH/f6Kj/ha19/0NUH/f6Kuu/4Zs+HX/Ple/8AgY9H/DNnw6/58r3/AMDHo+rv+Zh/ZtT/AJ/S/r5nI/8AC1r7/oaoP+/0VH/C1r7/AKGqD/v9FXXf8M2fDr/nyvf/AAMej/hmz4df8+V7/wCBj0fV3/Mw/s2p/wA/pf18zkf+FrX3/Q1Qf9/oqP8Aha19/wBDVB/3+irrv+GbPh1/z5Xv/gY9H/DNnw6/58r3/wADHo+rv+Zh/ZtT/n9L+vmcj/wta+/6GqD/AL/RUf8AC1r7/oaoP+/0Vdd/wzZ8Ov8Anyvf/Ax6P+GbPh1/z5Xv/gY9H1d/zMP7Nqf8/pf18zkf+FrX3/Q1Qf8Af6Kj/ha19/0NUH/f6Kuu/wCGbPh1/wA+V7/4GPR/wzZ8Ov8Anyvf/Ax6Pq7/AJmH9m1P+f0v6+ZyP/C1r7/oaoP+/wBFR/wta+/6GqD/AL/RV13/AAzZ8Ov+fK9/8DHo/wCGbPh1/wA+V7/4GPR9Xf8AMw/s2p/z+l/XzOR/4Wtff9DVB/3+io/4Wtff9DVB/wB/oq67/hmz4df8+V7/AOBj0f8ADNnw6/58r3/wMej6u/5mH9m1P+f0v6+ZyP8Awta+/wChqg/7/RUf8LWvv+hqg/7/AEVdd/wzZ8Ov+fK9/wDAx6P+GbPh1/z5Xv8A4GPR9Xf8zD+zan/P6X9fM5H/AIWtff8AQ1Qf9/oqP+FrX3/Q1Qf9/oq67/hmz4df8+V7/wCBj0f8M2fDr/nyvf8AwMej6u/5mH9m1P8An9L+vmcj/wALWvv+hqg/7/RUf8LWvv8AoaoP+/0Vdd/wzZ8Ov+fK9/8AAx6P+GbPh1/z5Xv/AIGPR9Xf8zD+zan/AD+l/XzOR/4Wtff9DVB/3+io/wCFrX3/AENUH/f6Kuu/4Zs+HX/Ple/+Bj0f8M2fDr/nyvf/AAMej6u/5mH9m1P+f0v6+ZyP/C1r7/oaoP8Av9FR/wALWvv+hqg/7/RV13/DNnw6/wCfK9/8DHo/4Zs+HX/Ple/+Bj0fV3/Mw/s2p/z+l/XzOR/4Wtff9DVB/wB/oqP+FrX3/Q1Qf9/oq67/AIZs+HX/AD5Xv/gY9H/DNnw6/wCfK9/8DHo+rv8AmYf2bU/5/S/r5nI/8LWvv+hqg/7/AEVH/C1r7/oaoP8Av9FXXf8ADNnw6/58r3/wMej/AIZs+HX/AD5Xv/gY9H1d/wAzD+zan/P6X9fM5H/ha19/0NUH/f6Kj/ha19/0NUH/AH+irrv+GbPh1/z5Xv8A4GPR/wAM2fDr/nyvf/Ax6Pq7/mYf2bU/5/S/r5nI/wDC1r7/AKGqD/v9FR/wta+/6GqD/v8ARV13/DNnw6/58r3/AMDHo/4Zs+HX/Ple/wDgY9H1d/zMP7Nqf8/pf18zkf8Aha19/wBDVB/3+io/4Wtff9DVB/3+irrv+GbPh1/z5Xv/AIGPR/wzZ8Ov+fK9/wDAx6Pq7/mYf2bU/wCf0v6+ZyP/AAta+/6GqD/v9FR/wta+/wChqg/7/RV13/DNnw6/58r3/wADHo/4Zs+HX/Ple/8AgY9H1d/zMP7Nqf8AP6X9fM5H/ha19/0NUH/f6Kj/AIWtff8AQ1Qf9/oq67/hmz4df8+V7/4GPR/wzZ8Ov+fK9/8AAx6Pq7/mYf2bU/5/S/r5nI/8LWvv+hqg/wC/0VH/AAta+/6GqD/v9FXXf8M2fDr/AJ8r3/wMej/hmz4df8+V7/4GPR9Xf8zD+zan/P6X9fM5H/ha19/0NUH/AH+io/4Wtff9DVB/3+irrv8Ahmz4df8APle/+Bj0f8M2fDr/AJ8r3/wMej6u/wCZh/ZtT/n9L+vmcj/wta+/6GqD/v8ARUf8LWvv+hqg/wC/0Vdd/wAM2fDr/nyvf/Ax6P8Ahmz4df8APle/+Bj0fV3/ADMP7Nqf8/pf18zkf+FrX3/Q1Qf9/oqP+FrX3/Q1Qf8Af6Kuu/4Zs+HX/Ple/wDgY9H/AAzZ8Ov+fK9/8DHo+rv+Zh/ZtT/n9L+vmcj/AMLWvv8AoaoP+/0VH/C1r7/oaoP+/wBFXXf8M2fDr/nyvf8AwMej/hmz4df8+V7/AOBj0fV3/Mw/s2p/z+l/XzOR/wCFrX3/AENUH/f6Kkf4p3kiMknii3ZWGCrSxEEV1/8AwzZ8Ov8Anyvf/Ax6P+GbPh1/z5Xv/gY9H1d/zMP7Mn/z+l/XzOE0jXlt5ZLvSp4roiN42EUgIbcuNpIzivMfhB43sfhl4+udT161upoxaSWjR2qqzhy6H+JgMfIe9e/a98JPDfgXwteal4fM9rHD+9uBcXJZNo6tz0Irhfhx8P8Awb8TfFniOXUFluo7SK1KvbzlF3v5obp14RPxzSoxlTm4dBYGlUwteVB6xeqZ1v8Aw1Z4M/6BGu/9+Yf/AI7R/wANWeDP+gRrv/fmH/47Wx/wzZ8Ov+fK9/8AAx6P+GbPh1/z5Xv/AIGPXWe0Y/8Aw1Z4M/6BGu/9+Yf/AI7R/wANWeDP+gRrv/fmH/47Wx/wzZ8Ov+fK9/8AAx6P+GbPh1/z5Xv/AIGPQBj/APDVngz/AKBGu/8AfmH/AOO0f8NWeDP+gRrv/fmH/wCO1sf8M2fDr/nyvf8AwMej/hmz4df8+V7/AOBj0AY//DVngz/oEa7/AN+Yf/jtH/DVngz/AKBGu/8AfmH/AOO1sf8ADNnw6/58r3/wMej/AIZs+HX/AD5Xv/gY9AGP/wANWeDP+gRrv/fmH/47R/w1Z4M/6BGu/wDfmH/47Wx/wzZ8Ov8Anyvf/Ax6P+GbPh1/z5Xv/gY9AGP/AMNWeDP+gRrv/fmH/wCO0f8ADVngz/oEa7/35h/+O1sf8M2fDr/nyvf/AAMej/hmz4df8+V7/wCBj0AeR/Gb4yeGfiX4TttP0u11a0urW6E6faIItj8FSCVkJHDE9D0/GtD9lPUNNtvEusWc1zIupXcC+TD5XyMiHJO7PXnoQPqelemf8M2fDr/nyvf/AAMeuh8G/CLwj4E1WTUtAsZFu3j8sSzzGQovfbnpmgDt6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr50/a2/48PC3/AF1uv5RV9F186ftbf8eHhb/rrdfyioA9R+Cv/JF/DX/Xqf8A0Nq7quF+Cv8AyRfw1/16n/0Nq7qgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA4z4wf8kd8T/wDXg9eO/sj/AOv8Wf7tp/OavYvjB/yR3xP/ANeD147+yP8A6/xZ/u2n85qAPpWiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvnT9rb/jw8Lf9dbr+UVfRdfOn7W3/AB4eFv8ArrdfyioA9R+Cv/JF/DX/AF6n/wBDau6rhfgr/wAkX8Nf9ep/9Dau6oAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOM+MH/JHfE//AF4PXjv7I/8Ar/Fn+7afzmr2L4wf8kd8T/8AXg9eO/sj/wCv8Wf7tp/OagD6VooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAr50/a2/48PC3/XW6/lFX0XXzp+1t/x4eFv+ut1/KKgD1H4K/wDJF/DX/Xqf/Q2ruq4X4K/8kX8Nf9ep/wDQ2ruqACiiigAooooAKKKKACiimySxxKDK6oCcAscUAOornNW+IfhDQryS01bxHp1rcxqGaGS4UOARkce9ef6t+054GsrMS6b9u1KbeB5KQGIgeuW4/wD10Aex0V8vav8AtXarLJdR6LoFtBEylbeaeQtIhI4YgfKSDzjpXKyfFj4ueNLiHT9LuL37Qu51TTLYxu4xznaOQKAPsuivhOy1fxdYfFnT38QXupQayt9brP8AaXZZRu2jBB9UI/A192UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFfNf7U/iXVrPUtI0O0vJILCa3NzLHGdpdw5AyR2GOlcNp9n8bNL0y1ttF/4SM2BhSW3NmXeIpIA4wRx/Fz75oA+zaK+Prf9oX4l6bdRLf8AkzR2zgTRS2YUuFPzKzYyCcHJrqdL/axuftw/trw3CLXac/ZJjvz2+9xigD6YorxbRv2ofBl8Zv7Vtr/SwmPLLx+b5mc5+5nGMDr6112lfGn4f6tZfaY/EtnbDcV8u8fyX477W5x70Ad3RVOz1fTr+zhurK+t54J0DxSJKCHU8girlABRRRQAUUUUAFFFFABRRRQAUUUUAcZ8YP8Akjvif/rwevHf2R/9f4s/3bT+c1exfGD/AJI74n/68Hrx39kf/X+LP920/nNQB9K0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV86ftbf8AHh4W/wCut1/KKvouvnT9rb/jw8Lf9dbr+UVAHqPwV/5Iv4a/69T/AOhtXdV5h8JfFGgaR8IfDVtq2uabYz/Y93lXN3HG2C7YOGIOKZq/7Rfw702yea11SfU5VYL9ntLVw555IMgVcD60AepUV87av+1lZR3SDQPDFxc2+zLte3CwuGyeAFDgjGOc+vFcHffH74leK7hLDQ9ttM0peKPTLUvMygE7ed24AcnAHTNAH2KSFBJOAOST2rn9W8eeFdDsxdanr9hDCXCbhMH5PsuT2r5RTwx8avG80+oPb65I4xHIbicWeeOMI7JkY7gVv6P+yt4puZLV9Y1bTbK3kUNMsbPLNFkZ27doUkHg/Nj0JoA9b1X9o34faXe/Z0vbq/G0N51nBuTntkkHP4V5/q37WUjWbrofhhYrncNsl3cmRMZ5yqhTn8a3tG/ZU8NWqSjXNZv9QZiPLMCrb7B3z97Pb0r0XSfhL4E0S8S707w1ZpOilQ7gycEYPDEj9KAPmq8+OfxV8RyXM2kyyW9nL+7MOn6erpF8oBAcqzA9/vZGeMcVXT4ZfF/xk1tZ6wmrS2r/AL2OTVb5mhQ7SQ2CzYJHHTvX2NZ2Fnp0Ji0+0gtY2bcUgjCAn1wO/AqxQB8q6L+yp4guo3bXdas9PZXAVIEM+9e5zlcH8DXouk/sweBtPvDNfS6lqkWwr5FzOEUH+9mMK2fxxzXstFAHIaR8KPAmiWP2Sz8LaZJHvL5u4BcPk/7cm5scdM4rrgAqgKAABgAdqWigD4t+M96NM/aN1S+ZDILW6tJigON22GI4z+Fek/8ADWtl/wBCjcf+B6//ABFew+IPhr4P8Van/aGv6DbXl3sCGZtysQOmdpGevU1l/wDCkfhz/wBCraf99yf/ABVAHmX/AA1rZf8AQo3H/gev/wARR/w1rZf9Cjcf+B6//EV6b/wpH4c/9Craf99yf/FUf8KR+HP/AEKtp/33J/8AFUAeZf8ADWtl/wBCjcf+B6//ABFH/DWtl/0KNx/4Hr/8RXpv/Ckfhz/0Ktp/33J/8VR/wpH4c/8AQq2n/fcn/wAVQB5l/wANa2X/AEKNx/4Hr/8AEUf8Na2X/Qo3H/gev/xFem/8KR+HP/Qq2n/fcn/xVH/Ckfhz/wBCraf99yf/ABVAHmX/AA1rZf8AQo3H/gev/wARR/w1rZf9Cjcf+B6//EV6b/wpH4c/9Craf99yf/FUf8KR+HP/AEKtp/33J/8AFUAeZf8ADWtl/wBCjcf+B6//ABFH/DWtl/0KNx/4Hr/8RXpv/Ckfhz/0Ktp/33J/8VR/wpH4c/8AQq2n/fcn/wAVQB5l/wANa2X/AEKNx/4Hr/8AEUf8Na2X/Qo3H/gev/xFem/8KR+HP/Qq2n/fcn/xVH/Ckfhz/wBCraf99yf/ABVAHmifta2BdQ/hO4VSeSL5Tgf98U64/az01LmVLfwrcywq5EcjXiqXXPBI2HGR2zXB/tGeENB8H+KNItvDWmxafDPZtJIkZYhm3kZ5J7Vm/s/+GdH8WfEiXT/EVhHfWi6fLKIpCQAwZADwR6mgD0r/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgDzL/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgDzL/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgDzL/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgDzL/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgDzL/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgDzL/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgDzL/AIa1sv8AoUbj/wAD1/8AiKP+GtbL/oUbj/wPX/4ivTf+FI/Dn/oVbT/vuT/4qj/hSPw5/wChVtP++5P/AIqgD5Z+LvxMi+J2uWGoQaY+nC0tjAUeYSbvmLZyAMda+xvBH/JPvD3/AGC7b/0UtYCfBT4dRyK6+FbQMpyPnkPP/fVdzHGkUaxxIqIgCqqjAUDoAKAG3FvDd2sttdwxzwTIUkilUMrqRggg8EEdq5XVvhV4F1mwNpeeFdMjjLBibW3W3fI/249rY9s111FAHkOs/sz+AdSEP9nxX2keXnebW5L+ZnGM+bvxjB6Y681xV9+yWzX0p03xUI7Ut+6S4tN7ge7BgCfoBX0nRQB8cXf7NnxB0+2kuoY7GdoRvWO3uSZGI6bQVHP41DMnxv8ACEkOrXc3iRBHJtTz7hrlCxB4MZZgeM9Rivs2igD5As/2hfid4eui+vLFeLKhEcOoWAhAOR8w2BCfTqRzXTaP+1leRwSDX/DME8u75DZTmJQuO4bdk596+jr3SdO1JkbUbC1uygIUzwq+36ZHFczqfwl8Caxfveah4ZspJ3ADMoZAcDA4UgfpQBw2nftR+DJ7CKTUrPUrS5YHzII4hKqcnGGyM8YPSuzsfjJ4A1Ga3gt/E1n51wyqkb7lO5ugJIwOT61yd9+zF4FuTcPbyanayS7jGFnUpET0wpXJA9M/jXGan+yXMlg7aP4pjnu8jZHdWpijPPOWVmI4z2NAH0Ta6zpl7MIbPUbS4lIyEinV2x9Aau18gX/7OnxI8ONFc6HLa307kqTpt4YnjGO5k2cH2Jqgtr8bPAl7Jbww+II5bmNXcwqb1SAWA+Zd6g9eMg9M9qAPs6ivji1/aF+JPh1ZNN1JoJrmJz5n9pWhEyH+6QCuPyrq7H9rO/jt4I9Q8LQTSqqiaaK8KBj3YIUOPpn8aAPpyivGNO/ai8D3uoRW9za6tYROSGubiBCkfHUhHZvbgHrXY6P8ZPh9rtw8Fh4osw8ab2+1BrdcZxw0gUE89Ac0AP8AjB/yR3xP/wBeD147+yP/AK/xZ/u2n85q9V+Jus6XrXwX8VS6PqVpqEcdk6u9rOsoU8HBKk4NeVfsj/6/xZ/u2n85qAPpWiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvnT9rb/AI8PC3/XW6/lFX0XXHfEX4ZaL8S9PtLbW5LqB7ORnhntXAZdwAYYIIIOB1GeOO9AHyxpHwJ8a+JPD+nazosVtd2d7biRGe5VCnzEbcMe2PpzXL6t8PfF2h2b3er+HNRtLZGCmaW3YLknA5r7v8P6FZeGfD9no2lIyWlnGI4gzFjjrkk+pJNaNAHwT4T8U6b4ThuI9W8G6frk87Blk1Hd+7UDoq9Bznnv+Fe8eH/2l/BguLS3u/D9xpUax7WuI40dYsL0AX5sZ4/GvZ9Z8J+HvETFtd0TT7+QxGES3FsjyKnPCsRkdSeDwTmvO9Y/Zq+H2o2qRWFreaS6vuMtrdO7MMH5SJCwx34GeKANzR/jf8PtZhkki8RW1oI22lb0+QzcdQG6j3rt7PULPULeKaxuobiKZBJG0bhgykZBHtg1876t+yajXkjaH4naK22jZHd2wkfOOcspUYz7VxcnwJ+KXhJf7R0Rv9JP7o/2TfMs208nn5fl4GefSgD7Eor42fxt8avAkL6deXOrQhAZ2a8tluiqnuZHViBx0zgV0mk/tX67HeJ/begafcWoUhltWeKQnHByzMP0oA+paK8O0j9qfwndWrvrOmahp8wfCxxBZwy4HO75cc54x2r0TQ/il4K8RSeXpfiGzeURCVo5H8sqOOu7AzkjjNAHW0VFbXdvewCazniuIicCSJwyn8RUtABRRRQAUV8/fFL9oXW/BfxAvfD2jaRp8sVisYeW73szsyB8jay4GGAxzyDzzXIf8NW+L/8AoC6J/wB+5v8A45QB9YUV8n/8NW+L/wDoC6J/37m/+OUf8NW+L/8AoC6J/wB+5v8A45QB9YUV8n/8NW+L/wDoC6J/37m/+OUf8NW+L/8AoC6J/wB+5v8A45QB9YUV8n/8NW+L/wDoC6J/37m/+OUf8NW+L/8AoC6J/wB+5v8A45QB9YUV8n/8NW+L/wDoC6J/37m/+OUf8NW+L/8AoC6J/wB+5v8A45QB9YUV8n/8NW+L/wDoC6J/37m/+OUf8NW+L/8AoC6J/wB+5v8A45QB9YUV8n/8NW+L/wDoC6J/37m/+OUf8NW+L/8AoC6J/wB+5v8A45QBY/aw/wCRz0L/ALB7f+jDWT+y7/yVuf8A7Bc3/ocdcX8RPiRqvxM1azvdXs7S3ltYTBGtorAMC2edzHnJqDwH441P4a+KJdW020t5rryHtnivFbCgsCeAQcgrQB980V8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8n/wDDVvi//oC6J/37m/8AjlH/AA1b4v8A+gLon/fub/45QB9YUV8oJ+1b4t8xfM0TRSmfmCpKCR/38r6i0XUhrGg6fqaxmIXttHcCMnOzeobGe+M0AXaKKKACiiigAorOuPEWi2jSLdatYxNFnzFe4QMuOoIznNcbqHx2+HdjYS3K+IYrsxjIhtkZpH5xwCAP1oA9Dorw3WP2qPClrbo2i6XqGoSl8PHLtgCrjrn5s844xXI6x+1jq0k8Z0Dw7Z28W35xeyPKxbPYqVwMexoA+oKRmCqWYgADJJPSvj+5+OXxc1e4e+0oy21pNzHFaaWskS44O1mRieQepPNQjwb8b9fYW923iD7NqB2SfaNQYQ7H67l3YC4PIx07UAfWmqeJNF0SxN5q+q2lnbBgplmmVVBPQZrkdZ+Ofw90UQmXxDDd+bnH2EGfbjH3tvTrxnrzXhel/steL7m+Eerahp1jb7STNE7TEHsNuF/nXXaN+ydp8Zm/4SDxJc3AO3yvsMKw7eud27dntjGO9AGhrH7TPgi31BlsdDutUjKhjcCJI8nuMPzXkGt/E3wrqKXtrYfDTRbeCfcsMwyk6A9DlejfSvftK/Zt+HlhY+Te2F1qcu4n7RcXciNj0xGVXA+ldlY/DjwXp1rbwWvhXSNtuqrG8llHI/HQl2BYn3JJoA+EdP0LVdVv4rLTdOurm5mJEcUcRLMcZ4H0Fdfo/wAEfiDrNw8MXhy5tCibi16PIU84wC3U89K+5aKAPlbSPhD4o8C/DnxlqniK6FpG+mvEtjBMJFm6fM2OOO1an7I/+v8AFn+7afzmr3H4h6Ld+Ivh1rmkaaFa7vLR44g7YBb615l+zd4B8ReDYNfufEtg1h9taBIYpGBc+XvJJA7fOMc9jQB7jRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQA2WJJoXimRZI3Uq6OMhgeoI7iub1j4c+D9ehji1Tw7YSpExZAkXl4P1TGa6aigDyLV/2afAepXNxcWqX2ntKvyR2848qI7cAhSCTyMkZ9a4LV/2Tb2O1Q6B4mt7mff863tu0KhcHkFS5JzjjH419NUUAfHGq/Bz4r+D1lXTPtV3Y2q+b5ul3p2HudsZIcnPYLz701fjB8XPCF3Hc69Je7ZlZI4tXsSkbnjJHCkkcd+9fZNRy28M+PPhjl29N6g4/OgD5e0r9q/W7ay2ax4ds7643E+bDO0C7ew27W/PNegaR+0/4G1G9SC+h1PS0KktcXMCtGpA6fu2ZufpXcav8LfBOuSXUuo+G7B7i7UiS4WELJkjG4MOh9DXB6x+y/4MvYY10q4vtMdWJdxJ5u8emG6UAeG+ONc0rxX+0I2q6POt5p13qFmI5DGyhwFiVvlYA9QRyK+x/wDhF9A/6Aem/wDgJH/hXhGn/stzab4ztL6HxDG+l2txHMFeI+e23Bx/d+8Pyr6LoAy/+EX0D/oB6b/4CR/4Uf8ACL6B/wBAPTf/AAEj/wAK1KKAMv8A4RfQP+gHpv8A4CR/4Uf8IvoH/QD03/wEj/wrUooAy/8AhF9A/wCgHpv/AICR/wCFH/CL6B/0A9N/8BI/8K1KKAMv/hF9A/6Aem/+Akf+FH/CL6B/0A9N/wDASP8AwrUooAy/+EX0D/oB6b/4CR/4Uf8ACL6B/wBAPTf/AAEj/wAK1KKAMv8A4RfQP+gHpv8A4CR/4Uf8IvoH/QD03/wEj/wrUooAyx4Y0FWBXRNOBByCLSPj9KdJ4b0OaVpJdG095HYszNaoSxPUk461pUUAZf8Awi+gf9APTf8AwEj/AMKP+EX0D/oB6b/4CR/4VqUUAZf/AAi+gf8AQD03/wABI/8ACj/hF9A/6Aem/wDgJH/hWpRQBl/8IvoH/QD03/wEj/wo/wCEX0D/AKAem/8AgJH/AIVqUUAZf/CL6B/0A9N/8BI/8KP+EX0D/oB6b/4CR/4VqUUAZf8Awi+gf9APTf8AwEj/AMKP+EX0D/oB6b/4CR/4VqUUAZf/AAi+gf8AQD03/wABI/8ACj/hF9A/6Aem/wDgJH/hWpRQBl/8IvoH/QD03/wEj/wo/wCEX0D/AKAem/8AgJH/AIVqUUAZf/CL6B/0A9N/8BI/8KP+EX0D/oB6b/4CR/4VqUUAfJ37UenWWneMdFTT7O3tUawJZYIlQE+YeSAK9a8P/Gr4faH4V0bTNS8RxR3dtp1skqR28sgVvJXjciEEjvg8HjqKn+MPwcT4mpZ3dnfLZanaL5SvKC0bRk5IIHfJ61w+nfsnWH2CL+1vElx9rwfM+zQr5fU4xu56YoA1L79qvwpFDcCw0fVridFYQ70jSORh93J3khScc4yB27Vx+qftX61cWJj0jw5aWNzuBE01w0ygdxt2r/OvULH9nL4e2c1vM2n3Fw8LKxE1yzJIR/eXoQe4rsNL+HnhDRL4Xmk+HNOtLgKVEsVuoIB6igD5fl+NXxZ8ZYXQUnU2vMv9jWDOfm6b/vY+6cdO9R/8Ip8b/Gn/ABNpINadj+6zNdLaN8v/AEzZkPfrjmvsSK3ggz5EMcW7rsUDP5VJQB8l237L/jjUkivNS1TS4JrjEk6TzyPKhPJDEIQW+jEe9dlYfsnaVDfxSaj4nurq2U/vIY7QRM4x2bc2OfY19BUUAeWaP+zn8PtKuHllsbnUQ6bfLvZ9yrznI2hea67R/h14P0GCSHS/DthFHI29g8QkycY6vkiulooAitraCzt1gtIY4IU+7HEgVV78AcVLRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXn+jTaxf+KPEt7e61dCx0q7ZbayhChWAXJDnBJHsMfWldLf1A9ArPTW7V/EUmir5n2uO3+0n5fl2ZA6+uTXnsd1rt78Om8bx+JLiO7aJryOyXZ9kVAxxEV27icDBO771PgivfEfxJhkTUJtK+0aDHNN9m2+bkupwrMCAM9eDxxT15kn/Wjf6Cbsr/1ul+p6fQTgZPAryex8Wa3eWOn+H31Ix3c+qz6c+p7RvaOIn5l7byB9M9q1pf7V0jxj/wAI2+t3t/Y6lpstwJpmT7RauhA4YKBtIbjI6g0m9Lr5fdf8ira2f9a2O/hmiuIxJBIkqHoyMCD+IrL1rxVo3h6aCLWL0W8lxnyk8tnZ8dcBQa5X4N6a9p4HgnbUby5EryAQzupSPEh5UBQcn3JpnjWTUo/if4XbRbe1uLoQXO2O6naJCNvPzKrHP4VUlaSX9bEp3TfY7XSNb03XrQ3Ok3aXMQYqxUEFSOxBwQfqKv15Ho2syaN4e8Z+J3EcOuyXyxXdkR+7tJAEjTkH5lKlX3YGc9BitXVG1vwnBoerR+ILvVDeXtvbXVpdFDG6zMFJiCqCpG7IyTwDQtWvO33sNk36/gdvpmtWuq3V/b2vmb7CcwTb1wN2M8eorQryi00/Urq/8bXVlr1xpv2W+eSJLYLy4TPzlgcj2GPrVvS/EmqeNtR0bTRqEukLLo0epXT2mFlld2KhVLAgKNpJ4PUVMdUu9l+Kv+jHtf1f52/VHpMs0cELSzyLFGgyzuwAUepJpysGUMpBB5BB61454rn1S48E+PNB1DVLi5j0m182G7UqJJVZGPlycYP3ecAcHtXpfhTT307w5axvf3d6WjVt90ysy8dBtUcVS1V/T8QejS9fwt/mbNZ2n61BqOpX9lDDcJJYOqSNLHtVyRn5T3HFcRr+q6to/jmWfXr7U9P0V3iWwubOJZbXPAZJ1ALhixIDcLjHNU9b8Y6zp48XfZLvcYLqztbN3UFbfzm2F/fGc8+lStf69P8AMbXQ9CuNes7XxFaaLL5n2u7iaWPC/LheuTWlXld3ZXegfFDSJp9Vu9VVdMuJF+1BS4IUnAKgce2KoaRrXjnW9O07XdN0/XZJ7qVJXSSayFgYi2CAvmeYML365HQZxTjrb+urX6E9/wCulz1iDVbK51K50+C4V7u1VWmiGcoGzjP1wat1w3hok/FjxUWGD9ntMj04esrX9e1/U/HOp6PplrrjW2mxx7To8trGzO6g5czuMjnoB+NHbzH1fkenUV5jJfeMJrTwlp+q3Uujahe3E8V2VEbu8aj5CdpKhiuDwSASaq3/AIq1nw/oXiy0XUZ7yXTLqCK2uZkDz7ZWCkAKAGYc7eOTih6Nr+un+YLU9XZ1RCzsFVRkknAFZuqa/Y6RY295cO0kFzMkMbQgMCz9D16e9eYLb6xrEuuvBr3iV9Ci007HvoRbs05B3AK8SsRjvjHuai/su4t/gp4Z8nVbqSS5nsmja52utvkdFAC8exJo/wA1+La/QTdl8n+CT/U9noridBudR0z4i3nh+71S51O2awW7R7rbujfcFIG0D5Tnp2x1rtqOl/67D62/ruFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFULDRbLTZ76a2Rg1/MZp9zZDMRj8Kv0UAcoPhxoQkYKb1bNpvObT1umFqWzn/VdOvP1q1qfgnSdU1RdSf7TbXyQiCO4tJ2idE9FI6Z6V0NFAHOt4F0FvDlvoq2rR21s2+F0ciWN+u8P13Z5zU+j+FNO0a7mu42ubu8nURvc3s7TSbB0Tc3IXknHua26KAOYX4f6Mui6hpAe++wX+fMg+1NtjycnYP4efStN/Dunvqmn6gyObjTo2jt23nAVhg5HetSijYNzFbwlo8mo6peS23mPqsSRXkbNlJAoIB29M4PX2FU9O8BaRp95bXHmX139jObWK8umljtz0yinhSBwPaumooWmwPXc5W++HOg393e3D/a4X1By92ILlkFx7OB1HtVzVPBuk6m1nJtmsp7KPyreexlMMkcf9wMvO3gce1b1FGysBh2vhDR7XQ73ShA00F+rLdvM5eSfcMEsx5Jx3qFfBGmCxsLWWe/nTT5xPbma7dmVh0BPce1dFRR1v8A1psH9ffuc5qHgfStT1F7q6kvTHJKs0lotywt5HXGGaPoTwPyFS3HgzRLqPV47i1MkesBRdKzEg7RgY9MZ7VvUUW0sHW5zWneA9G07V4dUBu7m+hjaJZ7q4aVthGNpJ6iktvAWkWd1vt5L5LYSmYWIum+zBic5EfTrz9a6aigVlsc1e+BdOvNcuNWjvdUsru6RUmNlevCHC5xkD6mpNQ8F6dqF5HeG4v7a7SIQtc2t00UkqjoHYfe/GuhooGZC+GNMRtMZYnB0tne3O8/eYfMW9SevPc1znjXwL/aOj6idFto57nULq3uLyCd/luFicNsBPCkgEZruqKHqC0POvD3g+4i8TreQ6DF4c0z7K8NzZpcLJ9rJ6EhSQMe/NdDa+BdItdHi0sPeS2cE6TwxzXLOIiv3Queij0rpKKf9fqKxnrodkviJ9bCN9te3+zltxxsyDjH1FaFFFLyGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB/9k=)

Fig. Robot layout

Robot.drawingPoint it is randomly generated, with constraints to not exceed canvas dimensions and based on it, the position of the robot it is computed to be the intersection point of the square diagonals from which robot arrow shape is carved.

![A picture containing text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAGAAAISodpAAQAAAABAAAIUJydAAEAAAAMAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERlbmlzAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMxOAAAkpIAAgAAAAMxOAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDoxMjoxNyAxNTo1NTo0MgAyMDIwOjEyOjE3IDE1OjU1OjQyAAAARABlAG4AaQBzAAAA/+ELGGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjAtMTItMTdUMTU6NTU6NDIuMTc5PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRlbmlzPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAFQBngMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APpGiisKI/2p4wlk+9b6TH5S+hncAsfqqYH/AAM0dbCbsbtFYV+f7T8U2enj5obFfttx6buViU/jub/gIqUaxeXWoXMOl6ek8FpJ5U001x5e58AlUG07sAjqVGeM96FqJySZsUVha/4k/sNzkWGFiMm26v1geTHaNdp3HjvjkikfxHPPqVtZaVp4uGubJbxJJp/KVVJxhsKxHboDye3Wlf8Ar+vQTnFOzN6isK08TC5/sh3tGii1LzI95kB8qVc/IeOQdrYPt05p66+0lrqVylvEkFnOYElnuBGkhGAzMxHyqGJGeTweKLj54v8Ar5m1RXO2Pi2G6sNUuGjhlbTU3v8AYbgXCSKV3Da2BzwQQQMYq/ompXGq2YupY7IQuAY3tLw3AJ7gnYoBHtmmJTi7W6mnRQTgZPAFcdqWq3WrR6RdRWcSadJqkPkzNcEyOAxAbZswAe3zZxjjtR1SHKSimzsaK528dU8caZ9r02FpJEmS1u1umLoAmWzHtC89OpqG68Xzw6xLYwaV5uy7FmshuNoaRo968bTx1ye3BGegV0JzSvfvb8LnUUVyreOIDa2BVbO3uLu2FyyX16II41zjAfaSxznGB0BJxwDJF4wN5b6S2m6f58mpmVVUzhVjaP72WAOVyDyM8dAc4pi9pDudNRXPv4oMGgXl/c2Yjms7k20sQmzGH3AA+ZgYT5gSxHAzxWjZXd7daYbjybJpGG6AQXbSRSDHB3+WMZ9lNBSkm7F+iua8P3tlp+h6rO1kmnx2d3MblY52mDMoBZgzAHn0xVmHXrtLqxTVNOS1h1AlYHS48xlfbuCuu0bSQD0LDIx70v6+8XOram5RXM2Hiy5u7exvJdKEFleXH2YSG53OHJIB27cFcjGcg+1W11+a48Rz6VaQWpNsV837RdmOVgQCWSMIdygEckjnj3p7h7SJt0Vzmr2Npf8AjLSor+1huYxa3DBJow4BDR84PerN9rV3Dr6aRp+nLcytbfaPMkn8tEG7aQ3yk/TAPXt1pX2/r+tg5rN36f8AA/zNqiubvtT/ALZ8Fz3I06KeIpIt3az3LRbdmQ6hlUknK8dPwq02pvY+FbO/sdP8yBYIneBZTuii2jJXg7yo7cZxR3DnVzaornv+Eutzp9/qiw7tKtfljuhJj7Q+cEKCANuTjcTjOewzRo/imHVtVfTZPsLymDzlaxvRcxlc4KsdqlTyOMYIPWn5B7SHc6GiuZ8O2dtY+K/EMFjbxW0K/ZiI4UCKMoew4q3pevzatqdzBbwWqwW0zRS77s/aF2kjJiCcAkcZbkc+1AKel36G3RXMeI7G0TX9BvEtYVun1BUacRgOy+W/BbqRwK6ehar+vId/esFFFFBQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAyZ3SCR4ozK6qSqAgbjjgZPAqhoFhLp+jxJd4N3KTNckHOZXO5vyJx9BWlRQK2tzK0KzuIVu7vUI/Lu724aR03BtiD5UXI44UD8Sajj0W8stQupdL1COC3vJfOmhmtzIVcjDFG3DbkAcEMM8+1bNZWieIrTXp9Tis45kbTbxrOYyqAGdQCSuCcjnvj6UJdugezvG/Yq3nhy5m1LUbmz1JbePUokjnVrfzHUKCPkYsAMg9Cp71Pp+g/YdStrv7T5n2fT1sdnl43bSDuznjp0/WqGseOrPQ/FFjol5peqlr6WOGG9S3H2Yu/Rd5YcjuADWvrerf2Lp32v8As++1D51TybCHzZOTjO3I4Hc01FqzXX/hv1KdB3V1vqv6+RSHhsr4ai0tLvbNBL58Nz5f3HEhcHbnnrgjPIzRc+GRJoVjYW1z5ctlNHcJK8e9ZJFOSXXIzkknqOTW7RU2M+SL+63yMex0e9s7jULttQjmu71Y/ma2xHGVBAwobJHPQtn3pNK0FrHWLnU7iW3a4uIwji0tvIRuSdzAsxZuepPStmin1uHIgIBBB5BrmYvCdxHHYWv9qn7Dp1ys9vCtvhiA2QrtuO7AOBgL7g1o6D4isvEcN5Lpwl2Wd3JaSGRduXTG7HPTmtWi1ncudPVxkjC1HRtUvNbtdQh1KziFmX8mN7Jn4ddp3HzRn8AKjPhYtqhvWvBk6gt6VEXpF5e37345/D3q4niKyfxZJ4dUSm9jtBdsdvyBC20c5659ql1PV/7MuLGL+z767+2TiHfaQ+YsGf45Dn5V96OXb+uv+aB0buzXn+H+RmWnhe50xbF9M1JI7i2tvssjTWxeOZM7h8ocEEEnB3dzV99JnuNS0u+u7qNprHzdwihKLJvXHALErj6nNalFBHJEy7fS7qxhvvsN3Cs11dtcBprcuqBgAV2hxnp1yPpUOk6DJpEN89tPbJc3bh8RWpjgjIGMiIPnnqfm5rUu7uCwsp7u7kEUFvG0ssh6KqjJP5CsDwt42tvFs0gsdI1i2tlj8yK8vLTyoZ1zgFGyc56/ShRvt/X9WNFRbXPbRfr/AMOSWPhq6jtdStNSvre6tNReWSZIrVomDOADhjI3HHTH41NbaFdm4sn1XUI7uOwyYFS28sl9u0M53HcQCegUZOcdMW9G1f8Ati3nl/s++sPJnaHZfQ+Uz7f41GTlT2PetCi1iHTUXZmDb+GfI0TTtP8Ate77DdLceZ5eN+HLbcZ464zzS6x4fuNbmVbu5sxbRyK8ZWzP2iLBB+WUuQpOOoXpW7XML46s/wDhOE8LzaXqtvdS7/JuZrcLBMEXcSjbssO3A600m3p6lKjzp2WiX4FjVpTaeLNMu5ILl4Ftp42eC2km2sTHgHYpxnB/Kob201STxys+nPHbp/Zuxp57VpUJ8zO0YZcN36n6V0tZ+t6t/Yunfa/7PvtQ+dU8mwh82Tk4ztyOB3NJLZf1rf8AzJ9m5tpdbfhb/Ipt4fng8OtpWnXscfmiQTzXEBlaQvksQFZQDlie49qb/YWoSeH4tJuNUi8lQkUjwWpjZ4QACmTIcE45b0PA71vVT1fVLfRNHu9Tvtwt7SJpZNi5O0DJwKQRpqTSW+33mUvhKOOx1DTobpotOumEkECJg2j5ByhzjG4A7ccHNaVlBq0W4X99aXA2YUxWbRnd6nMjA/QAVNp19Fqel2t/bhliuoUmQOMMFYAjOO/NWabVtGCgk9DC03RtTs9butQn1K0mF5s86NLJk+4pA2kynHXnINE/h+4vtZtb7ULmzY2kvmRNb2ZjmwM4QyF2+XnkADPtXP8A/C39Bl1VrbTdP1rU7SOcW8uqWVgZLSN84wZM+pHIBHIxkVpav8RNG0bxtp/he4ju5b6+ZFEkMamKEvu2CRiwwTtYgAE4FdX1LEJpcjvv9xLUEmnt1LGvyG51zRbeC3upHt74SyuLaTy1Xy3GfM27epHeujrmLb4gaLdePNR8JIZ11DTrb7TNI6ARbcKSA2c5AcZ4HeoPCfxI0jxjqQstOtb6CU2QvlNzGihoi5QY2secj8iKn6rXjBycXbR/JrT8h3Sk235f19511Fce/wATdETw3qeuiC+exsLw2SMkSlryUMFxCN3zgscAnHQ+lPf4laBF4I0/xRMbpLXUiEtLYRb55pCSBGqKTljtPfHvT+qV/wCR72+e9iuZXt/Wm51tFc/4V8Xw+Klugmk6vpM1qVEkGq2Zgchs4IGSCOD3q94i1218M+Hb3WdQWV7ayiMsiwqC5HoASBn8RWcqNSNT2bXvdvUE09jSorI1nxJa6Hp1ld3cFw/225htYoY1Uv5kpAUHJA4789AetcrH8XrKXxU3h+Pwr4qa9Vwrf8S5QqoX2iU/PkR553EdK0p4WtVTcI3S/QTkkrs9BorzsfGnQF1OW3n0zW4LKG9axfVpLMfY1lDbceYGPf2qx4m+K9j4W14aXeeGvEty7yrDBPa2AaK5cqDtjYuN55xgDqDWiwGJclHkd3r/AF94c0dfI7yiuY0Px1Z65rkOkLpeqWF7JYfb2ivoFiaFPMMYVxuJDEjIGMY79qv+GvE1n4qsrq702K4SC3u5bTfMgXzWjOCy4JyuehODweKxnh6sL8y2DmT/AK+ZsUUUVgUFFVtQupbOxknt7G4v5ExttrZoxI/OODIyrx15YdKwLPxt5/iIaLfeHdY025No95mcW8o8tSAeIJZGyScAY5wcdKAOoorndO8YxXetW+mX+kanpE95E8tmb9IwLlVwWxsdirAEHa4VsHpwcVbb4h6bc3lsFsNQTTbu7Nla6s8afZp5skbVw/mAFlZQxQKSODyMn9foB1lFFFABRRRQBk+K/wDkTNa/68J//RbV4p4BbSrjxF4QPg+W/utVjgI12ZmlMaReXgRtu+XAPCgDHA5zivedQso9S0y6sZyyxXMLwuUOGAYEHGe/NRaNpcGh6JZ6XaNI8FnCsMbSkFiqjAyQAM/hVwkop36/8E66ddU6Lh1d/TVW+f8AmeBaLrdsPC/g/wAMGO5Gqaf4nikvI2gYLbjznwGYjGTu4A9DUWurorat4tgdtRk8VvrDto9tbGbKncv7xQvy5OCCSc4UYr6PorT22t7f1p/kdH19czko767+bfbbXbseQfEnxjpNnrHhSx1S+CahpmpW91qCCFz5S7MlshcHr0GTVX4z6v4P1Pw/pt8Z/N1aWOK4059kwzbtICxxjb0B4bmvaaKlVEmnbZ3MaeJhTcGov3Vbff8AA8m+IGv6f4i0Xw7qUdxeXHgya6kGqzWiSISANqhxgNs3bs8emOcV13w8Ph0+HZR4N+1f2SLhvK88Sbc7Vz5fmfNt+vfdXV0UuZcvKjKdZSpqmk1bz830tv0v+Bz/AI7a3XwLqv2zVZdIhaHa17EjM0OSADheSCTggdia8w+E9poOrT65oUOjWt1YT2oW41Oxku0inAbiNlmOVc5LfKcda9vopRlypruVDEOFF01fV339P8u54h8MNP8ABuj+NbywvLWS38U22pXSWET+fnyAh24/gPybuW5PX0rj9N1CCf4h6TqGk6baaRO+uRx3EML3jXUQeUqVlZ/3WG54Xntgc19P0VpGtaSk9dO/9bnR9e1nJpvmVt/Xy210XTueD+JvDfgLw58WJh4ssXttHvLDz4XLXDK9yZPmwUJbOO3Qe2RV/wCJ+qeENN+IugXrzeXrNlf273z7ZjstgNw4xtPUfd5r2mipVS3L5E/XLyUp3elt/l2+/u7M8g8f6lo+q+I9BvfFEl5J4GubAyxyQLKsT3DHK+YFw33cYGM5/GvQ/Bp00+E7P+wvtX9nYcW/2sMH2bzj73zbfTPOMVuUVLkuXlRz1K3PCMEtvPT7u/c5L4m6R/avgPU2/tC/svslrNcYs5/LE2I2+STg7kPcVznhTRdG0b4RDUPFGr6nd6Tf6bAbqC7uHkit1IHyxKg3KMsBxnoPSvUKKFJqLj3HHESVNU+id/6/zPD/AId6/oP/AAgPi3QNLuf33+n3NvB5cn/HvsAVtzDHpwTmmeGNGg8P+IPhvqGnyXTXesWU4vZJJ2cyoIVZUweAq5AAGOg9M17nRV+01uv60a/U2ljLuVlpK/Xurduj1PmDTdQgn+Iek6hpOm2mkTvrkcdxDC9411EHlKlZWf8AdYbnhee2BzXf+LPH3hq0+MehT3GpbI9IS7gvW8iQ+U7KABwvzcjqMivYKKftVpptf8VYqpjIVJ80ovZrfv52ERxIiuhyrDIPtXkHx4n8MJY2q6g2PEEflvZ8S8RGQbzx8nQHrz6V7BRWUZcslLscuHq+xqKb/O3+Z5R4suNI8fa54FawvJpdMvbi7RpYC8LOqx4ZeQGAOCp6ZBP1rCs/C1lqnw58aaX9klul0LVb0aTCJHJgKrwFAOW78HOSa90oque0eVf1rc3hjHCMYxWkdtfNv8U7Hm/wcPg06HIfCIK3/wBnt/7VB87iTa2Pv/L13/d4/Suv8YR38vgnWo9GVmv3sZlt1XqXKHAHvmtmim6l6nOc1Spz1HPX5u7+88o8AfEjwjpXgex0e2e5jutJ04vfwG0kT7O0aFpN7EBclgcYJyTXBTzeKY10jxB4g8MPYpqPia01OTVnvo2Pln5Y4fKA3IAjYyffI5r6Uor06eY06dSVSNO/M9bu/m7WS6977I5fZvk5L/1a3+Z80+JprjT9BuPiFZRs8+o6zqVmSmOYZYmgj98KYgfqa1/EcWo+DvGOh6RokROo6p4Ui0a2Kn/VzeYAZCR0CrubPtXv9Faf2tsnTuldb9Oi26a+vkU4u7af/D3vf8Ejw/UbbUrfxRpHhrwZ4abxBpXg2FTcRC9jtVe7kQ7WZnyGKglsD+J+ffF0TWPBz/CDRND8f3l9pM9ncTyWl7bRyFraZJnACuinDAHoRjGD1xj6KoqFmi5VGUNmndOzur3d2mtXJ9NtHcXs7bf0jhPhLqmv6p4ZupPEEs91BFdvHpt9c2/ky3dsANsjL7+p5PfPWo/jTqEdh8N5fPDNFcXltFIqDLOvmqzADuSFNafiTwH/AMJJqovv+Er8TaViMR/Z9L1HyIuM/Nt2nk56+wq74W8J/wDCLR3K/wBva5rP2gqd2r3v2gx4zwnAxnPP0FZOtQVZYpPVNPlStt57fh8gSaXL6/18jyLS5ZtI+JM1r4ruGSPT5n8Uak+C6RM1siBFwMkI7kAAHhB+Gl4K+Ifh/UviD441uDUPOlkt1ayiaB1zbW8RLPkrgAsehwa9qoq55hTqRanDVxUdHZbp7WfbvtoNR1Xr/X43Z856BqFv4z+FGmeAvD32i/1LULoT6vcrbusVkpmMrl3IAJ4AAB59c9fSfEX/ABM/jZ4R0qNlMel2lzqUy555AiQ/ma9DoqauYKdRyjCy95731mrN7LZWsrdBKDtZv+r3f39TxDUNGXxL4s+IHilvEGt6VDooFpE2lXnkb/Jh3SKx2kkBu3ua7z4Raa+l/CjQopiTLNb/AGlyTkkysZOc9/mrs6Kzr46Vaj7G1kuX/wAlVu3XcfL73N6/8D7loc74t/tXybb+x/7e3bm8z+xvsG7HGN/2vjHpt5657VJ4T/tP7DP/AGx/bfmeZ8n9sfYt+Mfw/ZPlx/vc59q3qK85aFvUZNNHbwSTTuscUal3djgKAMkmuK8DSpeWereO9TzbjWD5sJmOPJsYgRD9MjdIf+uldxRS11f9f1/we4/L+v6/4B5P4d8VaR8QfGQ1ltf0u3jgjns9C0z7XH9qlLgB7h03bgSFwqYBC5J61zGmWR1XwloHhy/vo5PEmmX1raw6LCxU6esEymW5kTqSyKSJCAoDqq8sS/v9FVH3WreX4O/6v9LCd2v66/0v1vc5nUpvC0XxF0VdSbZ4kltp007IlAaPrIAR8hOADg8+ldNWJJ4WtbjxZDr99c3V5cWistlBKUEVnuUK5QKoJLAclyxHOMA1t0lsv66h1CiiigCpq19/ZejXt/5fm/Zbd5vL3bd21ScZ5xnFcVoXxPuNT1DRo9S8M3Ol2WtIfsV3JcI4eQJuK7AMhfRj14OB263xNFJceE9XhgjaWWSymVERSWYlCAAB1NcJ4F8AambXw7qvinWrm5Gm2qtZaW9otuLRmTGHxy5A45AOR+FXBJp3/rc66caXsXKe+ve+2nlv36GjZfE37Z4T0DW/7J2f2xqqab5P2nPk7nZd+7Z833c4wOvWues/iDq/h6/8VzXGj6hrGm2OsSefdG6AW0i+UBEVuWwcnaMAZHrWjZfCC5s5dOhHiu5k0vS9RS+s7BrVQqEPuIZg2WJ6Bj0yeOamvvhXe319qsR8V3EGi6veNd3mnQ2aBnJI4EpJIHA7Y46Vr+7vp+vl/wAE6r4RNpPR+u13+NreVxvjgXFt4s8J6zpuuaokOo6lBbyWaXTLbPGQWz5Y7nvn8qt/FbXNR0fRoTBp981g0sZnv7DU1tZIW3gKuCrFgc84FL4p+H2teINUsprDxZ/Ztlp0kc1jaDTUl8iRFwG3lgW78HIp3izwHr/ivR7TTZvGHkwRxRi6H9mRt9pmRt3m/eBTkD5QccVMXG8eyf4GcJUr03OS0Wu/6I1/Fvi4eGY7CC106bVNT1KQxWdlC4QyEDLEsfuqOMnB61f8PanqOqac0us6NLo92khR7aSZZR0BDK68MOfzBrn9T8B6jrGkaWb7xNN/b+lSvLbavFaJHjceVMQO0jbgYzzj6it/w7peo6Vp7x6zrUus3ckhka4khWIDgAKqLwo4z9San3VHz/r+tTmmqSpJRav137v5WtbzH+I9bi8N+HL3V7iGWeOziMjRwjLN/nuewrm/DXjnW/EmjX99b+GLfMEQa2jg1qCcXDn+Aso/dnH96uq1i0vb7SLi20vUP7Ou5FAjujAs3l8jPyNweMjn1rlfBnw6fwv4gvdbvtXXUL27i8k+RYx2ce3cGJKJwzZH3vrSjy2dyoeyVFuVua/n5ei/X8zF+GHijxZq15fQ6poks1m2p3CzX8moo32MgcQiPGWAIAyOPmz61a/4WtcWvjC30TV9Ct7Zbi9FmssGswXEqsxwpaFfmUHjOema09B8Dan4d8R3dzYeJpP7Fu7uW7l0t7NCS8i84mzuGDg8AdMeprnNN+B407U7G4GvpLFYX6XkKnS4llYK+4q8wO989Mk4Hp0A1TpuS5trLudUnhZTnJ28rc3n+O1+nYjfxh43X4r3lrB4XluVjsPk0z+1okTZ5mBcbiMZOMbeorb8aa7qVl4y8OWcun30GnTX8SR31pqaxLLI3WOSLaSygDOMgH1q94g8D6nf+Ll8ReHPEr6JetafZJs2SXKyIG3DAYjBz9fw5zX8XeA9e8T61a3lv4u+wW9lMlxaW39mRy+TKoxu3FgWzycHI5qYuPu36b7k89CU09EuX+9va3n/AMNe+tjQ8UeM59F1m00TRNFm1zWLqIzi2jnWFY4gcb2duBzkDjt9K3dHvbnUdJhur6wl064cESWsrBmjYEjGRwRxkEdQRXL6x4D1HULrTNWsvE01h4hsrUWsuopaIyXKdTuhJ2j5skDOBn6Y6fRbG503SYbW/wBRl1K5XcZLqZQrSEknoOABnAA6ACofLy6b/wBf13OWp7Lkjyb9d7/5W7fiZHjzxNP4W8K3V7aWF9dzmKRYntLfzVgYISJJORhARya434aX+qT6FeaxHH4r1XU2s0cW+sTiKzuXY5/0djwBx19CPWvSdc03+2fD+oaZ5vk/bbaS383bu2b1K5xkZxnpms+28P32neBbbQtJ1f7JeWttHBFqH2ZXwVwN3lsccgHgnvRFpRfc0hUpqjyW1b132+X6HO+BfEczeBtd1W6hvjPY3d00lvfX4uWVkUExrIEAC54AwceppPDvxQuNZ1nRrW/8NXOl2utwu9ldS3Cv5jooZhsAyF9GOMjBxzweHfhzrOiWWr2N14t+3WeqRzmSH+zUjxNKMGXcGJ/4DwPpV+HwB5U3hBzqWf8AhGoJIsCDH2ndGEznd8mMZ71fuX18u/Z/rY0m8O3Pre9nr20/HT+rmV/wta4tfGFvomr6Fb2y3F6LNZYNZguJVZjhS0K/MoPGc9M0uoQXmlfG7QxDrWqy2uqxXMs1lNdFoEKR8BE4AHOec81nab8Dxp2p2NwNfSWKwv0vIVOlxLKwV9xV5gd756ZJwPToBra18PvEuqeLo9dt/G/2WS1aQWUf9kxv9nR+CuSw3ccZIzVLkTVn3v8Ad/maSeGUmqckk01136dGz0GuB+K2uajo+jQmDT75rBpYzPf2GprayQtvAVcFWLA55wK71AQih23MBy2MZPrXHePfBWq+NIUtLbxL/Zmn4Uy2v2BJvMdW3Bt5YEduBxxWMLKab2uceGcFUTnt8/0LHi/xnN4XvtHs7TRp9Wn1R5I4o4JQrBlUEdRjBJ5JI2jJ5xiuY1j4ia3qXw41i90jQZbXULGWezvwL5AbBkX/AFgbH7zGRwO/510ieDtRnvvDt9rOv/2heaLLPI832NYvtAkXaBhWwu0Y9c4pLLwDDb6P4n065vnmi8Q3c9w7JFsaASjG0cnOPXjPpVe4ovq/+D/kb05YeCjdXatffXV/pZ/00L8PdY17VvD1udf0VrBUtYDBdPfJcNeAry5A5U8A88/N7V0GtapDoeg32q3XMNlbvO4HcKpOP0rI8G+HdZ8N2JstX8RnWbeOOOK0Q2SQeQqAjGQSXyNvJ9PetnVtMtta0e80y/UtbXkLwShTg7WGDg+vNVJwdS728jlqcvtHa1vK9vx1POPC/hbxL4q0qx8Wa54z1myv73ZdxWNjII7SGIncsbRY+f5e5OeeckZONrnifV9R+IGl67YaneW/h+DxBBokVvDKyxXZIbzZGUHDDfhRnj5TXVaR8PvE+lWD2A8f3U1lDavbWEDafGv2fKFFZ2Vg0hUHIyRyAfasxvgD4XtrPTH0bdZatYzwTtqLmSUzmMgtmMuFG4jPHSvdhicKq0pVJpraNo6JP1S6WXXr6nG1Nwa6/wDA/wA/TbsYZ8c6vpfxa13VLu/nk8Pst5Y2tu0jGGOe1gSUkL0BJDjI5PNO8HeI9R8Ma0k3ijWL68tm8Hpq0iXNw7gSeZk4DEjdhgvvwK6DW/g1FrfgSLw/LrTR3K6nNqD362vLmRnLLs3+jgZz/D+FX/FHwps/E3ijRtSkvjb2enW6W01isO4XUSOHVGbdwuQOMGq+s4GUVTbsrWen8q0e27v+GpUk7t/P8Vp9y/E5pLrxNP4Z0zRpdTvovEfi65e/naOdt2l2Y+YrH/zzwu1RjHLHuKrxa74vv/gH4evtDm1K7nacx6tcWh829MCyOrmPfkl+Bz1/DOOw1f4SaF4o8VX+teLw2recscVnb75IFs40ByoKP8xJJJJ/AVQ0z4X+IfDui2uneFfHk2lxW7S/L/ZscyMruXA2ux+YZxuzyO1SsVhJQWqUuZS1i+XZ3V1d2Wi23V9bhyyTv/Wu7+/Y0vha+nXOi3N5ovirWNftJZFUprEvmT2kij5kJIBHUcdOOM5zWh8TNZk0D4aa5f28kkVwtq0cLxEh1kfCKQRyCCwPFc1ZXlv8LJrnTU0Dxb4lvdQkN/fapZaaJUmmfryGAXp90dM9TV66Y/FjQzYPpuueHLe1vreeddX04Rm7RWLGNBv9VGW5xxwc1y1KSeJWIl/DutdNtOi/y9RxfIrdf6scrZ+N9Q1fXPA/hs2vibRXtj9o1G41SJrc3iQwknLFizqWHzZ65GayPh9c6h4u1y3vNUvfiNG95fSzxTW0pTShEGLKpY/w4XaQOOwr1TXvA7634on1kan5Dto02mW8f2fd5DyEkzZ3DJxxt4+tUvBngjxP4Vjt7O58bf2jpdrbGCCy/siKEIcYVt4YscehPPc11fXMMqMnTtGTW2u95N2dn5b2Wm5Lg9I9P+B/wX9xzWv+HrzWPjcmjWvjHxPZ20+nvqN3Faak0aw/MERYwBhRnk5BrO1HxAuuLqOteJ/GmreGfC1jqB0vThpTus1zIgO6SR1VmOcHtjjt36rQfh14o0vxufEeo+PDqMkyJFdxf2RFF58S52oCGOwZOcqATVS++D+oPHqmm6R4zutO8ParO89zpf2KOUgucsElJyqnjgD65zThiMMnGEqi0SV7Pv71rx3tonZ6dh2bbduv6f56mFY+O7rQvH0gJ8U+K9LsNFhjMljaNIGeQ+cssqZVQ3llRuIzwfeqF5Jqeo/AufxrdeKfEVlePcXNxaw2uoNGreZMI442AySo2jCgjGTXpun+Am06z8VJFqebjxAzbJvs+PsqeV5ca43fPtHfIz6Cor34dR3XgXQfC6X6x2ulzW0k7G33faliOSuNw27jznnHoalY3CqcXHTWN3bdWfNpa27toJRkl9/4Ky+8v+CvCs/hjTW+2a9rOsXFykbStqd2ZxGwHIjBHygkn16DmtrVNUt9Is/tN3HdyR7guLSzluXyf9iJWbHvjFXKp6ppdvq9n9mu5LuOPcGzaXkts+R/txMrY9s4rwatSdWbnLdmsIqKsV9J8Q2etSSpZw6jGYgC32zTLm1Bz6GWNQ34ZrQuIEubaWCQyKkqFGMcjRsARjhlIKn3BBHas/SfD1noskr2c2oyGUAN9s1O5ugMeglkYL+GK1Kzdhq553Fo8afFSx07RL/Wlt9Ltze6k02tXdwkhfKQwlZJWXn53PGflX1pdbiOg+MvDlvpOtapdaxqN+TdW9xfPKklptYyMYc+XGq/KFZVXnA5yc9P4Z8OHQE1GW5vPt19qV693c3Jj2bicBEC5OFVFVRz2z3rB0TwV4k0fxFqGsP4i0u+utRmBnnuNHkMohB+WFGFyFRVGcYXqcnJoW8b+v8AwP09EEtnb0/4P6/M4rWPE99d6Lr2v6fqOpS69Y3VxLbWlteultY2ltKyZmiB8tt/lv8AeVmYthcBCV9Yn1XUiNHk0zSPtsF66/apftKx/Y4yud+Dy/OBgc81ztx8OXZ9XsbLVIrbQdbujdahZfYg0zu2PMVJt4Cq+0ZBRiMtgjIxZ8WXuvrr/h7TfCRuY2W8jk1EGyzbGz5DgzMu1WGBhUbdz0xzRHZL0/4Py79d2Et215/8D/gfJHYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAH//2Q==)

Fig. canvas dimensions

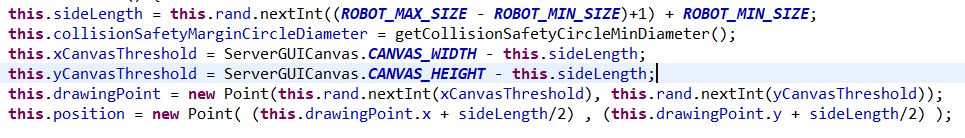


Fig. drawingPointConstraints

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAGAAAISodpAAQAAAABAAAIUJydAAEAAAAMAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERlbmlzAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMyMwAAkpIAAgAAAAMyMwAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDoxMjoxNyAxNToyMToxNgAyMDIwOjEyOjE3IDE1OjIxOjE2AAAARABlAG4AaQBzAAAA/+ELGGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjAtMTItMTdUMTU6MjE6MTYuMjMxPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRlbmlzPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAsgFFgMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APpGiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiio454ZZJEilR3jOHVWBKH0PpQBJRRRQAUUUUAFFFFABRRRQAUUUUAFFRzTw26qZ5UiDMFUuwGWPQDPepKACiiigAooooAKKZNNFbwtLcSJFGvLO7BQPqTTwQygqcg8gjvQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFACE4Un2rldM8U6hc6Lcazf2kEFjCZFCqSZHKsVBHbBNdWRlSKwrXwzFH4Uk0S7mMscm/dIg2kbmLcdema3pumovm7r7uouqKkviDWNOt7S/1WztRY3MiIyws3mQ7zhS2eDyQDj1qhaXWrQ634ibSLe3kCTK5NwxAb5T8ox39zWkPDmp3UdpaavqcM9jaOrqsMBSSUp9zexYggcE4AyQKSbw3qsV7qc+l6tHANRPzpLb7/L4xleR831yPaupSopNK13623Vv1I10v/W4kXiqbVk06PQ7eM3F7bC5JuCdkSehxyTnI/CqeqeINVbRNdtNkNrqenweYZEZtjIwbDIeoPynrV4eEjp7afNoF0ttPZW4th56GRJY/wDaAIOc85BHWpYvDLSWeq/2ldefeapH5c0sabURQCFCrkkAbieSetLmw6d47fjv+Vhx5tL+X/BLnh2TUJtEt5NUaF5GjUhot3Ix3z3rNs/Ed5feILuxjS0jS2mMRhkciYgdJMdNprX0a0vLDTY7a+nhnaIBUeGIp8o6ZBY81lXnhq81LVbae/vLaSG1n86FltttwBk4XzM4xz2UZrJOk6kua1ugkmoLuVPC97rk+q60L2W3mt7e7Khdzbl+RSAueAOe/vTIPGr/ANuWdnNNp0yXc3k7LaRmkiPbPY8+laMXhu4iu9WVbyP7Bqm5pIxGfNRigXKvuxjA9KpweEtTzpMd1qlubbS5Vkijhtdhkwf4iWPOPTFbc1CUm5W2X5encHzJO3n/AMAi0bUNdPiHXxdS20ttayj5Mv8AKPLBAX0Hr75q2fFU48K6Zqv2ePzLy5SFkycKGcrkflVuDQri217ULuG5iNpqGDNC8RLhgoX5W3YAwO4NZf8AwhuotZWtg+rxiys7pZ4US2wzAPu2sc89TjAH40uahNpysvh79tfxB8yvbz/4Bbg8R3dz4muNOjS0jS3kCGKVys0i93Xtir/iXWJND0druGJZG3qmXztTP8TY7CqOpeGrzVr+A3t5bPbW9ws8TfZsXCYOQokzgDj+7mtnUYLye2A0+4jglDZPmxeYjjuCMg4+hFYy9lzQa+e5SvdnK+Ir28uvDdhcMttPN/aMBjNtJmOQZ4IJ6fjWjF4lubO81C21yKBGs7b7VvtySCncc96gt/BhhsTGbmFJZNQS9kEEGyIFcfKqZ4zjrk1evPDMd/rF7dXUu6C8s/srxBcEDPXNbSlQty9Nf0/4Ikne78vzf6FGXxFrNlpsGrahY2y2ExUtHGzedErdCexxkZxU0nieeKPWEa2jNzZSRrbpk4mEmAh/PP5UweGdTnsrfTNS1WKfTrcrgJAVmlVfuh23EHtnCjNWdR8Mm98T2eqR3PlRRDE8GzPnbc7Oc8YJJpN4e9nbrtfyt9+q+YlzWuNtvEsl5NpMVtAha9iaWYEn90qj/His2Hxdqx0uHVriytUsWufIZQ5MhG4ruHbt0Nami+GP7J1S+u2uRMsxKwJsx5KE5K5zzz9Khbwk58KRaP8AbF3R3Hneb5fX5y2MZ98Uc2HUrdNO+2t/u0QWkWPGp/4ovUSBk+UMD1+YVWsdc1C21KxsdWt7eOO6ty8RhYlk2jOGzx09K19a006volxYLKIjMoXeVzjkHp+FVrnQftGs6betOAtlE8bR7Pv7lx1zxWVOdP2fLLz/AC0/EbT3OaX4jCSOO8gaxe2eUKLUO32jaTjOOnvitqDXNUvvEt5p9nbW62tmI2knlLZIYE4AHfil03QdV0mBNPsdUhTTY3PlhrfMyJnO0OW2+3K9PzrQsdJNnrGpXrShxe+X8m3G3aCOvfOa1qSoK/IvTfuvJdLh71zlJviMBHJeW7WLW8cm37Mzt9ocA4JA6Z9BXdxuJI1dejAEZrnrLQNU0tGs9N1OGLT2kLKHt900YJyQrbtv0ypro6yxDpO3s1/X3DV76hRRRXKUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXFXPxa8KWl3NbTXNwJIXaNwLdjgg4Na06NSrpTi36CbS3O1orhf+FxeEP+fq4/8AAZqfD8XfCc88cMd1cF5GCrm3bqTitvqWJ/59v7hc8e529FFFchQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeS/DDStP1LX/Fv9o2Ftd+XejZ58Kvty0ucZHHQV61XmHwj/AOQ94w/6/V/9Clr0cM2sNWa/u/mZy+JHdf8ACLeH/wDoBab/AOAcf+FedfFfSdO0258ONp1ha2he8IcwQqm7leuBzXrVeYfGT/X+Gf8Ar9P80qsvqTeJim31/JhUS5T0+iiivMNAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK8w+Ef/ACHvGH/X6v8A6FLXp9eYfCP/AJD3jD/r9X/0KWvQw/8Autb/ALd/Mzl8SPT68w+Mn+v8M/8AX6f5pXp9eYfGT/X+Gf8Ar9P80oy3/eo/P8mFT4Wen0UUV55oFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXmHwj/AOQ94w/6/V/9Clr0+vMPhH/yHvGH/X6v/oUtehh/91rf9u/mZy+JHp9eYfGT/X+Gf+v0/wA0r0+vMPjJ/r/DP/X6f5pRlv8AvUfn+TCp8LPT6KKK880CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqesT3ltot5PpkKz3kcLNBG3R3A4HUd6uUU4uzTA8T8L6t8TPF1jNd6VrduI4ZfKbzoo1OcA9oz612Pw28Jax4Yl1ibXZLeSW/kjkDQvnJG8sTwMctWHoUjeEvjTqOku7JY6sTLCDEQpdvmAXHGASVz/s9q9Xr2MfXcU4QilCaT0VvP8AMxhHq90FcN8S/CWreKYdL/sR4Els5WkJmfbjOMY4OeldzRXmUa0qNRVI7o1aTVmeMeIdV+Jng+yg1LV9XtJrczrH5aRodxwWwfkBxhT0Oa9Y0K6vL3QbO61OBbe7miDyxJ0Vj2HJ/nXnXi2ceLPizo3h6DeYNMYz3TKhZQ3DYZemPlUZ/wBuvVAAAABgDoBXdjZJ0qd4pSeuitp0/wAzOG71CiiivLNQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACkdwilm4Apax/E6+ZpcMRZ1WW8t438tyhKtKoIyCCMg1UI80lEmcuWLkaBvoB1b9Kb/aNt/fP5Vnf8IjpB6pd/+B8//wAXR/wh+j/887r/AMD5/wD4urtT7v7v+CRep2X3/wDANH+0rb++fyo/tK2/vn8qzv8AhD9H/wCed1/4HT//ABdH/CH6P/zzuv8AwOn/APi6LU+7+7/ghep2X3/8A0f7Stv75/Kj+0rb++fyrO/4Q/R/+ed1/wCB0/8A8XR/wh+j/wDPO6/8Dp//AIui1Pu/u/4IXqdl9/8AwDR/tK2/vn8qP7Stv75/Ks7/AIQ/R/8Anndf+B0//wAXR/wh+j/887r/AMDp/wD4ui1Pu/u/4IXqdl9//ANH+0rb++fyo/tK2/vn8qzv+EP0f/nndf8AgdP/APF0f8Ifo/8Azzuv/A6f/wCLotT7v7v+CF6nZff/AMA0f7Stv75/Kj+0rb++fyrO/wCEP0f/AJ53X/gdP/8AF0f8Ifo//PO6/wDA6f8A+LotT7v7v+CF6nZff/wDR/tK2/vn8qP7Stv75/Ks7/hD9H/553X/AIHT/wDxdH/CH6P/AM87r/wOn/8Ai6LU+7+7/ghep2X3/wDANH+0rb++fyo/tK2/vn8qzv8AhD9H/wCed1/4HT//ABdH/CH6P/zzuv8AwOn/APi6LU+7+7/ghep2X3/8A0f7Stv75/Kj+0rb++fyrO/4Q/R/+ed1/wCB0/8A8XR/wh+j/wDPO6/8Dp//AIui1Pu/u/4IXqdl9/8AwDR/tK2/vn8qP7Stv75/Ks7/AIQ/R/8Anndf+B0//wAXR/wh+j/887r/AMDp/wD4ui1Pu/u/4IXqdl9//ANH+0rb++fyo/tK2/vn8qzv+EP0f/nndf8AgdP/APF0f8Ifo/8Azzuv/A6f/wCLotT7v7v+CF6nZff/AMA0f7Stv75/Kj+0rb++fyrO/wCEP0f/AJ53X/gdP/8AF0f8Ifo//PO6/wDA6f8A+LotT7v7v+CF6nZff/wDR/tK2/vn8qP7Stv75/Ks7/hD9H/553X/AIHT/wDxdH/CH6P/AM87r/wOn/8Ai6LU+7+7/ghep2X3/wDANH+0rb++fyo/tK2/vn8qzv8AhD9H/wCed1/4HT//ABdH/CH6P/zzuv8AwOn/APi6LU+7+7/ghep2X3/8A0f7Stv75/Kj+0rb++fyrO/4Q/R/+ed1/wCB0/8A8XR/wh+j/wDPO6/8Dp//AIui1Pu/u/4IXqdl9/8AwDR/tK2/vn8qP7Stv75/Ks7/AIQ/R/8Anndf+B0//wAXR/wh+j/887r/AMDp/wD4ui1Pu/u/4IXqdl9//ANH+0rb++fyo/tK2/vn8qzv+EP0f/nndf8AgdP/APF0f8Ifo/8Azzuv/A6f/wCLotT7v7v+CF6nZff/AMA0f7Stv75/Kj+0rb++fyrO/wCEP0f/AJ53X/gdP/8AF0f8Ifo//PO6/wDA6f8A+LotT7v7v+CF6nZff/wDR/tK2/vn8qP7Stv75/Ks7/hD9H/553X/AIHT/wDxdH/CH6P/AM87r/wOn/8Ai6LU+7+7/ghep2X3/wDANH+0rb++fyo/tK2/vn8qzv8AhD9H/wCed1/4HT//ABdH/CH6P/zzuv8AwOn/APi6LU+7+7/ghep2X3/8A0f7Stv75/Kj+0rb++fyrO/4Q/R/+ed1/wCB0/8A8XR/wh+j/wDPO6/8Dp//AIui1Pu/u/4IXqdl9/8AwDR/tK2/vn8qP7Stv75/Ks7/AIQ/R/8Anndf+B0//wAXR/wh+j/887r/AMDp/wD4ui1Pu/u/4IXqdl9//ANH+0rb++fyo/tK2/vn8qzv+EP0f/nndf8AgdP/APF0f8Ifo/8Azzuv/A6f/wCLotT7v7v+CF6nZff/AMA0f7Stv75/Kj+0rb++fyrO/wCEP0f/AJ53X/gdP/8AF0f8Ifo//PO6/wDA6f8A+LotT7v7v+CF6nZff/wDivi0RHb6Z4h01wl3p84BcAh2U8gZHYc/nXdaT4gtNT0e1vUkU+fErnZyAccj8DkVRv8AwPo93p1xB5E7mSMqokvZipOOMgv61xXwr0/TtQ02/wBJ1Rp31DTrlkKpdyIuzp8oVhkBg2eO4rvtTrYTd3g+3R/PuReopbLXz/4B6f8A2lbf3z+VV77XrHT7Ca7uJdscKF2J46VW/wCEP0f/AJ53X/gdP/8AF1wfxUsNM0rRLaw09riO+v51RA13I6lM87gzHgkjt2rnw9GFarGmm9fL/glOVRK7S+//AIA74WLFealrHiy+lka4vJmhiDkllTIY57H+AD/dNel/2lbf3z+Vc/ongHS9N0O0tJxcySxRgSMLyVQW6nAVgMZPpV//AIQ/R/8Anndf+B0//wAXVYqpTrVnJN26adFt1CPtErWX3/8AANH+0rb++fyo/tK2/vn8qzv+EP0f/nndf+B0/wD8XR/wh+j/APPO6/8AA6f/AOLrmtT7v7v+CO9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lR/aVt/fP5Vnf8Ifo/8Azzuv/A6f/wCLo/4Q/R/+ed1/4HT/APxdFqfd/d/wQvU7L7/+AaP9pW398/lR/aVt/fP5Vnf8Ifo//PO6/wDA6f8A+Lo/4Q/R/wDnndf+B0//AMXRan3f3f8ABC9Tsvv/AOAaP9pW398/lSi/t26N+lZv/CH6P/zzuv8AwOn/APi6paz4Y0y00HULi3F2ksNtJIjfbpzhgpIP3/WnGNOTSTf3f8EUpVIptpff/wAA6WOVJPuHNPrJ0KUy26ljk+WOTWtWJstUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUV1MbezmmUAmNCwB74FJtJXY0m3ZEtFYng7XZfEvg3TdZuYkgkvLdZWjQkqpIzgZpYfGHh641j+yoNYtXv8AcUFuJPmJHUVTTUuV7kppq5tUVlSeJ9Ei1tdHk1O3XUWwFti/znPTisjRfiNoOueKNQ0O2uYxc2kojTLg+edoJKj2zj8KS12G9NzrKK5jxZ4+0fwffaZa6rMqPqE3lglwPKXBO8+2Rj8alg1pX8RzS/25ZPpgsBcLagfvEGeZS393FF+oeR0VFYUHjfwzc3P2eDXLJ5fL8zaJR93Gc/lVzTPEGk61YyXmlahb3VtExWSWN8hCBkg+nBFAGjRWRpXizQdbvHtdJ1W2u7iMEtHE+SADjNXpdRs4NQgsZrmNLq4BaKJmwzgdcD2oAs0VQXXNMeO9kW+gKaexW6YOMQkDcQ3pwQa5mbx1Z2PjSaDUdUtoNH/s9LiGR8AMzMBkHqeDSvql/W1w6X/rsdrRWfLr+kw6MurS6hbrp7oHW5LjYynoQahtPFOhX2lT6laarbS2VucSzrJ8sZ46+nUUwNaisrTfFGh6xfSWel6pbXVzGu54onywHr+tZ/i/x3pPgxrBdVkUG9nWJRuA2A9XPsKO3mB0tFcTdeO7Sz8aW8dxqdtFoc2lm5WVsAM/mBQQ3Xp2rpv7f0n+xf7X/tC3/s7ZvFzvGzHrmjpf+t2v0Drb+tr/AKmhRWdo/iDSdfhkl0XUIL1I22uYmztPvWjQAUUUUAFZPiP/AI8bT/sIWv8A6OStasnxH/x42n/YQtf/AEcla0f4iMq38NmtWZDPd3qtLBPHDGHZApj3Hg465HpWnXLWOpi00OedlZxHNMSqDJOJGrNGj3NYSXZnMI1CHzAN23yO3/fVK1xdWk8AuJo5klkEfyx7SCfxNcTY+IEivZ7yVZ3GC6fKR+BrpLq+W5OlSLkCS6jIBGDzmppucleasVUUIv3Xc6SiuT8d3lwI9H0e1mktv7YvhayzxNtZIwjuwBHQnZjPuai1LwdoPh/w3q13o2nRWdx9glRpIhhpBtP3j355pSlyxcuw1G8lHv8A52OxorhNO1S1s59DN5aQs0OifaPtbD94gC8qD6HFZ+i/FYapq+nKs2mTWmpSmOO3t3c3MIIJVn/hxxzjpkVbVpcv9b2/QzTvHm/ra56XRXntr47117ey1S806yi0qfUFsXw7GUFnCK47YyRx1qfw5rOtQeIPE83iO+sV0uxuQMgvmEeWpGM8BeeffNJa/wBen+aKen5fn/kd3RXC+JPFFtrdlpFl4c1MNDq2oizmu7VyGjVY2kYA9iQoGfekttO8IeH/ABjZ2Vloc9jqUgdYbtLZljmPlsWBk6McAnnvRr1/rS4M7uiuD8OOx+CqMWJb7C/Oeehqp4Xdj460MFiQfC0ZIz33JzQtXb+tm/0FJ2V/63S/U9HooooGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXlN9E3g343Wt+zIlhrqGIts6NwNoA5+8I+SP4jXq1cH8XPD76z4PN1axK11p8nnAhcv5eMMAe3Zj/u134GaVX2ctpKz+f/AASJrS/Y7yvKvKbxj8b5JEZHsdBUIx2fxDOVIPX59/IHaultvGUS/CweId8Hmx2v3N/y+aBgJn1zgVQ+EejXFp4bm1fUhuvdWlM5kcfvGQ9Mnvnlv+BVpRhLDU6tSW/wr1e/4CfvNI7+iiivMNAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiuZfXvE4dgvg52UHhv7ShGfegDpqKxdK1TW7y98rU/DradBtJ843scvPYbV5raoAKKKKACiiigBskiRRtJK6oiAszMcBQOpJrA/4WB4N/6G3Qv/BlD/8AFVf8R/8AIrar/wBeU3/oBqr4Ws7Y+D9GJt4iTYQZJQf881oAs6X4l0LXJni0XWtO1GSNdzpaXaSlR0yQpOBWnXKrFHF8WVEUaoDojZ2qBn9+K6qgAooooAKKKKAEJCqSxAAGST2qO2uYLy1jubOaO4glUPHLE4ZXU9CCOCKlIyMGvN/Emoy/Dm/L+HoftkGoFpH0pOfs7Zy06jsmTlh68jkmgD0M3duLxbQzxC5aMyCHeN5QEAtt64BYDPuPWpa57wlpUEFmdXe7XUb/AFFQ816DkMOoRfRBngV0NABWd4i/5FfVf+vOb/0A1o1neIv+RX1X/rzm/wDQDWlP416mdT4H6FHww263H/XMVv1z3hb/AFP/AGzFdDUPctbBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFV9RBbTLkKCSYmAA78VYoqZR5otdyovlaZ5t8NfEllD8PNJ0ZRMdVhsQhtZrSVRvC/dLFcfrXHz3OoapbeHt9/q0l/FqqSXOkxabHFbWADMCAwiDY5xkO2ckmveaK0crz533T+53M+X3OU8p1Gd9H8byHw009zPqGoxfbtGvrAvG3zrmeOUAbCoyRliOPu5ra8OTDTfif4mtb1JYpNQmimtj5TFZFESg/MBgcjua7yipjp/Xp/kU9Th/iSGgm8M6i0cjW1jqokuGjjZyimJ1zhQTjJFZmsRy3vjTXLu2hmkgn8NOsb+UwDEkYHI6+3WvS6KmUeaLXr+KsUnZp+n4O55GNCRvC3w2gbS1KwTRNLGbfiMlBksMcc9c0niLRdU1DU/iFb6ZFOhuIbF02JjzdpJfbkYJ2jHfsDXrtFXP3m33d/y/wAiILlt5W/A8v8ADOn6fqviTRrz/hIPEGp3WmoxSG4soYI7fKFSrFYUJHOMAnnFb3xGgmttPsfEFlBJPc6PcCYRxKWZ0PDKAOvauyook7glY8WutM1K2NtY29tOP+EvgjNywjOIWWZpH3ehMcm3n+6BXZ2Okxw/FmWX7GDHb6QkUMzRfd+YDAbHBx6V21FLt8/yat8rg9fw/T87HhcGkalH4R8N3Ty6hp9np+pXJne2t1eSBS5COI3RgQP9047VrXOi2lx4Z8Wapp2o6zrc99bQwyzXtrHEsuxjgKiRoSQG5JXoRzXr1FK3uuI3q7/1vc8/n09rbx14JNpaGKCG0mjfyotqoPKPynAwOe3rVr4mxyLp+j3gikkhstUhmnMaFyqA8nA5NdtRVXd7+d/xuJKyt5W/Cxw6Qw6n8XrHVEtvOtxorGG4eEjYxkHQkZU4+hrh5NH1P/hFrKcNfWVpYeIpZ7g20CtJFF2kVHVgQpIP3T0yOa9woqUrWt0/+S5h73v1/wDkbHB+CtOsZvEt9rdrrWs6xPLAkElxfW0UEZAJwAFijJYepB4713lFFUIKKKKQwrJ8R/8AHjaf9hC1/wDRyVrVk+I/+PG0/wCwha/+jkrWj/ERlW/hs1q8+y1vZTWU1xNZ3C3MrH/RmkV1Z2I6DpgjvXoNFZp2NGrnl0dhaxE+XdpGT1ZbGYkfTcSB+VbnnJf3+lw2RmmaG6SSRmhZQFGck5ArtaKpyuSo2MjxL4fi8RaYsBnktbmCQT2t1FjdBKM4YA8HgkEHqCaz10bxLfafd2Wu6zp80U1s8KfZLFojuYY3PukbPrgba6eis2k00+ppdpp9jmY/ByG4smuLkSxW+mmwdAmPMBGN2c8fSmeH9A8Q6ILWwfW7S40i0ysSfYitwyYIVGk37SBkchAeBz1z1NFVe7v/AF/WpNklb+uxyD+Bnfwra6P9vUG3v47zzfK+9slEm3Ge+MZrR0zQb3TPFGqX8d7DJYai6zNbtAfMSQIF4fdjb8ucFc+9b1FJabf1t/khvXf+v6uZPiPQIvEOmrbtPJa3EMgmtrqLG+CQdGGQQeCQQeoJrKtvDmvXWu6df+I9V0+5j00u8KWdk8LOzIUy5aRgeGPQDmurooWgbnEHwVrUNjcaLp2uW9voM8rN5RsybmJGbcyJIHCgZJAyhIHr1rXtfCyWfiy31a3nCwW+miwS32cgBgQd2fQYxiugooWlv66W/Jg9d/61v+gUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFeL6RN468Wa7rcOkeIxaxWF0U2zHHBZwAMKem2tn/hEvib/ANDdbf8AfTf/ABuvSngYwfLOrFP5/wCRmp32R6fRXmH/AAiXxN/6G62/76b/AON0f8Il8Tf+hutv++m/+N1P1Sn/AM/o/j/kPmfY9PorzD/hEvib/wBDdbf99N/8bo/4RL4m/wDQ3W3/AH03/wAbo+qU/wDn9H8f8g5n2PT6K8w/4RL4m/8AQ3W3/fTf/G6P+ES+Jv8A0N1t/wB9N/8AG6PqlP8A5/R/H/IOZ9j0+ivMP+ES+Jv/AEN1t/303/xuj/hEvib/ANDdbf8AfTf/ABuj6pT/AOf0fx/yDmfY9PorzD/hEvib/wBDdbf99N/8bo/4RL4m/wDQ3W3/AH03/wAbo+qU/wDn9H8f8g5n2PT6K8w/4RL4m/8AQ3W3/fTf/G6P+ES+Jv8A0N1t/wB9N/8AG6PqlP8A5/R/H/IOZ9j0+ivMP+ES+Jv/AEN1t/303/xuj/hEvib/ANDdbf8AfTf/ABuj6pT/AOf0fx/yDmfY9PorzD/hEvib/wBDdbf99N/8bo/4RL4m/wDQ3W3/AH03/wAbo+qU/wDn9H8f8g5n2PT6K8w/4RL4m/8AQ3W3/fTf/G6P+ES+Jv8A0N1t/wB9N/8AG6PqlP8A5/R/H/IOZ9j0+o7m3iu7WW2uF3wzIY5FyRlSMEce1eaf8Il8Tf8Aobrb/vpv/jdH/CJfE3/obrb/AL6b/wCN0fVKa1VaP4/5C5n2PPpY9WtLifwEPk+06kgAdz5eM8AZGQM4OR6V9FWdpBYWMFpaJ5cFvGscaZJ2qBgDJ56CvJJPhl44l1tdYk8QWL6ggCrcMWLAAYH8GK0v+ES+Jv8A0N1t/wB9N/8AG69DGOliVFKrFW331ffYiF49D0+ivMP+ES+Jv/Q3W3/fTf8Axuj/AIRL4m/9Ddbf99N/8brz/qlP/n9H8f8AI05n2PT6K8w/4RL4m/8AQ3W3/fTf/G6P+ES+Jv8A0N1t/wB9N/8AG6PqlP8A5/R/H/IOZ9j0+ivMP+ES+Jv/AEN1t/303/xuj/hEvib/ANDdbf8AfTf/ABuj6pT/AOf0fx/yDmfY9PorzD/hEvib/wBDdbf99N/8bo/4RL4m/wDQ3W3/AH03/wAbo+qU/wDn9H8f8g5n2PT6K8w/4RL4m/8AQ3W3/fTf/G6P+ES+Jv8A0N1t/wB9N/8AG6PqlP8A5/R/H/IOZ9j0+ivMP+ES+Jv/AEN1t/303/xuj/hEvib/ANDdbf8AfTf/ABuj6pT/AOf0fx/yDmfY9PorzD/hEvib/wBDdbf99N/8bo/4RL4m/wDQ3W3/AH03/wAbo+qU/wDn9H8f8g5n2PT6K8w/4RL4m/8AQ3W3/fTf/G6P+ES+Jv8A0N1t/wB9N/8AG6PqlP8A5/R/H/IOZ9j0+ivMP+ES+Jv/AEN1t/303/xuj/hEvib/ANDdbf8AfTf/ABuj6pT/AOf0fx/yDmfY9Porzn4UazrOp3GvW+u373sllNHErNjAOXBxwOu0V6NXNiKLoVHTbvb/AIccXzK4UUUVgUFFFFABRRRQAUUUUAFFFFABRRRQBW1K0OoaVd2YfyzcQPFvxnbuUjOPxrmNP0jxxpumWtjDrXh9o7aFIUZ9JnyQqgAn/SOvFdhRQBzOkaFrkfip9a1/UdPuX+xfZI47KzeEAbw+TukfPT2rpqKKACiiigAooooARslTtIBxwSKxPD/hwaSZ7y/uP7Q1a8Obq8dcbh2RF/gjXoF/EkkkncooAxNJ8OnRNYuZdOufL0y5Uu1gVysU2R88Zz8oIzlemcEY5zt0UUAFZ3iL/kV9V/685v8A0A1o1neIv+RX1X/rzm/9ANaU/jXqZ1PgfoZ/hb/U/wDbMV0Nc94W/wBT/wBsxXQ1D3LWwUUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABTXdYo2eRgqKMsxOABTqzfEcNrc+GdRg1CGae1ltpEmjgGXZCpBC++KUm0m0NWb1G6T4m0XXY5X0jU7e7WH/WGJ87frUWneLvD+rai9hpurWtzdICTDG+W4ODXmcKa1qmg654f0S6fVbKLTtlnqU1kbe5Q54gLEKHwO4Ue+aueHNOsNW1Lw/5viDxFe3Wl4dLKaxghjtSE2kMywJ8vbCsc8VSSb/rz/r9SXov68v8AP/gHcz+O/C1s0iz67ZIYgxkzKPkC9c+mK1bjVLG1e2W4uoo2u22QBmx5p9B61xfgnw1a3Xg3XLC+svLXUry5WcPHgyK3GTnrweKyPDdnqviC6ig1GKSKbw5YyWSvJGVWS5IKl1J6jABBFSnp8k/wu/0XzH/m1+On6neL4w8PPrH9lJrFqb/ds8jzPm3Yzj61JL4p0OHVRpkmqWy3rSCIW+/59x6DFeTaBokF1oOmeH9b1/xILy1uFaTSorGAIsqvu3CTyB8p+9nfkgnvXd+ENMW38ceLL17UpLLPEizuhBdAp4B7jPpVW/r7hN6/15nTatrem6FaC51i9hs4S20PK2AT6Ukeu6XL9i8u/gb+0ATa4f8A12Bk7fXFcz8RILNk066uL6+0y8tJGks762tvPWN8cq6bWyD9PxFc29/qBh8G+JNe0/7NHa3l0twbO1cLtcEJL5fLKG25I5OTUrXcb02PTBrGnM94ovYd1j/x8jeP3PGfm9OBVbSvFOh64szaRqltdrCMyGN87R6mvLL211DXrHxrcWGm3ZhnvLWYQTRbWuoFbLqoPXKgjHvXWa3qVr4u8J6pa+FbeZr0WW1ZXtGiwM/6vLAH14HHNF3y3/rYas5W8zptL8V6Frd1LbaTqttdzRAl0ifJUA4zTbfxf4fu9X/su21e1kvtxXyFk+bI6iuctdV0/X/Cx0fQrSeHUotLkhj32jR/ZG2Bdm4gYycfdz936Vyfh3R7XULPQ9K1LXvEj3dhcxSf2YLGCNIZEbOfMEA+UYySHyRnrV29639evy/pk393mPUx4n0Q64dHGp251EHBtt/zg9cYpIvFOhzaxJpMWqWz38Wd9uHyy4GT+hrz7z30jxuYvDTXF2t9qRkvtIvrEkQsWO6eKUAAevLN14ApdMnfSfGsFj4aknvbK81CSW80zULAg2DENumjmAAGTjgl/vcY5qY628/z0/Dz/IcrK/l/wfx8vz66Phzx7DrnjDW/M8Q28Wn6W7Klmsa4kRVJaUuRkY/pXbnWtNWKykN7CEvyBatu4mJGRt9eK4XS9Ku7yz+IVokEiSXtzKkG9SA+6MgEZ6jNYttqg1W18A2NnY35l0+eJbwvasiwMEAIYn3HUZHvRHVJf4fx3+4JaXf+L8NvvNWbxtraaLe3Kzx+ZD4lXTkPlLxCdvH15PNd9BrmmXNjcXcF9A9vallnlD/LGV+8D6YrymewvD4d1FRaT7m8YpKB5ZyU+T5unT3pfGFld23jK58JWaOLLxi0btIv/LLaR5/5pn8aULuKXV2+/lj/AMEHZSb6K/3c0v8AgHr9rdQ3trFc2kqywTKHjkU5DKeQRUtMiiSGFIolCoihVAHAAp9U7X0Er21CiiikMKyfEf8Ax42n/YQtf/RyVrVk+I/+PG0/7CFr/wCjkrWj/ERlW/hs1qKKKyNQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8v+En/IxeMf+v1f/Q5a9Qry/wCEn/IxeMf+v1f/AEOWvUK9DMv96l8vyRFP4QooorzywooooAKKKKACiiigAooooAKKKKACiiigAooooAaZY1OGdQfQmk86L/non/fQryXxZe6Zp/jW4n1wL9jkvYLeWRpJV8pWgnfICEclo0HIPer1m/w/vryG1t3m82dtsYla6jDn0BbAz+NAeZ6Z50X/AD0T/voUedF/z0T/AL6FcHd6N4OsdVtdNu8xXl3nyImupsv/AOPYqPV9N8F6E0SamJInlyUjWa4kYgdTtUk496APQPOi/wCeif8AfQo86L/non/fQrgbfSvBd1pD6pCwNlGCXla7mXZjrkFsg+xqvplv4F1e6NtYNI023cEkluYiw9t5GfwoA9G86L/non/fQo86L/non/fQrz6w0/wTql6LSwczXBRpBGLmcEqrbGPLdm4o1PT/AATo/n/2kWh+zoryj7RO20McDox6k0B5HoPnRf8APRP++hR50X/PRP8AvoV5pZjwHqF5Ha2q3TzSnaisLtQT9TgCt/8A4QnQf+fOT/wKl/8AiqAOs86L/non/fQo86L/AJ6J/wB9CuT/AOEJ0H/nzk/8Cpf/AIqj/hCdB/585P8AwKl/+KoA6zzov+eif99Cjzov+eif99CuT/4QnQf+fOT/AMCpf/iqP+EJ0H/nzk/8Cpf/AIqgDrPOi/56J/30KPOi/wCeif8AfQrk/wDhCdB/585P/AqX/wCKo/4QnQf+fOT/AMCpf/iqAOs86L/non/fQo86L/non/fQrk/+EJ0H/nzk/wDAqX/4qj/hCdB/585P/AqX/wCKoA6zzov+eif99Cjzov8Anon/AH0K5P8A4QnQf+fOT/wKl/8AiqP+EJ0H/nzk/wDAqX/4qgDrVdH+4yt9DmnVj6Fo9jpDTJp8JjV8Ft0jOT+LEmtigAooooA8w+EX/Ib8Xf8AX6v/AKFLXp9eYfCL/kN+Lv8Ar9X/ANClr0+vQzL/AHqXy/JGdP4QooorzzQKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArO8Rf8ivqv/XnN/wCgGtGs7xF/yK+q/wDXnN/6Aa0p/GvUzqfA/Qz/AAt/qf8AtmK6Gue8Lf6n/tmK6Goe5a2CiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKZPPFbW8k9w6xxRqXd2OAoHJJo2AfRWRZ+LNB1COd7LVrWdLdA8rJJkIp7k07R/FGh6+0q6NqdveNCAZBE+SoPQn8qANWisiy8WaDqOqNptjqttPeISDCj5YY601/F/h6PWBpUmr2q3xYIIDJ8249vrQBs0VzSa9Hp3iHVhrGv2P2RGgSG2wFe2Z8gBz33EcfStubU7K3voLOa6iS5uAzQxM2GcKMkj6CgC1RWNZeL/D+o6o2nWOr2s94pIMKSZbI61jeNvHenaJoupw6fq1qms28W6OAkMwOR26dKTdlca1djsqKq6dcNPpFrcTsN0kKu7dBkqCaoaf4v8P6rqRsNO1a1uLtckwo+W461TVnYlO6ubNFYc3jXw3b3YtZ9as0nMphCGQZ3jA2/XkfnWxNPFbW0lxPIscMal3djwqgZJpX0v0H1sSUVkWXirQtRSd7HVbWdLdA8rJJkIp7k0mkeLdA164eDR9WtryVF3MkT5IHrijyDpc2KK4jwz4+sJrYxeIdWtYb6S+kggjYhCwDAKMfjXR6x4m0XQPL/tnUrez837glfBajon3DrY1Ky38P2cvieLXpTK93DA0EQZvkRSQSQMdTjrWV4l+IOieG/DdvrUtzHc21zKkcJikHz7mAJB9s5Nb2mapZ6xp8d7ptwlxbyD5ZEOQaPPt/X6h+pborEufGfhy01X+zbnWbSK83BTC0nIJ6CsvVPF6aN4+Wy1O+gtdK/sw3LNIAPn8wKDnr0PSlfVef+Vweif8AXWx19Fc5qGuJeWuj3uh67YwWlzeRoZHAcXKE4MaHsx7Va1Lxd4f0e+Wy1PVrW2uWxiKR8HnpTA2ayfEf/Hjaf9hC1/8ARyU/VvEmjaDDFLrGpW9okxxGZHxv+lcj42+Img6ZcaDZSXcTrqN7BIJlcbY41cPvPt8uPxrSk0qi9TOqm6bt2PQaKZDLHPCksLB43UMrDoQe9PrM0CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDy/wCEn/IxeMf+v1f/AEOWvUK8v+En/IxeMf8Ar9X/ANDlr1CvQzL/AHqXy/JEU/hCvOPiTNYJ4u8MRazFez2Di58yCzimlZyFTB2QgscfSvR6w9U0CW/8WaNq6TIkenLMHjIOX3hQMfTbXnNao0RxXhW90mXxo9z4Miv4dHs7eRNU+0xzRqJOqqFmw24ew6Vr2XjvUZ49Lv7/AEmK20bWnCWcyzlpl3DMZkTaAu4c8Mcd60bvwlP/AMJn/bOmXMcFvdwGDUrZlP78fwsMdGHrWZYeBdWji0nS9Q1K3m0fRpA9rtRvPk2jEYkJ44Hp1prVa/1q7/pYT0bt/Wit/wAExvCnirW9H8NLe6hp0cuijVJbeS6e5YzrunZVcIRgoGKr97PXjArbv/H1/BBqOrWekxTaDpkpjuZ2nKzsF++0ce3BA92Ge1V7TwHrw0tdC1DVLOXRjem7k8uJhMR5pkEYPTbuxk9etS33gPVJbbU9GstRt49D1WUyTrIrGeMN99UPTBHr0p/1+W/4g7Xfr/nt+BN4S1XW7/x34nhv2tnsLeeNbfZMzMimNWAAKgYIOTz1J69am1/xndWPildC01dJjuTEkinVr42wuCxICwgKxcjac8cZX1q9pPh270nxdqt/DNbnT9R8tzEVbzEdUVOD0xhai8T6HrGrvLDbf2PeWE8YV7XU7dmCEHOVK8nPHX0GKT2VgXW/9bGNDrfiib4nWFrd2UNpaNpryzWjXO5gQwBYbVIJ9Oeh7VFdfEfUbDXLXTtQttEhmu5/JWyTVQ95bkglTJEFwOMZ2k496tab8P73RbvSX07UIilrZPZ3Hmq2djHOY8dCO2azLH4aa1b2Oi6e97pcNppNyk2be3YSXRGctIT/ABHOeO5NPTb+t3+gPq/62/zH+EfGGtwaJpR1yG3uJNT1iazWWOdiUUea2TlR08sAD059q19b+IDaReaxbtZR409oESaWbZHmXjdI2PkRe554qongLV4NKht7e+sxLp2qNqGnsyNgh9+5JfwkOCPSrVn4V8SW99q+qSanYfb9Q8ohBATCNnVDnnaemetG/wDXkv8Agjdrv+ur/SxoaFreu6rbSStZ6TPE8e+1vdP1Dz7aU5wVLbQwPHZSPeulTd5a+YAHwNwU5APtXGaB4Pv9J1vUdbZdKtr67iCeTYxukLncWLvnksSx/SuyTd5a+Zt34G7b0z7UEjqKKKQzwX4v7xfXflhS/wDa9ntDHAJ8i4xmuxudG8T+I7bTrbWI9JsrCCaK4eS1uJJZW2EMAA0agZIGTmq2veGh4n8b3NtNH5lrb6hbXFyN+07BBcKMf8CZa77yl8jyhkLt28HnFO4HiPiXV7fVNV8Qa1HHqUtzY3UcenPb6bcSxbYDhz5qoU5Yyd67mWK71nVbPxJ4R1PTzfvYxiaxvOQ0THcDuXLRnIIztOce1dPpehWGj6GmkWMRWzRCgVmLEg5zknqTk81k/wDCv9ESG1S1+2WklorJFcW108coRjuKbwclc9ulJaWXb/Kz+8Hrf+vT7jCEVnrVlrmi6pDa+HtU+0xNPLHKJIZpGOY2G7buyeNpAJqa6utW03UtI/4TTTdNvAZ2httRsZGDRyEfKWjYDAIHYt0roo/B+jLpFzp01sbmG7O64e4cySSnsWc8kj1qOx8GabZXcVzJPf3zwf6kX1484iPTKhicH3oA4jQo10zRdF8RqAv2XU7m1uX/AOmM0zL/AOjBHSa75t/4H1fX4lR5dQ1CH7PvYhTGkgCcgHANegDwtpQ8OT6H5LGxuC5dC5zlm3Eg9Ryc+1JeeFdLvfDKaDJHIljGqhFilKMu05GGHOc0P/L9L/l+I3q/v/W35/gM0+bxU16g1Wx0eK2/ia2vJXcfQNEo/WtysC08IwWd3HcLq2tymNshJtTldG+qk4Nb9MQUUUUgCiiigAooooAKKKKACiiigCa0/wBc/wDuj+tW6qWn+uf/AHR/WrdABRRRQB5h8Iv+Q34u/wCv1f8A0KWvT68w+EX/ACG/F3/X6v8A6FLXp9ehmX+9S+X5Izp/CFFFFeeaBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUMl7axXcVrLcwpcTAtHC0gDuB1IHU4yKmrzXxdokd98YvDTPe6hD5trcEi3u3jC7dnTB4z39aFrJLv/AJA/hbO307XbfUtY1PToY5Fl01kWVmA2tvBIxz7d6068qfR5rvxH44ni1fULP7HDG8QtZzGTIInIZmHLdOh4NVpfE/iDXj4Z0+GK6lF9ppu7j7HeC0klccYEnUDvgdaSd/w/J/5MP+D+H/Dnr1Z3iL/kV9V/685v/QDWL4Dh8Q21pf2/iPeI0uT9jE10LiZYiAdruOpBJxnnGK4/xvdalpGpavea9c6oulzr5VjcWNwTbxFht8uaIcfMWxuPqK1p/wASK72/Qid3Tl8zuvC3+p/7ZiuhrwrRrnxL4iutZ/s+HUd1nIYLdrTVVtUix0LJn5/XmuuSfWdd8S6T4f13ULiwkj0hLy6OnXBi8+YkqcOvO0bc4HHNRu/X/Jv8kVsv68l+p6PRXAa1Ldx+IPDvhJNbu47a8WeWa8WXbPKI8ERiQcg/NknqQpqhc3up6Bq3iPRbTVbu7tIdKN3DLcTmSa2k6Y3nk56ipbsr+v4FJXdvT8T06s3xFrkHhvw/d6veRySw2qBnSIDceQOMkDvXn9lJqei3Pgq9fWtQv5dZjCXkdzOWjfMSsCE6KR6jr3rD14Xmv/CvxB4gv9avUuPtMkQtRORAqLIFCeX93OOc4zTkrNrt/X6ii+ZJ97fr/ke1wyie3jlUECRQwB96JporeF5riRIoowWd3YKqj1JPSvMfEd1qek6nHqupXOqJoEVrHsl0ycgWrhQS0sQ++D78V1njqBNR+Heq4nmRGs2kV4JChb5cjkdj6UpO0XJDgrtJ9TQ1PXo7C2sbi2tLnUor24SFXsU80IG/5aMQfuDuayb74g6dYW2szS2t0y6RcLbzBQuXZuhXnp9cVyQFz4d+HHhF9N1K/DXl/YrKZLp3+RjhkGTwp9OlZXiP/kEePv8AsKw/0qmrSa7Nr/0n/Mi94p90v/bv8j20HIB9aKyPEmpw6N4Wu764nkt0ii/1kSgsCcAYB75OK8/0HU9a074jaHZ3CalDZ6tbTM8eoan9q3FVDqyrn5Dx096S1lYe0Uz1eivGWu9YtvAc3iltf1KW8ttRKxxNcERbBJjYydGGPWvZVOVB9RQtVcfWwtFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWX4mRpPCeqpGpd2s5QqqMknYeK1KKmceaLj3KjLlkmeVav4duj8D9DsdJgmthbLbTXENvGvmbQAX+VwQT3wQc0tlpEGuahd6jpXiHXtX1OPS5raKa8tIreOLeBhTthjJORx1A56V6pRVy95yb63/FWIj7qS7f8OcH4M1fTDoulaF9gni1S1Qq8bWZAt5ADl95G3n1BJ5rh9E0FH8Nx+GvEeveI471JyJtMt7KAo77871lMGcHruL55617pRRe8uZj2jZHmD+HJdY8U+OrJ4X23FpZ/ZpZU4aRFcqQehIYDNVLWx1bxppOuakkMtrfRaO+l2QlQxkTFTvYE9MkLgj1r1qipaumn1/4P6McXytNf1t/kePeHNKstU/sC0ude8STXWmujppz2MESWrqMEF1gX5R04Y596p3zpZ/D/wAU+G77Srq41mbUJ5xGtoX85WcMkobG3hcDrkY6V7bRVSfM2+//AAP8hLRW7f8AB/zMG5e8tvh+72Nil7eR6dmK0lHyyuI+EI9zxivL9Omu9R8UeDpk1XWdSeGXN1FLp0dvBZ5UZUbYlYDtjcw969uoo+3zCt7nKeTS6Qy/DjxwU08i6udSlYEQ/PKAYyp6ZOOcV3OoRyv8OLiPY7StpjLtwSxPl9MetdBRWco3hyeSX3KxUXaXN5t/e7nmGoaHPD8FNCs9N01nitktpbqyRdrSRgAuMdz3IPWrN5eWfjDxn4Yn8OQXB/suV5rm6a3eEQxGMr5XzAZ3HBwMgbPpXo1FauV5OXnchRtFR8rHh7vCnw78SeHf7Gul1jVbqZLVPsp/0hnOEfeBgBSc5JGO1dNa3P8Awifj3ULvxVDM0d1ZwR2l7HA8wwiAPHhQSvzZPoc16VRUR0S/rpYp6/13dzxy50a8Hw0166gsZ4ba71yPULa02HckAeLLBeoyVZse9erabfw6ppEV1YOzRyJ8heNkOcdwwBq7RT+zy9P+Al+gdb/1vc8e0y8trH4Z3XhPV9KuX16TzI5bUW7t9pmZifM8zG3nO7JPFW44/wDhGfHPh+58QWdxcJZeH1t5L5YDKIJdwB6AnJwRkAmvVqKOt/62a/UHqrf1un+h4olrPHY6VeNbyWtrf+LYri0hkXayxlxzt7Z64px0trXVPEuneItf13TzqF9LKtvZ2MM0d1E5+XDtA5zjAwWGMccV6jqXhq01bWbDUL2a5f7BJ5sNtvAh8wdHK4ySO3NbFJJW/ra0V/7aDbvf+r3b/U8yhii8G+NtPvdVjvG0ldEis7O4lhM0kDqxLK4QEgsCnIGPlqv48mgF14I1y3s5rbTLbVlklxbkGNSCASignkn0zzXqtZPiP/jxtP8AsIWv/o5K1p3c4+v63/Uio1GEn5fpY1I5FljWRDlWGQSMcU6iisywooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA8v+En/IxeMf+v1f/Q5a9QrzKf4OGTUru7tvEl1am6maVliix1JOOG5xmm/8Kduf+hv1D/vg/wDxdexiFha9R1Pa2vb7L6JIyjzRVrHp9FeYf8Kduf8Aob9Q/wC+D/8AF1U1H4VXVhbCUeLNQfLBcFSOx/2/auSpTwdOLnKtov7rFOo4RcpLRHrVFeQD4T60ygjxBfYPI+f/AOzo/wCFTa3/ANDBff8Aff8A9nWN8F/z9f8A4Ln/AJGf1j+6/uf+R6/RXkH/AAqbW/8AoYL7/vv/AOzo/wCFTa3/ANDBff8Aff8A9nRfB/8AP1/+C5/5B9Y/uv7n/kev0V5B/wAKm1v/AKGC+/77/wDs6P8AhU2t/wDQwX3/AH3/APZ0Xwf/AD9f/guf+QfWP7r+5/5Hr9FeQf8ACptb/wChgvv++/8A7Oj/AIVNrf8A0MF9/wB9/wD2dF8H/wA/X/4Ln/kH1j+6/uf+R6/RXkH/AAqbW/8AoYL7/vv/AOzo/wCFTa3/ANDBff8Aff8A9nRfB/8AP1/+C5/5B9Y/uv7n/kev0V5B/wAKm1v/AKGC+/77/wDs6P8AhU2t/wDQwX3/AH3/APZ0Xwf/AD9f/guf+QfWP7r+5/5Hr9FeQf8ACptb/wChgvv++/8A7Oj/AIVNrf8A0MF9/wB9/wD2dF8H/wA/X/4Ln/kH1j+6/uf+R6RBoQt9Yv8AUEny96U3KV4UKCBj8z+lXPskn/PRf++f/r15X/wqbW/+hgvv++//ALOj/hU2t/8AQwX3/ff/ANnRfB/8/X/4Ln/kH1j+6/uf+R6p9kk/56L/AN8//Xo+ySf89F/75/8Ar15X/wAKm1v/AKGC+/77/wDs6P8AhU2t/wDQwX3/AH3/APZ0Xwf/AD9f/guf+QfWP7r+5/5Hqn2ST/nov/fP/wBej7JJ/wA9F/75/wDr15X/AMKm1v8A6GC+/wC+/wD7Oj/hU2t/9DBff99//Z0Xwf8Az9f/AILn/kH1j+6/uf8AkeqfZJP+ei/98/8A16Pskn/PRf8Avn/69eV/8Km1v/oYL7/vv/7Oj/hU2t/9DBff99//AGdF8H/z9f8A4Ln/AJB9Y/uv7n/keqfZJP8Anov/AHz/APXo+ySf89F/75/+vXlf/Cptb/6GC+/77/8As6P+FTa3/wBDBff99/8A2dF8H/z9f/guf+QfWP7r+5/5Hqn2ST/nov8A3z/9ej7JJ/z0X/vn/wCvXlf/AAqbW/8AoYL7/vv/AOzo/wCFTa3/ANDBff8Aff8A9nRfB/8AP1/+C5/5B9Y/uv7n/keqfZJP+ei/98//AF6Pskn/AD0X/vn/AOvXlf8AwqbW/wDoYL7/AL7/APs6P+FTa3/0MF9/33/9nRfB/wDP1/8Aguf+QfWP7r+5/wCR6p9kk/56L/3z/wDXo+ySf89F/wC+f/r15X/wqbW/+hgvv++//s6P+FTa3/0MF9/33/8AZ0Xwf/P1/wDguf8AkH1j+6/uf+R6p9kk/wCei/8AfP8A9ej7JJ/z0X/vn/69eV/8Km1v/oYL7/vv/wCzo/4VNrf/AEMF9/33/wDZ0Xwf/P1/+C5/5B9Y/uv7n/keqfZJP+ei/wDfP/16Pskn/PRf++f/AK9eV/8ACptb/wChgvv++/8A7Olsfhbe3N1LBL4pv4mjHOAT/wCz0J4JyUfbNN94SX6AsRdqPK9T1iCBomZmYNkY4GKmrzD/AIU7c/8AQ36h/wB8H/4uj/hTtz/0N+of98H/AOLrp+r4X/n9/wCSs35pdj0+ivMP+FO3P/Q36h/3wf8A4uj/AIU7c/8AQ36h/wB8H/4uj6vhf+f3/krDml2D4Rf8hvxd/wBfq/8AoUten1yngfwMngtb7ZqEl6bxkZmePaVK7vc5zurq6zx1SFXESnB3Wn5IIJqNmFFFFcZYUUUjOqKWdgqjqScAUbALRVSXVLKHG+4U5/u/N/Kq0niC0R8Iskg/vAY/nXNPFUIfFNGEsRSjvJGpRWbZas13emEwGMbSwJPOO3FaVaUq0K0eaD0Lp1I1FeIUUUVqaBRRRQAUUUUAFFFFABRRRQAUUUUAFZeseG9L16W1l1OCR5bRi0EsVxJC6E4z8yMDg4HHStSigDOj0HTYnv3S2w2oqEuiZGPmgKVHU8cE9MVTufBeg3WmWdhJZMkFiMWxhuJIpIR6LIrBx+fNbtNd0ijZ5GVEUZZmOAB9aAKelaNY6JaG306Fo0ZtzNJI0ju3qzuSzHtkk8ACud8U+CtBudN1TUp7SVpxBJPs+1zCEyBDhzDu8skYByV6gHtXV21zBeWsdzZzR3EEqh45YnDK6noQRwRVPxF/yK+q/wDXnN/6Aa0p/wASLfdGdT+HL0Zyej+DdE1W4a8uredZ3iXzGt7yaASY/viN1DfiDXSap4T0XWI7VLyzKfZF2W72s0lu8S4xtVo2UheBxnFV/C3+p/7ZiuhqHvYtbXMS68HaFeaTb6bcWObe2bfAyzSJLG395ZQwcE85O7Jyc06y8I6Jp+n3Vnb2bGO8BW4aaeSWSUHjDSOxc/nxWzVdb+1kmnhguIpp7cfvYY3DOmRkAgcjPvSfUZVfw9pcg0wPagjSsfY/nb91hdo788DHOay7z4deFr+e5ku9L8wXTF5ojcSiJn/v+WG2BuPvAZ961tD1Y63pEV81jd2BkLD7PeR+XIuGI5X3xkexFaFD3uw6WOfv/A/h/U7r7ReWcrthQ0a3cyRyBem+NXCv/wACBrcmt4bi1e2mjV4ZEKMhHBUjGKg1TUI9J0m6v51Z47aJpGVOpAGeM1k2HjGy1DU9KsYoLhZNU08ahEzBcKhx8rc9ee3FG/u/11/yYba/10/zQ6DwRoFvp0NilpK1tb3KXUMct3NII5FOVK7nOAP7o49qluPCGhXcN/FcWAdNRlE10PNceY46Hg8fhitqij+v6+5fcBXvtPtdT0+Wxv4Entpl2SRuOGFYum+AvDmk6nb6jZ2UpvLZSsM895NM0akYKgu54wenSuiooDpYx38J6JJob6O9iDYSSGVofMflic5znPX3rYAwMCsrxJ4gt/DGiS6neRSyxRsqlYgNxycdyK1QcgH1oAKKgnvbW1mgiubmGGS4bZCkkgVpWwThQepwCcD0qegAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqC9vbfTrKa7vZVhghQvJIx4UDqTU9I33T9KmTai2hrc888AePIda8Oza/rfiK38p3O61KIiWmWO1d2MnjHWutHizQTpMmqDVbb7DE/lvPv8AlDen15FeZ2+kzz/s/abYXNlMzmaMSQNG27Hmc5HWuo8bQnTvEXhfU5bJptE015VnSGMv9nZlURybB1Aww4HG6re9vkLq/v8AzOn0/wATaLqtjPeadqdvcW9uCZZEfIQAZOfSq0Pjfwzc3HkQa5ZPL5fmbRKOVxnP5Vxlwg1/xF4g17RbadbE6HLavKYmj+1SnkYVgCdoB5x3qmNCVvCvw3gbS1KwTxNNGbfiMlBksMcc9c0lr+H4tr9L/MT0/H8En+tj03SNd0vX7V7jRr6G8hR9jPE2QrYzg/gRUWseJdG8P+X/AG1qVvZmX7glbBaue8NW88PxT8XyNDJHBLHaMjFSFdtrgkHoTwAfwqreXkfhv4oXmqa9HL9iu7JIrS5jt2lEZBy6fKCRng/hSvqh9/I0L/xJcnxxpVhp91F/Z97p8twX2hgSPutn0q7pev29j4Qg1HxBrllcrlg99EAkTneQAB7dPwrnbyP7V480K6sNPmt7Q6TcbU8jYI8jhSBwD7VyUWlajB4c8F389xqWm2VjLercy2lukktu7yHY+x0fjAYZC5Gfc0eX9bsOv9dj1uHxVoVxo8mqw6ravYRHbJcCT5UPue1R23i/QLz7WLPVradrNC86o+SgHc15vquhWs3gXxRe6beaxrUmomESy31siCYq38KJGnY8krXUX9g0PxR0I2dqY7dNLliJjjwij+FeOB7Cm73t/W1xJ/187Gn4N8e6P42tJJNMmUTRu6vAWyyqrlQ30OMj61WvfGMWj+O7uy1m/gtNMisFmUyAD5y4HXr3qr8LLhbfQ7rRrhJYr60vrl5Y5IWUBXmZlIYjByD2NVdSvLXRfjBLquq2M5thpgiS9S2aQRMWHHygnkccCh2vG23/AAGGtpev6o7K28RaPeSWaWuo28rX0Zltgj585B1K+tWYNSs7m+uLO3uY5Lm12+fErZaPdyM+mcV5ANNvdI+HaeKobOSCTTtUm1O1tHG1ltnkJKEdsqRx2rufhrZuPDcusXSkXWuXL377hyqtgRr+CKv5mmuvl/wP+D9wPT+vX/gfebUnifRItbXR5NTt11BiALYv85z04qPUvF2gaPfLZanq1rbXLYxHI+Dz0rgtQnfSPG8h8NNcXE2oajH9u0e+sC8bfOuZ45QBsIGSMsw4+7WYdLa01TxJp3iLX9d086hfSyLb2VjDNHdROflw7QOc4wMFhjHHFStUv67afj/wCnZN/wBd/wDI9U1LxRoejyBNU1S2tnMfmhZHwSmcbh7Zpz+I9Hj0RdYfUrcacwyLkv8AIR9a5DSdCjs/iRoyi1nkgsfD/lQzXcYZ4zvAwWAwGx1xXL21ldWWj6VfXllcNp+m+JZJ7iIQsSkZyFcJjJAYg8Dtmn28/wD5K3/BJ7/19m//AADqY/Gk2sa9r8Gj6zZx2Ftp8U1tdsgZInPVmPce1dGfFej6Vp9p/bWt2Yne1SZpN20Sg4G9R6E155dkatrfja/0zTblLe70qMRStbFPtLDgkDGT+IzWz4d0xm8c+H7i5sifs/hpFWSSL/VvlQQCRwcZ96Sve39faf6IG7a/19lfqdrJ4k0aLRF1iTUrddOcArcl/kOeODUWi+LNB8RzTRaHqttfSQY81YXyUz615DOuqWGjaNHp9rJ9tj8STy28LW/mHAUniIumV9wwx1ruPhzJGuqa4uoG4i166nF1eW8tsLdVBAClEDvxgdSxJOacfeV/66f5/gOWmn9btfp+J31ZPiP/AI8bT/sIWv8A6OStasnxH/x42n/YQtf/AEcla0f4iMq38NmtRRRWRqFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVleIf8AkHL/ANdR/I1q1leIf+Qcv/XUfyNceO/3afoc2K/gS9DTi/1Kf7op1Ni/1Kf7op1dcdkdC2CiseHxAJvGd1oH2chrezjuvP38NvZl27cdtnXPeorPxRb3Gvatp1yqWq6a0SmeSUASGQEgc4x0x1Oaa1V/63sN6f13N2iq1rqVjfW7T2V7b3MKcNJDKrqv1INY0fjGxufGFrodi0N2txZzXJuobhXVPLaNdpAzyfMz17Ubu39dw6XOiorNPiPRdkzR6rZSGBC8ipcISoHUkZ4qtovi3SNb8M22uw3cMFlcIGDTSquzPZjnAPtQBt0VFbXMF5brPaTxzwv92SJwyt9COKYdQs1hWY3cAiZtgcyjaWzjGc9c9qALFFUL7U1tZEjha1kl8xVkjkuRGyg9wMHJ9Bxmue0Px+mtaxp9iunNCb1Ltw5m3bPIlWPpjnO7PtjvQtXZBsrnYUVg33iyz03xVFo98YreOS1Nz9qmnCKMMF24Prn1rWm1Gyt7MXc95bxWzAETPKoQg9PmJxR0uHWxYoqK2uYLy3We0mjnhf7skThlb6EcVXn1nTLa8Fpc6jaRXLYAhknVXOenyk5oAu0VUu9V0+wmSK+v7a2kk+4k0yoW+gJ5pLrV9NsSRfaha2xGMiadUxnOOp74P5GgC5RVS51XT7K3Se7vraCGT7kksyqr/Qk81R8MeIV8S6RLfx2/kKl1PbhTJuz5UjJuzgddufxoA2aKzIdctUsxNqV1Y2hy/Au1ZdqtjO449Rn0JxVuPULKaKKWG7gkjmOInWUESH0U55/CgCxRRRQAjHCk+grjLDxV4i1O1+02WjWzwl2RWa4252sVPH1Fdm/+rb6GvM9Ki1SbwjZpYakuk2guLhru9BTzI1ErYCh1Zee5IpN2A6L+2vFf/QDtP/AoUf214r/6Adp/4FCuRt/FWsXegafZRXoa61DVXsINTSNcvCis5lC42lsIV6YzzjtW94W1DUIte1bQNVvn1GSxKSQ3UqIsjxuM4YIFXI9gKr+v6+8Hp/Xnb8zQ/trxX/0A7T/wKFH9teK/+gHaf+BQraopAYv9teK/+gHaf+BQrQ0fUdZurtk1WwgtY9uVMcu8satVJb/8fK/Q0AXayNP/AOQ7e/571r1gR3sVjrV2827DEgbRnvXn4ycYTpyk7K/6M5MRJRlBy2v+hv0Vit4jXcRHbk8/KS3X8MU4XGsTqFWCOLd0fHT9TVfX6MtIXl6Jh9bpv4Lv0RsUhZV6kD6msj7Dqk/FxehAOQU/+tilGgrJzd3UsrdiD0H45o+sVpfBSfzaX+Y/bVX8MPvaRfe/tY3KvcRqw6gmqkmvWiqfL3yNngAYzUiaLYogVoi5H8TMcn8qtLa26EFIIwR0IQZFFsXLrGP3sLYiXZfiZv8AbM83FpZOxH3t1Hm6xP8ANHEkI6bW/wDr1r0U/q1SXx1X8rIPYzfxTfy0Mj7BqcnzPfFC3JUE4FKvh+EMC80jr3U961qKPqNDeSv6tsf1Wl1V/VlGLR7KJsiHdxjDnIq1FbQwgiKJEB64FSUV0Qo0ofDFL5GsaUI/CkjCuZzY6/JO0TMrIAMDrwP8Km/t9P8An1lrXorlWGqwcvZ1LJtvZdTBUKkW+Sdk3fYyP7fT/n1lo/t9P+fWWteiq9jif+fv/kqH7Ov/AM/PwMj+30/59ZaP7fT/AJ9Za16KPY4n/n7/AOSoPZ1/+fn4GR/b6f8APrLR/b6f8+sta9FHscT/AM/f/JUHs6//AD8/AyP7fT/n1lo/t9P+fWWteij2OJ/5+/8AkqD2df8A5+fgZH9vp/z6y0f2+n/PrLWvRR7HE/8AP3/yVB7Ov/z8/AyP7fT/AJ9ZafDrsck6RtDIm84BNalZOs/8f2n/APXQ/wA1rGt9Yow9o6l7W6LvYzqe2pR5+e+3TzNauG8Z38t14ittE07+07i6Fsbl7ewvRZhVyQHaTqehG32ruaxta8JaNr93FdanbSNcQoY1mguZYH2HkqWjZSy+xyK9Jq53o820/wATa5P4L0OSe8uI5o/Eq2Uz+fuZ4sn5Xcfe6gZ74Fbmt3FxqXjTxHpL390tmmjiRYoJymx88kY6GunXwP4cj8PSaHHpiJp0kvnGFZHGJMg7g2dynIByCKk0rwdoWi3U1zp1jsuJ4vKmmkmeV5V9GZ2Jb6nmlJc0Wn/XupfnqKOjT/r4r/loec6NNP4a+C/huTTtRu45dWW1geeedpFtg6clAeE6YGPWr/imO98J6jY2en6vf39tq1tdQ3VvfXTTkBbd3EqliduCoBxwd1dpaeCfD9lo8+kw2LNYTnLW81xJKi/7gdjsx2C4x2qhd+D9F0PQtVurC2mNx9gmjWa6u5bl0XYflUysxUdMgYzgeldFOV6yl5/0jGorUXHy/pnlOk3WsxfDu78Rw+INRjvrW72QgTHywokA2snRhj1r0Fbm58MfEBbKXV765srrSZLuc3Upl8uRGOWQHhRz90ccCrXhvwros/h+XSZbINYy4leLzH5YnOc5z1966ifQ9NutVTUbi1WS6jga3V2Y48tuq7c4OfcVi7rb+tLfnqarVf13v+R5Qde1m11Tw5rFn/ay2Wp6ksJlvNSEkdxG4YcW+fk7EYHGPetnwvoccXxQ8W3C32o7oHiZVN45Vspn5lzhgO2eldNB8N/Cttc288emyFrWUTW4kvJnWBgc5RWcqnPYACtJ/DGkvr51ryJEv2UI8kdxIiyADA3IGCt+INC0/H7tP8gev4fmzzfRdc1XWNC8LaXdareRf2pdXn2i8SYrKyxysFQP1HB7dhXTeIpF8M+H4dPTVdVvJr69W3to1uM3DsRny/OPKjAJ3ZyMVtv4L0B9Di0g2G2zhkaWJUmkV43ZixZZA29Tknoe9Nk8D+H5tH/syayeS384ThnuZWmEg6OJi3mBu2d3Til0t/XQf9fmefWeo6tGnjPRNSF4kMGm+dHFe332uSMlcEeZ6e1O0+1lvda8K21tPJbzS+EdscsbFWRsLggjpzXfWPgXw7py3gtbBg19F5NzJJcSyPMvozMxJ+uc1ctvDek2d5ZXVvaBJrG1+yW7+Yx8uLj5cE89ByeaLa6/1pJfqha/16xf6M4DRPE+qeJL3w1ocV3PFdWcssmsujkMVhG0Kx/2mZD7jNdL40v7yy1rwutpcSwxT6msc4RsB1I6N6ijwl4RfR/FHiLXb2G3jutWuF2CA5AiUcZOByTnP0Fb2taDpviGxFnq9v58IcOu2Ro2RgchlZSGU+4NO+kX10b/AK/ALatfJHAa9r2pQ6545jtdSmjSx0+2e3CycQOQckDsfWkWfUNA1TwfeQ63fam2tMYbyCecyRyAwtJvROiEFB09T610OpeANLi8PavbeH7KOC91G3WKSWWV3MuDwXZiSTyeTkmrfh/wNouhSWl5DZYv4bcRB2uJJEiyBu8tWYqmSP4QM0oqz+79Qf8An+h5frYvNb+E8niTUNavWurm6G+2M58gDzMbBH0BHqBmum8Xald6hq+rW+jNq88mlWymU2moizitnKbhnp5hxg8+uK6af4ceFLqWZ59K3iaQytEbiXyg5OSyx7tqtnuoBqxqngXw9rOoS3t/Yu08yLHMYrqWJZlHQOqMFfHT5gaTV1Zf1oVpzX/rc821KOXxTH8NdR1K9vori7uWjla3umjwRBL8w2nhjt6j1PrWvq93ruo+OL7QbGHU57TTbaMxi11X7LIxYffdicv/ACrtbnwXoN3otppMtiVs7Fw9ssM8kTQtzyrqwYdT370upeDdE1aWGa8t5xPCnlrPBeTQyFfRnRwzD6k1b1b7Xf4krZX3sl+IzwSNcTwrbx+KCrX8bOhZZRISgchNzDgttxk+ua36r2FhbaZZR2ljCsMEYwqjn3JJPJJPJJ5JOTVihu7BaIKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKqapqdto+lz39/KsUECF3ZjgCk2krsaTbsi3RXCW3j6z8VeCodV0DWbTSpmaJpftQD+SGPKN2yeldDqHjHw9pE8kGp6xa200W0SI8mCu4ZGR74qmraMlNPY2qKyIfFWhXGqxabBqtrJeTLujhWQFnGM8fhTdS8XaBo98tnqerWttcNjEcj4PNIZs0UgdSgcMCpGd2eMVj2fi/w/f6t/Zlnq9rNe5I8hX+YkcmjrYOlzZorDvPGnhuwumtrzWrSGZJPKZGk5V/Q+hqzq3iPR9DEJ1fUbe0884i8x8b/p+dHS4GnRXLeANfu/EeiXd3ezJMUvpYo3RQBsBGOlN8X+NtN0PTdQt4NVtotXigLxQMQW3Y44pN2V/n+o0rux1dFc5b+LtN0/wvpN/4j1K3tZby1jkLSHbuYoCcAfWq/iT4i6F4b0ew1KW5juLe/njihaNxgqzBS+fQZyfpVNWdvOxKd1f5m1ruiW3iHR5tNvnmW3mwH8l9pIBzjPpV6GJLeBIYVCRxqFVR0AAwBWVP4s0G10mHU7jVbeOyn/1UzPw/0q9pup2Wr2KXmmXMd1bSZ2yxNkHHBpdx9i1RXE23jyy0/Xtet/EuqW1pb2lykdt5uFwCpJ579O9dHqfiPR9GtYrnVNRgtoZf9W7vw30pX0uHWxp0Vnpr+lSaJ/bCahAdO2lvtO/5MA46/WuZ8WeObdfh9qes+EtSt7ia1CgSIA4UkjqDTA7aiqMGsWEuo/2aLuJr9YhI8Ab5lU9yKwdX+I2h6J4ytPDt/cJHPcQtKZWfAjIKgKR6tu4+ho62Dpc09f8AC9l4he0muJbm1urN/Mt7q1k2SRkjBwSCOQSOlJonhez0O6uLtJrm8vbkBZbu8kDyMo6LkADA+lLqvi/w/ocsceratbWjyLvVZHwSPWtW3uIbq3Se2kWWKQbkdDkMPXNC8gfmSVk+I/8AjxtP+wha/wDo5K1qyfEf/Hjaf9hC1/8ARyVrR/iIyrfw2a1FFFZGoUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWV4h/wCQcv8A11H8jWrWV4h/5By/9dR/I1x47/dp+hzYr+BL0NOL/Up/uinU2L/Up/uinV1x2R0LY4XUL+x8NfFOXU9du47Cy1DTI4Irq4OyESRuxKmQ/KGIfIBPODjoa4fxbJZ6hpuva3KHn0e81ewRJYlLCeNHAZkI+8Oeo69q9weNJFxIiuPRhmsvXvD1vr1jb2ssjQJBcxXC+WByY3DAfQ4px0t5f/JXKvdt/wBaKx5dr5tr+bXrrwMyT6OLGAXbaaN0cjhyWCFOCwTbnH40XGq+Fv8AhPVvvCkcF9HF4YuzNHYH5HAeEhMr0brkD5gCM9q9lSKONSqIqqeoAwKRYIk+5Ei/RQKFp+P4pr9Q/r8v8jwi1uLO/wDFvhsWl7ot0LhZlktdKtgUgDQt+7kmz8x/2WAPfFM09oD4T8DlNSsdP0y2t2hvpprdZoILraoxMu5QrdeWNe9LBEhykSKc54UCjyIthXyk2k5I2jBp3/r7/wDMRyHw4traDT9RksNaj1e2muy6yW9oYIEO0AiLkhl91JGc+9cTrGk3N7r2reEbaN41tGl1a3YA7fmU7MHGOH28V7OqKihUUKo6ADFG1d27aM4xnFJ3buu3/Dfc0C0/r+ulzxSG8fxDpNh4smiaL+2NdiaFXGGWJFKKPx25/GrHgb/kcfD3/XDVv/SmOvYhGgUKEXA6DHSgRopBCKCOmBVJpO6/rSwfZt/XX/M848U3Ph61+Lmny+KZLaK3GlyCN7sgQht4+8W+Ue2e+Mc1yBhu47fQ57q9j0vw2b28NpNf2vmwRxtITBvVmUKpT7pY4xXurxRyf6yNX/3lzStGjJsZFK/3SOKhaW/rrcbd/wCvKxx/w4traDT9RksNaj1e2muy6yW9oYIEO0AiLkhl91JGc1xviO40zSb7VZLa+0TVppJ5Gl0TU0MF67EcLC3Ltk/dAUA9jXsaoqKFRQqjoAMU0wRM+9okL/3iozTe9xLRHiupxR/8JX4hTxJrljoYnWI2cep2ImdofLUAQsXGWDZGFBOa2fDehWV1421GPUf+Jp5Og2iJLdwFS4LS8lG+6cAdeRXqLwxyEGSNWI6FlBxTgqhiQoyRgnFHS39bNfqH9fin+h4l4Vu9MtJtCm8Yywx6W2lyRWkt8R5AlD8rlvlDbc4zz6V2Xwk+y/8ACvX/ALOV1tft975IkBDBPtEmMg8g49ea7loYmUK0aFR0BUYFOVVQYVQo9AKbd0/663D/ADv+FjxTwjp9rqPi3w2l9Ak8aRaq4SQZUn7RGOR0PWuw8AtYWkeqWs7W8KprU8dnFIVGDn7qA9/YV3QjRSCEUEdCBR5af3F656d6L/187g9b+t/z/wAx1FFFIBH/ANW30Nea6K+qReFrSSwsE1O0865W5shsEkmZWwVLsF45yCa9Kf8A1bfSuR8GxSW3hmGO4Ro3MsrbWGDgyMQfxBBoA5b/AIRPWI4Y9XtbMRXFvqw1CDSjKgMcZiMTRhgdgY7i3XHvzXQeGdM1A67quvataGxlvvLjitWdXeNEGPmKkrk+xNdNvX1o3r60bf1/XYHr/XzFopN6+tG9fWgBakt/+Plfoai3r61JbEG5XHoaAL1YdtbQ3Ot3izoHAOQD9a3KyNP/AOQ7e/571wYqKlUpJq+v6M5MQk5wT7/oStoVmzErvUk5GG6VF/Y08XzwXz+YOm4cVr0VbwWHeqjb00/Ip4Wi+lvTQyPJ1i35SWOfPGCen54pBqOpQMUnsTI3qgOP0zWxRU/VJR+CpJfj+Yvq7XwTa/H8zITxDDws0UiNnDY5Aq3Hq1lK4VZwD/tAqPzNWmRGUhlBBGCCOtVpNLs5E2m3RfdRg0cmLhtJS9Vb8g5cRHaSfqrFiOeKbPlSo+Ou1gcU+syTQbVseUzxeuDnNR/2Rcw/La3zonXBJ6/hT9tiI/FTv6P/ADD2lZfFC/ozXorHZdZhUhXWRV6HAJal/ta8h+a6sWVOmRnrS+uwXxxcfVf5B9ZiviTXyNeisuPXrc585JIvTIzmrEeq2UibvPVfZuDWscXQntNFxxFKW0kWJLiGJgJZY0JGQGYCm/bbX/n5h/7+CsdoYb/xDIsnzxlAwwfYVe/sOx/55t/32awjXxFVydOKsm1q30+RlGrWm3yJWTtuWvttr/z8w/8AfwUfbbX/AJ+Yf+/gqr/Ydj/zzb/vs0f2HY/882/77NXzYv8Alj97/wAiubEdl97/AMi19ttf+fmH/v4KPttr/wA/MP8A38FVf7Dsf+ebf99mj+w7H/nm3/fZo5sX/LH73/kHNiOy+9/5Fr7ba/8APzD/AN/BR9ttf+fmH/v4Kq/2HY/882/77NH9h2P/ADzb/vs0c2L/AJY/e/8AIObEdl97/wAi19ttf+fmH/v4KPttr/z8w/8AfwVV/sOx/wCebf8AfZo/sOx/55t/32aObF/yx+9/5BzYjsvvf+Ra+22v/PzD/wB/BR9ttf8An5h/7+Cqv9h2P/PNv++zR/Ydj/zzb/vs0c2L/lj97/yDmxHZfe/8i19ttf8An5h/7+CsvVJopr6w8qRJMSc7WBxytWv7Dsf+ebf99mnRaPZwyrIkZ3KcjLE1lVhiq0eSSilp1fR37EVI16keVpfeXqKK4XxPrV54a8ZC4lu5P7Pv9OdI4mY7EuEPBA6AsHH5V6Ldjutc7quZ1LxtBpNhql5e6XqEUOnTrCWeIKJ8/wAUZJwy+9cZaa1rclrY+F5dQuTq02rR+ZcByJFttnnsSfQ7GT8aqeLL+7u9A8bwXVzLNFa6hCkKOxIjXjgelPr/AF5f52FfT+vP/I9Os/EVte+Jr/RI4pVnsYopZHYDawkBIxzntVDxBrtux1fQhHJ9oXSJroyYGzbjbjrnOT6Vl6D/AMlh8T/9eVn/AOgmsXxlZG/+ImpQ/wBoTWkY8NzOyQSbHlwwIG4cgZ6469OlXSv7WC83+F/8jKp/Ck/Jfjb/ADOy8Lf6n/tmK6GvANF8T68uk2Oj2klxdmfUpLFriO4EUska8gCU9GPTd1r0nwVa+JbLW9Qi1aO4i0to0e3jvdRF3MknIb5uu04BAPfNLd3/AK7mmy/rvY7aivOfHc2q6dr/APal1Nqn/CP29tl20q4KPayDJMkkanMi4A4PA5qhqWr614i8ZXWm6bFqFzY2lpFLD9i1IWTOXXO9jwWHt0qE7lNW/r0/zPVaK8sdvFTaf4T0zWtUnsry4vZ4biS1nDNJEudgZhwW24yfXNV7/X9X8O6X4x0+z1G6mFhc2kdtc3UplkgWdwjHc3JwORnpTe7X9dP8xLU9Fu/ENtZ+JrDRJIpWnvo3kjdQNqhRk55zWhcXtraNELu5hgMz+XEJJAu9v7oz1PsK81TSf7K+LfhpV1W9vlks5mK3lwZmU7TyC3IB9OlWvirpSX+oeFme6vIc6okZ+z3LRgAqxzwfve/Wjt5u342FffyV/wALno1FcDOk2rePz4WfVtQtLHT9PW5AhunjnuXZiuTIDuIUDpnqRVzwNe339qa/o93eyahbaZcrHbXMzb5CpXJVm6sR0yaFr/XZ2G9Pw/FXOyorzXxPd6lo/jKfU9YudUXQ90SWs+nXB8u2bgMs0Q+9lifmPYj0rPu7/wAR+J/EuvwWMOpPFp8ghtTZaqLMJlN29l/jyT344+tJO6v/AF/Wo7HrVFeYSL4l1LXPCmlaxq09jLNZyPqC2E+3zWUdmXp9RUt3rF94Q1DxJp09/d3fm28VxpZuJTIylh5RQE8nDru/4FTen4/gJa/h+J6VRXkc0/iafxHB4af+074WWmRXErW2p/ZJZZXJ3Mz9WA6Y6c/SpLs+L49B0DTdS1Oawu7jV/s7TQ3AkkaDPAZ14LY70f1+NhXt/Xlc9Yoqtp9kunWMdrHNcTrHnElzM0sh5zyzcmrNAwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACoL2NprCeNBlnjZQPcip6KmS5k0xxdnc8YiZ7n4D2Gkw29yb/T2t4bmA27hkZSM9Rz9RmugtdMLePPHVzLZEmXToI4pWi++PLkyqnHPOMge1ej0VU/fvfr+qsJK1rdP87nkNtpMtr4A8CR21g8MkOrW8kixwlWTMhDMQBxx1PpVVtLNpq3iTT/EWv67p/wDaF9LIkFlZQzR3UTn5cO0DnOMDBYYxxxXtFFD1bfe/42/yBaJeVvwv/mYlvaPpHgZLXTYJbp7Ww2QQXhBeQhPlV8cZ7HHFeTwT3up6t4Pk/tHWLu5h1ON7qyOnRwW1iMkEAiJWxzj7zDHWvc6Kd/f5n3T+5it7nKvQ8vbSSdF+IUn2Ame5upAjeT80q4GMHGWFQafKdA8XaVquv2tzJa3PhuC1hkEDSlJVJLxkAEgtuXrwdvPSvV6KlK1vRL7k1+o97/P8Wn+hw3wmt3t/C14r2UliG1Gd0glj2FVJGOK5S9dNO0TxroepaZdXWp397PPCqWpkFwjHKMGxt4GBycjFeyUUNXVvK35f5DTt99/z/wAzyO5v7+xn0K1vLm+0KxXQ4tt7YWCTTzy4AMLF432gDBxgZLdeKzbOxvovg5aNPb3rfY9diuZFmh/eiJbhGLbFHpk4Ar26iqvrzed/xuTbS3lb8LHlfiovc+NdJ8RR6tqmnaPJYGKO8sbRZGjkLE/MkkTlcgjkKD611Hw/0mz07TL640+71K8S+vGuHn1CNI2kbaoLKiIoC8d1ByDXWUUlorf1vcb1/ryseVf2jYaB4n8aS6xpF0/23CQypaNJ9pGw5iBAPX3wPeqFuus+HdL8L6VrF1d6NDFpYEuoWNmlxP5g/wCWGWRwoAx/Dz617JRSSsren4X/AMwf+f42/wAv60PEdI0/Uh8P0mmt765trTxM93cw3MCiWW3xnfsUAfeYNhQO/euj8fajZeKPhtrx8P2lzJKY40Mws2Rn+YYADDccfTFel0U+lv62S/QOt/63b/U4D4fwXPh7VtQ0HWLaSW+kY3SatsJ+2oTxvPRXXpt4HHAA4p/iiT+zPip4c1W7SUWX2O5tmljiaQLIzRFQdoJGcHnpxXeUU76p9v8AK35Cto13/wCH/M8303VrXwt4q8SN4mtp0fUJxLbXKWzzCeHGAnyg4x6HHWtr4Z6TdaP4Mjgu7d7TzJ5porVzk28byFkT8FIGK66iktFb5Der/EKyfEf/AB42n/YQtf8A0cla1ZPiP/jxtP8AsIWv/o5K1o/xEZVv4bNaiiisjUKKKKACiuL8VePJvDniKHTYtMN4rwiZmRzuAy2cLjnAUmo7L4teHrmRluRdWagZDyx7gx9Plya29jUa5kjdYeq48yWh3FFY1l4v8P6hAktvq9oA5wqyyiNs5x91sH9K2aycWt0ZSjKOjQUUUUiQooooAKKKKACiiigAorh/izPLb+EYXt5Xib7Yg3IxU42P6VQt/hhcTW0Up8TXo3oGxtPGR/vVvGnHlUpSsdEaUXBTlK1/I9Horzz/AIVZP/0NF9/3yf8A4qj/AIVZP/0NF9/3yf8A4qjkp/z/AIMfs6P8/wCDPQ6K88/4VZP/ANDRff8AfJ/+Ko/4VZP/ANDRff8AfJ/+Ko5Kf8/4MPZ0f5/wZ6HRXnn/AAqyf/oaL7/vk/8AxVH/AAqyf/oaL7/vk/8AxVHJT/n/AAYezo/z/gz0OivPP+FWT/8AQ0X3/fJ/+Ko/4VZP/wBDRff98n/4qjkp/wA/4MPZ0f5/wZ6HRXnn/CrJ/wDoaL7/AL5P/wAVR/wqyf8A6Gi+/wC+T/8AFUclP+f8GHs6P8/4M9Dorzz/AIVZP/0NF9/3yf8A4qj/AIVZP/0NF9/3yf8A4qjkp/z/AIMPZ0f5/wAGeh1S1W0kvbRY4du4OG+Y47GuJ/4VZP8A9DRff98n/wCKo/4VZP8A9DRff98n/wCKrOpQo1YOEp6PyInQoTi4ue/kzqxb60AALmPA+n+FHka3/wA/Mf6f4Vyn/CrJ/wDoaL7/AL5P/wAVR/wqyf8A6Gi+/wC+T/8AFVy/2fR/5/S+9mH1Gh/z+f4nV+Rrf/PzH+n+FHka3/z8x/p/hXKf8Ksn/wChovv++T/8VR/wqyf/AKGi+/75P/xVH9n0f+f0vvYfUqH/AD+f4nV+Rrf/AD8x/p/hR5Gt/wDPzH+n+Fcp/wAKsn/6Gi+/75P/AMVR/wAKsn/6Gi+/75P/AMVR/Z9H/n9L72H1Kh/z+f4nV+Rrf/PzH+n+FHka3/z8x/p/hXKf8Ksn/wChovv++T/8VR/wqyf/AKGi+/75P/xVH9n0f+f0vvYfUqH/AD+f4nV+Rrf/AD8x/p/hR5Gt/wDPzH+n+Fcp/wAKsn/6Gi+/75P/AMVR/wAKsn/6Gi+/75P/AMVR/Z9H/n9L72H1Kh/z+f4nV+Rrf/PzH+n+FHka3/z8x/p/hXKf8Ksn/wChovv++T/8VR/wqyf/AKGi+/75P/xVH9n0f+f0vvYfUqH/AD+f4nV+Rrf/AD8x/p/hR5Gt/wDPzH+n+Fcp/wAKsn/6Gi+/75P/AMVR/wAKsn/6Gi+/75P/AMVR/Z9H/n9L72H1Kh/z+f4nV+Rrf/PzH+n+FHka3/z8x/p/hXKf8Ksn/wChovv++T/8VR/wqyf/AKGi+/75P/xVH9n0f+f0vvYfUqH/AD+f4nV+Rrf/AD8x/p/hR5Gt/wDPzH+n+Fcp/wAKsn/6Gi+/75P/AMVR/wAKsn/6Gi+/75P/AMVR/Z9H/n9L72H1Kh/z+f4nV+Rrf/PzH+n+FHka3/z8x/p/hXKf8Ksn/wChovv++T/8VR/wqyf/AKGi+/75P/xVH9n0f+f0vvYfUqH/AD+f4nV+Rrf/AD8x/p/hR5Gt/wDPzH+n+Fcp/wAKsn/6Gi+/75P/AMVUc3wza2iMlx4tuoox1Z/lA/EvR/Z9H/n9L72H1Kh/z+f4nX+Rrf8Az8x/p/hR5Gt/8/Mf6f4Vw/8Awgln/wBDy/8A39H/AMXR/wAIJZ/9Dy//AH9H/wAXR/Z9H/n9L72H1Kh/z+f4nceRrf8Az8x/p/hR5Gt/8/Mf6f4Vw/8Awgln/wBDy/8A39H/AMXR/wAIJZ/9Dy//AH9H/wAXR/Z9H/n9L72H1Kh/z+f4nceRrf8Az8x/p/hR5Gt/8/Mf6f4Vw/8Awgln/wBDy/8A39H/AMXR/wAIJZ/9Dy//AH9H/wAXR/Z9H/n9L72H1Kh/z+f4nceRrf8Az8x/p/hR5Gt/8/Mf6f4Vw/8Awgln/wBDy/8A39H/AMXR/wAIJZ/9Dy//AH9H/wAXR/Z9H/n9L72H1Kh/z+f4nceRrf8Az8x/p/hR5Gt/8/Mf6f4Vw/8Awgln/wBDy/8A39H/AMXR/wAIJZ/9Dy//AH9H/wAXR/Z9H/n9L72H1Kh/z+f4nceRrf8Az8x/p/hUum2Nzb3cs10yMZByVPU5rgv+EEs/+h5f/v6P/i6P+EEs/wDoeX/7+j/4uqjgKEZqbqN273Y44LDqSl7Vu3e56hRXl/8Awgln/wBDy/8A39H/AMXR/wAIJZ/9Dy//AH9H/wAXXZyU/wCf8GdPs6P8/wCDPUKK8v8A+EEs/wDoeX/7+j/4uj/hBLP/AKHl/wDv6P8A4ujkp/z/AIMPZ0f5/wAGeoUV5f8A8IJZ/wDQ8v8A9/R/8XR/wgln/wBDy/8A39H/AMXRyU/5/wAGHs6P8/4M9Qory/8A4QSz/wCh5f8A7+j/AOLo/wCEEs/+h5f/AL+j/wCLo5Kf8/4MPZ0f5/wZ6hRXl/8Awgln/wBDy/8A39H/AMXR/wAIJZ/9Dy//AH9H/wAXRyU/5/wYezo/z/gz02SGKXHmxo+Om5QcVXk0uylfc9uufYkfyrzr/hBLP/oeX/7+j/4uj/hBLP8A6Hl/+/o/+LrOWHw8/iafyIlh8PL4pJ/I9DtdKgtLozQl8kEbSeBmrtedJ8L5ZI1ePxVeMjDKsqkgj1+9Tv8AhVk//Q0X3/fJ/wDiqKeHoUlywlZejCGHw8FaM7fJnodFeef8Ksn/AOhovv8Avk//ABVH/CrJ/wDoaL7/AL5P/wAVWnJT/n/Bl+zo/wA/4M9Dorzv4VNOtxr1vPcy3H2edI1aRiehcd+nSvRKipDklymVWn7ObjcKKKKzMwooooAKKKKACiiigArM1vw7pXiOCCHWrRbpLeZZogXZdrjoflI/LpWnRQBmL4c0lPEh19bNRqZg+zmfe33M5xtzt/HGfeoLnwhod3Ffx3FgHTUZVluh5rjzHHQ8Hj8MVtVzOpeNoNJsNUvL7S9Qih06dYSzxBRPn+KMk4K+9H9f18wNmDR7C21e51SC3CXl0iRzS7mO9U4UYzgYz2FYXjPwnouq6XqOpXtmWvo7CVEuEmeN0UKTgMrAgevqODkVqWfiK2vfE1/okcUqz2MUUsjsBtYSAkY5z2qh4g12Bjq+hCOT7QukTXRkwNm3G3HXOcn0q6aTqRXn/wAP+pnUdqcn5f8ADfoZfh3wpolz4dTSJbBPsUaKyIjsrI3XcHBDBv8AaBz7102j+HtN0ISf2dFKHlxvluLiSeRgOg3yMzYHpnHJqj4W/wBT/wBsxXQ1L3Za2Rh6v4N0PXLw3OpWs0kjKFkEd3NEkoHQOiMFcdeGB6ml1PwdomrzQzXdrJHNCnlpLa3Mts4T+6WiZSR7HitusyHXYJ/E1zoixyCe2gWdnIG0hjjA5zml5D8xE8N6TGtgI7NVGnMXtsM3yMerHn5ie5bJJ560kvhjRpzqZmsI5P7VUJeh2YiYAEDgnAxk9MVq0UPXcFpsc/pvgfw9pGow39lYv9sgUrHcTXMszqpGCu52Jxjt0FaGtaFp3iGxW01aAzRK4kXZK8bIw6EMhDA89jWhRRuG2xh6j4N0TVVtftltMZLRdkM8V3NFMq9wZUcOR7Emr2k6Np+h2ItNLtxBFksfmLM5PVmZiWY+5JNXqzLnXbe28SWWjPHIZ7yJ5EcAbQF655zQBUvvBWg6jqhv7yzkkmZ1kdBdSrE7AABmiDBGPA5KnoKXUvBeh6tqBvbq2mjuWQI8lreTW/mKOgby3UNj3zW7RQBnx6DpkV5aXUVokc1lEYrcoSBGh6gAHH6VHqnhvSdav7G91O0E9xYMXt33suwnrkAgN06HNalFHW4GPrPhXSNeuIbjUbeX7RCCqT29zLbyBT1XfGykj2JxT08MaPHb2UKWYCWMvnQZkYlZP7xOcsfds5rVoo2DcKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKCQASTgDqTRWP4ts77UfBur2ekvsvZ7OWOBs4w5Ugc/Wpk2otoqKvJJkdv4v0PUpbm10rVba5u4UZjHG+SCBXP+GvEWqavpPhm8vNYtLd7ya5SeCSIBrsKzBVT0IAyaf4Z1rSbrQbHSLbTbiK9tbMo0L2TL9lYJgjcRj2+UnNcvoWn3q6f8Pla1nRob29MmYiPLyXwW9PxqpaPTX/hzO7av6/kekXHjDw9aasumXOr2sV6zBRCz85PQUup+LdA0ad4dU1a1tZYwCySPggHocV5JZ6Cj6HqHhrxLrniOC4uLmQSadZ2UDJcbmyrJIYDyeOS4Ix1FdvZaUE+ImvTPaM+3S4oop5Y8sflwQGx+YFL7Kf8AW1yn8Vv63saHiP4jaD4bl0gXd1G8eqyARyK42qhUnzD6jjH4109tcw3ltHcW0iyQyLuR16MPWvIIYLmw8A+CLy7trhYdO1aR7gCFmaKM+coO0DOOR29K9Ot/Edrc66mlwwXZeS2+0rcGAiIrkDG4/wAXPTFVpr6/pcXb0/WxrUUUUhhRRRQAUUUUAFFFFABRRRQByNz8TPDlpdS28084khcxuBCTyDg1H/wtTwx/z3uP+/BrE+H+n2V/4l8UfbrSC52XQ2+dEH25eTOMjjpXef8ACPaL/wBAiw/8Bk/wrqnGlCXK0zsqRoU5crT+857/AIWp4Y/573H/AH4NH/C1PDH/AD3uP+/Brof+Ee0X/oEWH/gMn+FH/CPaL/0CLD/wGT/CovR7P7yOah2f3/8AAOe/4Wp4Y/573H/fg0f8LU8Mf897j/vwa6H/AIR7Rf8AoEWH/gMn+FH/AAj2i/8AQIsP/AZP8KL0ez+8Oah2f3/8A57/AIWp4Y/573H/AH4NZ+sfEnw7e2sCQTTlku4JWzCR8qSKx/QGux/4R7Rf+gRYf+Ayf4Vl6/oekxWdqYtLskJvrZSVt0GQZlBHToRWlN0udWTM6ksPyO8X9/8AwCl/wtTwx/z3uP8AvwaP+FqeGP8Anvcf9+DXQ/8ACPaL/wBAiw/8Bk/wo/4R7Rf+gRYf+Ayf4Vnej2f3mnNQ7P7/APgHPf8AC1PDH/Pe4/78Gj/hanhj/nvcf9+DXQ/8I9ov/QIsP/AZP8KP+Ee0X/oEWH/gMn+FF6PZ/eHNQ7P7/wDgHnI16x8R/GHR7vTWZ4VhMZLpt5CyE8H6ivS73SNO1KNY7+yguEU7lWSMEA+tJBo2l20yzW2m2cMq/deOBVYfQgVdpVKik1y6WJq1VJrk0srHKXnw28M3kzy/YTAzDAELlFXjqFHFY/8AwrC50799oHiG7trk/KzucAr3Hy89QK9DooVaouoRxFVaXPPP7N+I2mf6PZalb38Q+bzpiCxJ7fNzR/wn3iPT/wB9rnheWK1HBaMMDu7da9Dop+1T+KK/Ir26fxQT/A4e1+K2iPETqEN1ZS54jaMtkeuR/niuhsvFWh6hMkNnqltJK4yEEgz0zVy60rT72US3tha3EgG0PLCrnHpkiudvfhn4YvIHSOye1djnzYZW3DnPAYkfpR+5fdfiF6EujX4nVpIkozG6uB3U5p1eeP8AC2a0IXQPEd9Ywty6MSdzevylR09qaLL4kaT+9jvrXUoYOFgYDdKvQZ+UHPf734mj2UH8Ml89A9jCXwzXz0PRaK88/wCE78T6X8uveFnd5OY/spIAHfP3v6VdtfiroUsscN7HdWcx4lEkeVibuCc54PtSdCp0V/QTw1XdK/pqQ/F7/kTYP+v1P/QHrtbH/kHW3/XJf5CvN/iT4j0jXPCKJpV9HcvHeRllXIIBV+cGvSLH/kHW3/XJf5CqmmqUU/MqpFxoxT7v9CegkKpLHAHJJ7UVmeJf+RU1b/rym/8AQDXLJ8sWzmirtI0lYMoZSGB6EHrS1g+Czt8C6UQM4tV4rin+JeqWfiPS7S5utHvor+9Fq9tY28xNvkFgftBYxyEbcEBRye2MVpy+/wAiJTvDmPU6M5rzm38b63d609uL3RbGRZ2RdKv7aaKZ0D7crcF9jE5DAKh6ge9XPhtLrM1x4hbWL2C5RdSkRBHE4KEY4yzt8voMVK1/r0/zG9Py/P8AyO6orgL/AMT+Kpta8SW+jDSobbRNpDXUEkjTgxK5X5ZF2nk88/SorXxr4hij8Parq8WmrpetnZ9mgifzrc+U0gbzC+1x8h42jqOeORbX9Px2G09v60PRKK8qsPirfXlza3qrby2NzciL+z4tOuTcIhbbv87PlnHUjb0HWtB/G+syeILm1W80bTjDcvFHp+o28ySTIrbdwuN4T5h8wAU4yBzQI9ForzzVPGusw+IrqxS80fR/JcJDDqdrMwuvlDEi4DqiA8gAgn5SeelSeKPGOr6VMqwaholifIDiGW3mvZJWxngRMpRf9og5pXsrjtrY7+ivO9J8c674rh09fD8NhazNpcWoXbXcbyqS44jQK6kdPvEnqOKz/wDhaeovp+j28sdnp+p34uZJ5XtZrmGBIpfL2hIyGYkkc5A4PsKppp2/rr/kxdLnqlFc34J8ST+JNHllvIdlxbzGF5EgeKObHR0V/mAPoc/WuefxvrMniC5tVvNG05obl4o9P1G3mSSZFbbuFxvCZYfMAFOMgc9aXWwdLnotFcanjC/Oj+LrpoLYSaJI6wKAxDYhV/m555J6Y4qrb+KfEviC7lt/DaaXE9laxS3H2yORhNI65CKVcbB1+Y7vpR/wPxDY7yiuS1XXdduPEw0Hw6thBdQ2a3dxLeo8qDcSFRQrIeqn5s/hWf4o8dX+h3uk6O32Sz1K8t2uLm4ktprqGEJtBCpHhmJZhgkgAA9aP6/r7g/r+vvO9orzUfEXVZvD0MyW8VvN9ra2n1CTT7hoFABIkEIIkIbGAN3BPU1bfxnrMPhdr6OfR9T3TpGmoWEcjxRowzveAMXGOm3fk9eOlAHfO6xoWdgqjkknAFIkiSoHidXU9GU5BryPxXreua54AvEi1fQb2B7m1Rp7WCRSVaYKY3haQsvIGSW5G4YHWut8Oarc2t5quiG2sIYtItYWiFnAYkJZST8u44HHSjZNvoPtY7DevmbNw34ztzzilrxux8V6vd6lH4nt7W2e9l8O2tzLAFbZgyOWC85GAeMk9K9E0nxFJrXiS4t7JYm063tIpWmwdzSSZIUHOMBRk8fxCq5WtPX9f8hPT8P0/wAzoKK4TxH4v1Sw8TPpsF7pmjQqqeVPqdnNMlwzejo6LHg8fMT1qjrHxFv7fUbXS4JdOsrv7El1cXDW89/CS2cLH5W044zuJ6EcVF9LjtZnpNGcda82s/HviHXL/Q7DSLSztJtQt7l55b23lIjaF0XcqblJVt3QkHkc8c5j+IfE2s+J/DsLXVjay2+qT2lyscEhjmKITu2+Z0x0Bzg4OTVJNtLv/wAMLo3/AF3PXKCcdaxvFGqXOk6K9xZzWNvJuC+dfsfKjHrtBBY+igjPrXlmteONf1vRdV0+11KwMtlc2DreW9hcW4kSWbaV2PJuHKjJyQQSPektXZDt1PbKKpWCagoU3s9tInlKMRQsh39zksePb9au02StUFcz8Q/+RIvvov8AMV01cz8Qv+RIvf8AgP8AMUhnL6tqHhLRbwW974VvMtN5MckellkkfsFPfOKuWS+FLzULWxbQPst1dRySxxXVl5bbUKhiQen3xTvH/wDzAP8AsLRfyas/xTpUesfFTQLa4muI4P7Pu2kFvM0TOA8PG9SGAzg8EdPSiOtvV/grjf6frY6j/hFNB/6BFn/35FH/AAimg/8AQIs/+/Irz/Rb+9t/EGk6eb+6e2g1q6tl82dmLIEbarMTlse+TXV+F72S68YeK42uWmigvI0jUyFlj/cpkAduc8etNa/df8v8xNW/r1X6FG5u/CcGq3enw+GLm8ms2CzG00wyKpIyBke1aukab4U1zT1vNO0yzeMkqwMADIw6qw7EelV/Cn/I4+Lf+vqH/wBF1x+uatfW0fiCbQXVLW81aC1Myy+UBk7ZSJAG25zjdg461K1su6X6f5g+/wDXX/I9G/4RTQf+gRZ/9+RR/wAIpoP/AECLP/vyK8+vD4k8MafrDwiKwtWt4ysB1eS/mhcvtMgMihlUr9RkZrufD2jWOjXDiy1W7uGuIEdre5vGn6Z/eDeSwznnB29OKrzEV9bsPCPh3SZtS1bT7KC2hXLExDJ9gO59qj1Oz8OabDBJ/wAIzJeLMNw+x2Hm7R746VX+KmlWN/4B1O5vbaOeW0tpJIDIM+W20jcB0z79qu+J9Uk0nwDJPbkieSFIYsf3nwo/nmp1s2V1Xnf9Cv4dh8J+J7Oa507Q0jSGYwuLiz8shh1GDVXULzwTpuovaXGkRkROqT3CWe6GBm6B36LXTeHtIi0Lw/Z6dAOIYwGbu7nlmPuSSa87uXij+G/juK6K/aPtd0GDdSW+5+fanLR6dPx2FFcyXm/8zotSbwrpurnTR4ckvLlYlldbPTzKEViQMkdOhrZXw34fNqJ20a1Rdm8h4ACoxnkdjXJR6Tei71jV7fxXc293bW0Ims4LeMBGSFTscyKxYE8/KR97rXQeb/afgWTWbyZtOubvSyJZcu6QgqTuEeccZz6+9ErqLt0/4Ngj7zXn/wAApaNJ4V1yRfsnhmdIXUstzPpxSIgd9x4qKw1DwRqN9FbwaSgS4do7e6ks9sM7KcEI/RqqQJe+El0WzGs3Wt2F/G8TwyRRIsaCMtuj2IGHT+ItWBowv10PwTJdzQT6HLcobO0jP+kQ5UmMPJ0k2jggKh9Saqy5tNtha8t/memnwroAGTpFmAP+mQrBgm8H3ul3F/pmiDUIbec27C0svMYsDg4A6j3qz4uS+stFjsdF0+/u4r2423b20nmSxREEtt3uOuNvB43EjpWJ8NtQhstD8QMNOubC3tL6dwsyqMAfw8MeR3qL6Nvov8irbef/AATS0SXwlruq3WnW/h57e6tVVpUu7Dytobp1qzrUHhHQmgiutIglubkkQWtva+ZLLjk7VHJx3pfh3YtH4Wj1W7yb7WWN/cM3XMnKr9FXav4VCrrB8X5vtrKrXGlqliX6EhyZFHv9w4HYe1U01JRe/wDwLkp3Tl/W9v8AglUaj4HGm6jeXGkLanTYzLdW9xZbJkTrnYecVZlbwXD4PXxM+m239mtCs4YWw3bWxj5eueelcr431LVFh8R6Vqj6PdsdGklM9naNFLGM4COTI2R37VHfPu8Pt4XOf3AkviA3WIoJBkem6Qgf7tTe6b9P1v8Al+ZVrNfP9Lfnb7joNS1Twfpdulxc+GLpraQRlLiPTC0bb8BQG9SSB9a2tJ0vw/q1u08fhw2m04C3ll5TH3APasbxP/ySXS/9/Tv/AEdFXep/ql/3RV2tfydvyITuk+6L9v8A8e0X+4P5VJUcH/HtH/uD+VSVJQUUUUAeefC//kK+J/8Ar7X/ANCkr0OvPPhf/wAhXxP/ANfa/wDoUleh1viP4j+X5HTiv4r+X5BRRRWBzBRRRQAUUUUAFFFFABXC+J9avPDXjMXEt3L/AGff6c6RxMxKJcIeCB0BYOPyruqzNb8O6V4jggh1q0W6S3mWaIFmXa46H5SPy6Uho85tNa1uS1sfC0uoXJ1abVo/MuA5Ei22zz2JPodjJ+NVPFl/d3egeN4Lq5lmitdQhSFHckRrxwPSvUV8OaSniQ6+tmo1MwfZzPvb7mc4252/jjPvUFz4Q0O7iv47iwDpqMqy3Q8xx5jjoeDx+GKf9fl+i+9k/wBfn/n+BgaD/wAlh8T/APXlZ/8AoJrF8ZWR1D4ialCdQmtIx4bmdkgk8t5cMCBuHIGeuOvTpXo0Gj2Ftq9zqkFuEvLpEjml3Md6pwoxnAxnsKwvGfhTRdV0vUdSvrMtfR2EqJcJM8booUnAZWBA9fUcHIqqa/eQfZ/nf/Mip/DkvJfhb/I8q0XxPry6RY6PaSXF2Z9SksTcR3AhlljXkASnox6butek+CrXxLZa3qEWrR3EWltGj28V7qIu5kk5DfN12nAIB75pnh3wpolz4dTSJbBPsUaKyIjsrI3XcHBDBvcHNdNo/h3TdCWT+zopQ8uN8s9xJPIwHQb5GZsD0zjrRs2Xulb+tf6RxnjubVNO1/8AtS6m1T/hH7e2y7aVclHtZBkmSSNTmRcAcHgc1AdPHiD4k38kOq31vb/2TFIGtJTC0nTBLLyPpXY6v4N0PXLw3OpWsskjKFkEd3NEkoHQOiMFcdeGB6mr0Oi6db6hJfQWypcSwiB3Vjyg6LjOB+VQlor+f5P/ADHLV/15HmemeJdV1nw74R0u61Oa2fU5riG5vY2KSyLA5UAOOQzYySOeDWjLb6tZeK9S8K6XrV/PBd6NLcxST3LSTWk4ZVUiQnODu6f7NdY/gvw++hR6OdPAsopGliRZXDRuzFiyuG3Kck8gjrVjRvDWlaAZm0y3dZZseZNNPJPK4HQF5GZsD0zinve/n+K/QNtv61/y0PO08Z6jeJouqJeSR2+nRxf2rGGwrMzBW3D2GTS6hqmtXfhPUNYg1S8tBqGuiGzKOf3MCN5Xyjphihb/AIFXdp4J8PR2eqWqaaiwauxe9QSP+9JGCevy/wDAcVZbw1pLaLa6S1mPsNoUMEW9vkKfd5zk/iee9PfV/wBapv8AKyE1pZf1o0vz1Oa0M3ejfE640L+0r2+s5tMF3i8naUpIJApKk9AQ3QccCovFmnPqnxO8P2y3txZq1rPve2fY5GDwGHK/Uc12I0exGuf2wIP9P8j7P524/wCryDtxnHUDnGadLpVlPq1vqUsG68t0ZIpdx+VW6jGcUuiv0v8Arb9AfW3l+n/BPKJvFOu6Z4X1LT7S5uLuWDxCdMiuJZv3whYbsGRu/OAxrX06DxXpVzqjzreW2lnS5nC3uqi8lWdR8rIc5AxnPbpXZt4T0RrO/tX09Gh1GY3F0rMx3yHHzZzlTwOmMUzT/CGi6ZFcJbW8z/aIjDI1zdzTvsPVQ0jMVB9AR0HpU2fLbrb8bW/PUrTm8r/rf8tDz6S91vw/8J7PW01W+1DVdSEEckk1wdkYdgMqrfKpAPWtvwxZeKbHxZD50N7BpMluwnj1DVxeMXBG1kycjqc9uldi2g6Y+hDRpLON9OEflC3fLDb6ZPP41W0fwnpGhTmfT4ZzKV2CS5vJrhkX0Uys20fTGa0uuZshJ8iXUvHVrAawulG7iF+0RmFvu+coDgtj0yRVuoDY2hvhem1hN2E8sT+WPMC9du7rj2qep6FBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHnfw0/wCRl8V/9fQ/9Dkr0SvOD8O9fttUvrrSvEIshdzNIyxBlJBYkA464yak/wCEK8Zf9DjL/wB9v/jXXUjCcubmO6rGnUnzKa6d+x6HRXnn/CFeMv8AocZf++3/AMaP+EK8Zf8AQ4y/99v/AI1n7OH86/Ey9jT/AJ1+J6HRXnn/AAhXjL/ocZf++3/xo/4Qrxl/0OMv/fb/AONHs4fzr8Q9jT/nX4nodZPiP/jxtP8AsIWv/o5K5L/hCvGX/Q4y/wDfb/41S1Xwj4rt7eFrnxVJMrXMKKpZ/lZpFCt17Eg/hWlOnFTT5kZ1KNNwa9ovxPUKK88/4Qrxl/0OMv8A32/+NH/CFeMv+hxl/wC+3/xrP2cP51+Jp7Gn/OvxPQ6K88/4Qrxl/wBDjL/32/8AjR/whXjL/ocZf++3/wAaPZw/nX4h7Gn/ADr8T0OivLbA+INE+Jel6Rqeu3F9HMhkYeY20gq/BB91r1KoqU+RrW9zOrT9m1re4UVFLdQQ7vOmjTaMncwGBWBe/EDw1ZQCQ6nFPltu2D52+uB2qYwlLZExhKXwq50lFcDc/FjTlmxYabeXkWOJVXaM+mDUX/CQePtT/wBHtNCj0+Q/MJpVOMDt83Fa+wn109TX6tU+1p6nodRXN3b2VuZ7yeO3hXGZJXCqM+5rgf8AhHPHmqfv77xCthIPlEUBIUj1+XjPP6VLbfCbTVuBJqF/d3inJeNm2hj65HPWj2cF8UvuH7Kmvin92puX3j3wzp8qxz6tC5ZdwMAMo/EoCBWDL8WbKeR7fRtLvb26JIhQKMSY78Et0yelbtj4B8NWMbImlwzBjnNwPMI+hNb8VvDAiJDEiKgCqFUDAHai9FbJsOahHZN+uh5+PEnj3V/n0nw8tksfDi64LE9Mb9v6Zqu/gbxXrDl9Y1SzgiujunijjBZM8kD5cHH+9+NemUUe2a+FJB9YcfgikeK+Mfh/beFPDovUvZLqWS5SNcoECgqxPc56CvY7H/kHW3/XJf5CuK+L3/Imwf8AX6n/AKA9drY/8g62/wCuS/yFVVnKdOLl5l1qkqlKMpPW7/QnqtqNmNQ0u6smcxi4heIuBnbuBGcfjVmiuVpNWZyJ2d0cno3hfXtLtLewn8SQ3Onwp5ZhXThG7L/v+YcH3xWND8K7lYNEtJvERay0O5W4tYY7FYySqsvzsG+Y4brgd/WvRaKq7TuLpY43UvA99rEyQ6rrq3enRziZIpLFTOuGDhRNu45A6L0GPetXQfDb6DqWpSw33m2l9MZxbmLBic9fnzyPbFbtFJaA9Tn08Kol3r8/2pidaxuGz/VYjCcc89M9qgfwVDJpPh6we7YpokiuCY/9diJo8EZ44fPfpXT0UdLen4bDu/68zkdL8Gajo7xWlj4jmj0eGbzEs1tx5gGc7PN3fdz229KZrHgi+1tpLXUNdWfS3lMggmsVeZATnas27jnp8vTiuxooEcjrXg3UNXjuLI66v9lXAw9rc2Kzsg27TscsNvHTgkEk1Xl+Hs8OoXEuj649jBdW6W86m2EkuxRj5JCw2nHsa7aijcDye70N/A50600y41eOaHTFs2vrbSHvI7lVztUrGSY3GfvHjn2rR8N+Ar6Lwzod2l/LpeuWQn/fSxCXdHLIXKSJkZP3T14Ir0eind9f63/zAz9GsLvT7Hy9Q1KTUbhmLPM6BBk9lUZwPbJrntY8EX2ts9tqGurPpbymQQTWKvMgJztWbdxz0+XpxXY0UutwOJ1H4fXNwdXg0zXnsbDWF/0qD7MJH3bNmVcsMZAXIwenvUx8DXdncGbQNdfTpJrZLe6Y2wk8wIMBl+YbWx35rsKKAOZ1LwnczanDqWjazJYX6WwtZZpYBP50Y5BIyvzZJOffpTNQ8HT3E2mX9jrM1vrGnxtCL2aIS+cj4LK6ZGeQCOeMV1NFAHOHw/ra6bEkXieb7eshd55LZXifPVfKyOPQbuPeqen+B7nTLW8kstZ+zandzrNJcW9oscJKqFA8kHGMAZ+bk8119FAHDN8NhcxX0moamj319JbmSa2sxCm2GXzANgY5JOctnv7Ve1Dwbdza1dX+k602ni+hWG8j+zCQuFGAVO4bDjvg11dFG6sO7OH07wZaeELFbqa5ub6K10hNOaKK1Z3kVc/MFTJJO7oBVz4ceHX8O+FfLuN/n3U73DiT7yqThFPphAox2rrKKd3dvv8A8P8AmJ/1+RzeueHNV1Seb7HrkcNpOoElrd2K3KAjuuWXH61nxfD06T9gk8Las+m3FpZrZM8sInWaNfu5XcvIyec12lFLYDnLXwnJFr2matd6rNeXFjazW7GVB+9MrIxPHQDZgDng9az2+HxjvI7yy1UwXUepSX6O1uHA3jDIRuGRgnmuzop3/r53/MOlv67GH4q8N/8ACS2NvFHd/ZJrW4W4ikaESruH95CRkc+tc7L8M57ttWuNQ1+S4vNSjt1Mv2YKsLQyF0Kru6Z/hz68131FLYdylY219b7ReXyXKiNVwsHl/MOrdT19Ku0UUC2CuZ+IX/IkXv8AwH+Yrpqo6vpUGtaa9jdFhDIRu2nBIBzigCneadaah5P22BZvIkEse7+Fx0P60SadaS6lDqEkCtdwxtHHKeqqxBYfjtH5Vo/Y/wDpq35Cj7H/ANNW/IUAYFz4V0S8tZba406J4pZjcOMkEyHq2Qcg/Sp9K0HTNDWUaVZpbecQZNpJLkAAEk9TgCtj7H/01b8hR9j/AOmrfkKNg3OZvvBHh7UdQmvrvTg9zMQZJFldC+BgZ2sKvnQ9MOjtpZsofsLLtMG35SP8961/sf8A01b8hR9j/wCmrfkKOlg63MDT/CuiaXBPDZafGiXA2yhiXLj0JYk49qfpHhvSNCaRtJskt2lADsGLEgdBkk4HtW59j/6at+Qo+x/9NW/IUAZ99Y22p2M1nfwrPbzKUkjbowPam3emWd9bR293brLFEyuiN0BXofwrS+x/9NW/IUfY/wDpq35CgCvWRdeFtEvdVXUrrT4pLtSCJCTyR0JGcH8RW/8AY/8Apq35Cj7H/wBNW/IUeYGDqPhbRtWvlvNQsVluFAAfey5A6ZAIB/Gro0+1E7TCFd7ReSfQp/dx0rR+x/8ATVvyFH2P/pq35CjyAwNM8LaLo9y9xp1ikUrAgsXZsA+mScfhTLLwhoOnakb+y02KK5LMwYFiFLHJIUnA/AV0X2P/AKat+Qo+x/8ATVvyFAFG2tIbONktk2KzlyNxPJ69arromnJaXdqtoghvGZ7hBnEhb7xP1rW+x/8ATVvyFH2P/pq35CgCnBBHbW8cFugjiiUIiDooAwBVXVNG0/WrYQapapcRg5XOQVPsRgj8K1vsf/TVvyFH2P8A6at+Qoeu4LTY5238IaBa6dc2MOmQi3ulKzqxLGQHsWJzj8ast4f0p7iSdrGIyyW4tnfHJiGcL9OTWz9j/wCmrfkKPsf/AE1b8hQBl3GkWF1psdhcWySWsRQpEc4XYQV/IgflVvGFwOmKs/Y/+mrfkKPsf/TVvyFAEsH/AB7R/wC4P5VJSIuyNVHO0YpaACiiigDzz4X/APIV8T/9fa/+hSV6HXnnwv8A+Qr4n/6+1/8AQpK9DrfEfxH8vyOnFfxX8vyCiiisDmCiiigAooooAKKKKACiiigAooooAKzvEX/Ir6r/ANec3/oBrRrO8Rf8ivqv/XnN/wCgGtKfxr1M6nwP0M/wt/qf+2Yroa57wt/qf+2Yroah7lrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArJ8R/8eNp/2ELX/wBHJWtWT4j/AOPG0/7CFr/6OStaP8RGVb+GzWooorI1CiiigDznxjo/iGTx/ZaroFn5vlWwjWZiNqMS4JIz2DZpf+EV8dat+61jxKttEnzI1sOSfQ7QnH416LRW/t5JJJLQ6ViZKKSS08jgIvhNYz7Zta1W+vbrPzybwAwHQcgnpx1roLLwN4asJzLbaRDvK7f3paQY+jEjt1rfoqZVqkt2RKvVlvIitrW3s4fKs4IoI852RIFGfoKloorIxCiiigAooooAKKKKAOD+L3/Imwf9fqf+gPXa2P8AyDrb/rkv8hWF458N3PijQY7GyliikW4WUtKTjAVh2B9a55PCvj+NFRPE8AVRgDc3A/74rpSjKmle1rnWlGdJRckmmz0WivPP+EY+IP8A0NEH/fTf/EUf8Ix8Qf8AoaIP++m/+IqfZR/mRPsY/wA6/E9Dorzz/hGPiD/0NEH/AH03/wARR/wjHxB/6GiD/vpv/iKPZR/mQexj/OvxPQ6K88/4Rj4g/wDQ0Qf99N/8RR/wjHxB/wChog/76b/4ij2Uf5kHsY/zr8T0OivPP+EY+IP/AENEH/fTf/EUf8Ix8Qf+hog/76b/AOIo9lH+ZB7GP86/E9Dorzz/AIRj4g/9DRB/303/AMRR/wAIx8Qf+hog/wC+m/8AiKPZR/mQexj/ADr8T0OivPP+EY+IP/Q0Qf8AfTf/ABFH/CMfEH/oaIP++m/+Io9lH+ZB7GP86/E9Dorzz/hGPiD/ANDRB/303/xFH/CMfEH/AKGiD/vpv/iKPZR/mQexj/OvxPQ6K88/4Rj4g/8AQ0Qf99N/8RR/wjHxB/6GiD/vpv8A4ij2Uf5kHsY/zr8T0OivPP8AhGPiD/0NEH/fTf8AxFH/AAjHxB/6GiD/AL6b/wCIo9lH+ZB7GP8AOvxPQ6K88/4Rj4g/9DRB/wB9N/8AEUf8Ix8Qf+hog/76b/4ij2Uf5kHsY/zr8T0OivPP+EY+IP8A0NEH/fTf/EUf8Ix8Qf8AoaIP++m/+Io9lH+ZB7GP86/E9Dorzz/hGPiD/wBDRB/303/xFH/CMfEH/oaIP++m/wDiKPZR/mQexj/OvxPQ6K88/wCEY+IP/Q0Qf99N/wDEUf8ACMfEH/oaIP8Avpv/AIij2Uf5kHsY/wA6/E9Dorzz/hGPiD/0NEH/AH03/wARR/wjHxB/6GiD/vpv/iKPZR/mQexj/OvxPQ6K88/4Rj4g/wDQ0Qf99N/8RR/wjHxB/wChog/76b/4ij2Uf5kHsY/zr8T0OivPP+EY+IP/AENEH/fTf/EUf8Ix8Qf+hog/76b/AOIo9lH+ZB7GP86/E9Dorzz/AIRj4g/9DRB/303/AMRR/wAIx8Qf+hog/wC+m/8AiKPZR/mQexj/ADr8T0OivPP+EY+IP/Q0Qf8AfTf/ABFH/CMfEH/oaIP++m/+Io9lH+ZB7GP86/E9Dorzz/hGPiD/ANDRB/303/xFH/CMfEH/AKGiD/vpv/iKPZR/mQexj/OvxPQ6K88/4Rj4g/8AQ0Qf99N/8RR/wjHxB/6GiD/vpv8A4ij2Uf5kHsY/zr8T0OivPP8AhGPiD/0NEH/fTf8AxFH/AAjHxB/6GiD/AL6b/wCIo9lH+ZB7GP8AOvxPQ6K88/4Rj4g/9DRB/wB9N/8AEUf8Ix8Qf+hog/76b/4ij2Uf5kHsY/zr8T0OivPP+EY+IP8A0NEH/fTf/EUf8Ix8Qf8AoaIP++m/+Io9lH+ZB7GP86/E9Dorzz/hGPiD/wBDRB/303/xFH/CMfEH/oaIP++m/wDiKPZR/mQexj/OvxPQ6K88/wCEY+IP/Q0Qf99N/wDEUf8ACMfEH/oaIP8Avpv/AIij2Uf5kHsY/wA6/E9Dorzz/hGPiD/0NEH/AH03/wARR/wjHxB/6GiD/vpv/iKPZR/mQexj/OvxPQ6K88/4Rj4g/wDQ0Qf99N/8RR/wjHxB/wChog/76b/4ij2Uf5kHsY/zr8T0OivPP+EY+IP/AENEH/fTf/EUf8Ix8Qf+hog/76b/AOIo9lH+ZB7GP86/E9Dorzz/AIRj4g/9DRB/303/AMRR/wAIx8Qf+hog/wC+m/8AiKPZR/mQexj/ADr8T0OivPP+EY+IP/Q0Qf8AfTf/ABFH/CMfEH/oaIP++m/+Io9lH+ZB7GP86/E9Dorzz/hGPiD/ANDRB/303/xFH/CMfEH/AKGiD/vpv/iKPZR/mQexj/OvxPQ6K88/4Rj4g/8AQ0Qf99N/8RR/wjHxB/6GiD/vpv8A4ij2Uf5kHsY/zr8Q+F//ACFfE/8A19r/AOhSV6HXJeBfCl/4ZOovqdzDcSXjo+6InqN2c5A/vV1tKs1Ko2icRJSqtx/rQKKKKxMAooooAKKKKACiiigAooooAKKKKACs7xF/yK+q/wDXnN/6Aa0azvEX/Ir6r/15zf8AoBrSn8a9TOp8D9DP8Lf6n/tmK6Gue8Lf6n/tmK6Goe5a2CiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKyfEf/Hjaf9hC1/8ARyVrVk+I/wDjxtP+wha/+jkrWj/ERlW/hs1qKKKyNQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACs7xF/yK+q/9ec3/AKAa0azvEX/Ir6r/ANec3/oBrSn8a9TOp8D9DP8AC3+p/wC2Yroa57wt/qf+2Yroah7lrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArJ8R/wDHjaf9hC1/9HJWtWT4j/48bT/sIWv/AKOStaP8RGVb+GzWooorI1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiorq5js7SW4mJEcSF2IGeBWD/AMJ1on/PWb/v0awqYilSdqkkvU3pYetWV6cW/Q6Oiuc/4TrRP+es3/fo0f8ACdaJ/wA9Zv8Av0az+vYb/n4vvNfqGK/59v7jo6K5z/hOtE/56zf9+jR/wnWif89Zv+/Ro+vYb/n4vvD6hiv+fb+46Oiuc/4TrRP+es3/AH6NH/CdaJ/z1m/79Gj69hv+fi+8PqGK/wCfb+46Oiuc/wCE60T/AJ6zf9+jR/wnWif89Zv+/Ro+vYb/AJ+L7w+oYr/n2/uOjornP+E60T/nrN/36NH/AAnWif8APWb/AL9Gj69hv+fi+8PqGK/59v7jo6K5z/hOtE/56zf9+jR/wnWif89Zv+/Ro+vYb/n4vvD6hiv+fb+46Oiuc/4TrRP+es3/AH6NH/CdaJ/z1m/79Gj69hv+fi+8PqGK/wCfb+46Oiuc/wCE60T/AJ6zf9+jR/wnWif89Zv+/Ro+vYb/AJ+L7w+oYr/n2/uOjornP+E60T/nrN/36NH/AAnWif8APWb/AL9Gj69hv+fi+8PqGK/59v7jo6K5z/hOtE/56zf9+jSjxzopIAll5/6ZGj69hv8An4vvD6hiv+fb+46Kiiius4wooqs14q6ktnsO5o/M3Z464xScktylFy2LNFFFMkKKjhniuI98DrIuSMqe4ODUlJNNXQ2mnZhRRRTEFFFFABRRRQAUUUUAFFFR+fEbgwb180Lu2Z5x60rpDSb2JKKKKYgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACs7xF/yK+q/9ec3/oBrRrO8Rf8AIr6r/wBec3/oBrSn8a9TOp8D9DP8Lf6n/tmK6Gue8Lf6n/tmK6Goe5a2CiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKyfEf/AB42n/YQtf8A0cla1ZPiP/jxtP8AsIWv/o5K1o/xEZVv4bNaiiisjUKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAzvEH/Iuah/17v/AOgmsnwfp9lP4XtpJ7SCVyXyzxKSfmPcitbxB/yLmof9e7/+gmqPgn/kU7X/AHn/APQzXnTipY1Jr7L/ADR6UJOOAk0/tL8man9k6d/0D7X/AL8r/hR/ZOnf9A+1/wC/K/4Vbort9lD+VHD7Wp/M/vKn9k6d/wBA+1/78r/hR/ZOnf8AQPtf+/K/4Vboo9lD+VB7Wp/M/vKn9k6d/wBA+1/78r/hR/ZOnf8AQPtf+/K/4Vboo9lD+VB7Wp/M/vKZ0vTFGWsbQD3hX/Cm/wBnaV/z52f/AH6X/Cpr3/Vp/v8A9DVXaPQflR7KH8qD2tT+Z/eSf2dpX/PnZ/8Afpf8KP7O0r/nzs/+/S/4VHtHoPyo2j0H5Ueyh/Kg9rU/mf3j2sNIRCz2lkqqMkmJOP0pLax0i8tYrm2s7SSGZA8biBfmUjIPSs/WwP7BvuB/qH/lVrwp/wAido//AF4w/wDoAo9lD+VB7Wp/M/vLf9k6d/0D7X/vyv8AhR/ZOnf9A+1/78r/AIVboo9lD+VB7Wp/M/vKn9k6d/0D7X/vyv8AhR/ZOnf9A+1/78r/AIVboo9lD+VB7Wp/M/vKn9k6d/0D7X/vyv8AhR/ZOnf9A+1/78r/AIVboo9lD+VB7Wp/M/vKn9k6d/0D7X/vyv8AhXK+O7K1tbGza2toYWM+CY4wuePau1rkfiF/yDrL/r4/pXDmFOCws2l/Vz0MtqTeLgm3/SOurEtYDca7qEk00zJA6eXEJCFBxnoDz9OlbdRxwRRSSSRoFeQguR/Fiu2pT53F9jhp1ORS81+qOeiUXehzalNdzJcjcwYSsFjI6DbnH5ilUG/1fT/tsjRPLYhnRG2Fj3GRyPwrYfSbF5/Oa2UuTk8nBP06U+40+1umDXEKuwXaD0IFcv1adle3T52vq/X+rnX9ahd2v1+V+i/pHPreTpai0+0SCBr/AOz+eWywTbnG768Zq60AtNahtLeWVoLiJvNjeVmIwOGBJyK1BYWos/svkL5H9zFFtp9rZljbQhC3U5JP6044eaa5nfbX5behMsTBp2Xf5+b8zK8LWsUWnvIm/eZpFO6RiOHPYnFOuIjd+KTbyzTLALUOY45CoJ3Y7c1pwWNtbTSSwRBHkOXIJ5P0qT7PELo3GwecV2b++OuKuNC1OEH0389LESxCdWVTXX8DlUaZPD4vzdTvPDOFQtIcbQ2MEdD+OTWoFGpa1ew3UsqpbhRHGkjR8FQS2VIzz/KtH+z7T7KbbyF8ktuKds5zmkudNtLyQPcQh2AxuyQcfhWccPOKXXa67uzNJYqEm3qt9e17f5P7zCimuRZxXZuJJEs7wx7t3+siPy8+uCevtRe3l0be7vbeRgkkyQR/PhQmcFh1xn1xXRfZYPsptvLXySu0pjjFNWyt0s/sqwr5GNuzHGKbw07WUun42t+QLFU73cev4Xv+ZjwW17bXTthYIDA26M3jTEnsRuGRVFY5U0jTLpby5E89wsbv5pOVORjB4/HGa6ODTbS23eRCF3DB5J4/GnfYLXyIofJXy4WDRr/dI70vqsmlr/V0+y6DWLint/Vn5sw5559Mn1SKzeRxHbCVBI5cq3rk5p1nb3y3FnPHtjRv9YzXrSecCOykYB78Yrd+yw+e83lr5ki7Wb1HpUNvpdnay+ZBAqMOhyTj6U1h5qSd9Py1b7dtOhP1qHK1bX89Ld/8zn3WRdFvNQ+03BnhuD5eZTtUBxxjoR9c1bSzil8Wb38zcbYPxKw5yPQ9PbpWwbG2Ns9uYV8qRtzJ2JzmiWwtppo5ZIgZIuEbJBFKOFa5dna33q93+K+4f1tO+6vf7na35Fiiiiu888KKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArO8Rf8AIr6r/wBec3/oBrRrO8Rf8ivqv/XnN/6Aa0p/GvUzqfA/Qz/C3+p/7ZiuhrnvC3+p/wC2Yroah7lrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArJ8R/8eNp/wBhC1/9HJWtWT4j/wCPG0/7CFr/AOjkrWj/ABEZVv4bNaiiisjUKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAzvEH/Iuah/17v/6Cao+Cf+RTtf8Aef8A9DNXvEH/ACLmof8AXu//AKCao+Cf+RTtf95//QzXny/35f4X+aPRj/uEv8a/Jm/RRRXoHnBRRRQAUUUUAV7z/Vp/v/0Nc1401O60bwXquo2DhLm2tnkjZlDAMBxwa6W8/wBWn+//AENZmp6dbavpdxp9/H5ltcxmORc4ypGDyKTvbQqNlJXOV8S+JNS0280qO0lVVubK4mkygOWRFKn25JrO0bXfElpb+GdS1vUo76DW3EEtsluqCFmjZ1ZSBk/cOQfWr118PxHbG6fV9V1W8tbSWC1W6eLAVlxtwiKD06nn1NL4N8DDS9O0efVLzUJ5rGAeTZXMiGO0kZcMV2qCTyR8zNjJxirVrv8Arq/0t6EfZS/q/c6jW/8AkA33/XB/5VZ8Kf8AInaP/wBeMP8A6AKra3/yAb7/AK4P/KrPhT/kTtH/AOvGH/0AVIzWooooAKKKKACiiigArkfiF/yDrL/r4/pXXVyPxC/5B1l/18f0rgzH/dJ/11PQyz/e4f10OuoorDhjXUdQ1A3c80Zt3CRqkpQIMZ3YHB/HPSuqc+VpJas5KdPnTbeiNyisTaL/AFue1uZpfKgjUxokhTdnq2VIzVF5rg6bNAt1KUivhDFMrfMU9M98dM+1YvE21t3/AAdjeOF5tL66fidQSFUljgAZJpsM0c8SywuHRhkMOhrCMPlatd2CyTNA9n5hVpWJ3A4yDnI/CqccP2fwXHJaSyxSybAXEjHHzdgTxU/WZJt20Sf4OxSwsWl727VtO51lRzyiC3kmIyI0LEDvgZrHvYRbXFjp6TTJDcMxkcysWcgDjdnIz7YqKUNaX19ZwSu9ubJ5GR3LmNug5OTyM8e1VPENJ6eXztf7v6sTHDp2d/P5Xsbdnci8s4rhVKiRQwB7VNXLrHMdN0+Ub5raOAeZDFMY3H+1xjOPQmuhsZkuNPgmiZ3R41ZWcfMRjv71pSq87sya9FQ1W138ieiiitzlCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACs7xF/yK+q/9ec3/AKAa0azvEX/Ir6r/ANec3/oBrSn8a9TOp8D9DP8AC3+p/wC2Yroa57wt/qf+2Yroah7lrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArJ8R/wDHjaf9hC1/9HJWtWT4j/48bT/sIWv/AKOStaP8RGVb+GzWooorI1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAM7xB/yLmof9e7/APoJqj4J/wCRTtf95/8A0M1e8Qf8i5qH/Xu//oJqj4J/5FO1/wB5/wD0M158v9+X+F/mj0Y/7hL/ABr8mb9FFFegecFFFFABRRRQBmazpt7qUcSWOpGwCMWYrCHLenUjHesn/hF9a/6Gib/wFX/4qupooA5b/hF9a/6Gib/wFX/4qj/hF9a/6Gib/wABV/8Aiq6migDk5vCWrTwvFL4mlZHUqym1XkH/AIFXRaXYjTNItLFXMgtYUhDkY3bQBnH4VaooAKKKKACiiigAooooAK5H4hf8g6y/6+P6V11cj8Qv+QdZf9fH9K4Mx/3Sf9dT0Ms/3uH9dDrqqz6ZZ3U3mzwKz4xnJGfrjrVqiu2UYy0krnDGUou8XYrXGnWl2VM8CsVGAckED8Kd9htvs6QeSvlIQVX0I71PRS5I3vYftJ2tcj+zQ/aTceWPNKbC/fb1xUCaVZRxNGluoR2DMuTjIq3RRyRfQFUmtmRXFrDdxeXcxiRc5we1Rw6fa28LxQwqqSDDjk7vxqaSeKEEyyKgAydxxxWTc+LdFtow5vUlycYi+Y/lWdSdGD5ptL1sa04V6i5aabXlcuy6TYzIiSW6lY12qASMD0q2iKiBUAVVGAB2rk38dLNI0Wm6dPO7HbE3Zj24qle+KPEENxapcWS2KySBclM7+RxzXG8fhYXlHX0X6nasvxc7Rnp6v9DuqKKK9M8oKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKzvEX/Ir6r/15zf+gGtGs7xF/wAivqv/AF5zf+gGtKfxr1M6nwP0M/wt/qf+2Yroa57wt/qf+2Yroah7lrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArJ8R/8AHjaf9hC1/wDRyVrVk+I/+PG0/wCwha/+jkrWj/ERlW/hs1qKKKyNQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDO8Qf8i5qH/Xu/8A6Cao+Cf+RTtf95//AEM1e8Qf8i5qH/Xu/wD6Cao+Cf8AkU7X/ef/ANDNefL/AH5f4X+aPRj/ALhL/GvyZv0UUV6B5wVS+1TEnGzGSOh/xq7WaO/+8f50AS/aZv8Apn/3yf8AGj7TN/0z/wC+T/jXGab41jhtdTn12UKINSe0t44IWeSTB4VUXLM30FUPE/xFgg0S1l0FrkXF1ei0Yvpszvbnvvi2hg3TCnBIORR/wPxHb+vQ9C+0zf8ATP8A75P+NZWt6xeWc2mRwsii5voopCF52lhkc+vSsPwX4wbxJd6pZyw3CyafKIvNlspYBINoJJDqNpyfu5zjnvV7xL/x+aF/2E4f/QhTEdexwpI7CqYupiAf3f8A3yf8atv/AKtvoaztwWLc3QLk0gJvtM3/AEz/AO+T/jR9pm/6Z/8AfJ/xrj/+E90bUII5NOv54o2njjFy+nStE5ZwuwMVC5JOOvHWp774g+HdOvJre6u5V8iUQyTLayNCJM48vzQuzdk425z19KdmB1P2mb/pn/3yf8aPtM3/AEz/AO+T/jXAWnxHs7XVtbtdceYJY3gjR7eylkWGMopDSsikIMk8tjofQ1paL4zi1nxjqeixW86pZojRzG3kCyZGSdxXaPbnntSWu3qD0NbxNrN7p2j+datGkjSom7bnALc9a6SuO8af8gBf+vmL/wBCrsaACiiigArkfiF/yDrL/r4/pXXVyHxDONMsz6T/ANDXBmX+6T/rqejln++Q/rodfRXmU/jXVb2TyxcR2UTPkOqElB6EjJP5VbtrSHVovtF/4rVZQdgG7ZwPZtp7+lc0c1hUdqUb+rS/M6JZTUprmrSt6Jv8kdnda5plkoa4vYVBOBht3P4VkXnjvS4GdLZZbqQY27FwrH0yef0qS28E6NDIspSSfjpI+Vb3rYt9MsbWJY7e0iRF5A2A4rotjZ9Yx/F/ojnvgafSUvuS/VnNf8JNr9//AMgrQ9gT7/nknOemPu+/rTX03xdqYH2m+jtIZWBZIzhox6DAz/49XY0UfU5T/i1JP8F+ALGxh/CpRX4v8Tkk8Bxzjdqup3V1KOFYHGB6fNmte08L6PZMGisY2bbtLSZfPvg8ZrWorWngsPTd4wV/v/MyqY7E1FaU3by0/IZDBFbx+XbxJEmc7UUKPyFc74y0y+1CKyl06ITPbyFimcE9MfyrpaK0rUY1qTpPRPsZUK8qNVVVq13OQ/tbxj/0B7f8v/s6P7W8Y/8AQHt/y/8As66+iuf6nP8A5+y/D/I6vrkP+fMfx/zOQ/tbxj/0B7f8v/s6P7W8Y/8AQHt/y/8As66+ij6nP/n7L8P8g+uQ/wCfMfx/zOQ/tbxj/wBAe3/L/wCzo/tbxj/0B7f8v/s66+ij6nP/AJ+y/D/IPrkP+fMfx/zOQ/tbxj/0B7f8v/s6P7W8Y/8AQHt/y/8As66+ij6nP/n7L8P8g+uQ/wCfMfx/zOQ/tbxj/wBAe3/L/wCzqtfeJ/E2mQrNfabbQxs20MVJyeuOG9q7iuU+If8AyAIP+vlf/QWrmxVGrRoyqRqyuvT/ACOnCV6VevGnKlGz9f8AM6mJi8KMerKCadUcH/HtF/uD+VSV662PGe4UUUUxBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWd4i/5FfVf+vOb/ANANaNZ3iL/kV9V/685v/QDWlP416mdT4H6Gf4W/1P8A2zFdDXPeFv8AU/8AbMV0NQ9y1sFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVk+I/wDjxtP+wha/+jkrWrJ8R/8AHjaf9hC1/wDRyVrR/iIyrfw2a1FFFZGoUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBneIP+Rc1D/r3f/0E1R8E/wDIp2v+8/8A6GaveIP+Rc1D/r3f/wBBNUfBP/Ip2v8AvP8A+hmvPl/vy/wv80ejH/cJf41+TN+iiivQPOCs0d/94/zrRZgiFm6KMnjNcg3i+xV2H2XUGwx5Fo+DzQBwF74V1Qah/ac1nqRgt9ZnleOxleOdo3G0SJtIJ69O4q6PDrSta3umaTrCNJq8Ms0mpTvJLIiKRvKsSVA6fhXY/wDCY2P/AD56l/4BtR/wmNj/AM+epf8AgG1EdLeVvwt/kD1bff8A4P8AmU/C1vdaf4o8SW91Z3CJc3guobgx/unUxouA3rkHirviX/j80L/sJw/+hCk/4TGx/wCfPUv/AADaqGoazFrOp6NFaWl6DHqETsZbZlAAYZOaOiQdbnfP/q2+hrMkBa2YDklCB+VX7y4S1s5Z5t2xFJO1Sx/IcmuTHjGxCgfY9S6f8+bUmrqw1ozlItA1JPhlolgLCZbqHUIJZYtvzIomBLEfTmsjWJLnR/A1/oNxpNxcSf2o8i3ipmBle4Lht/8Aew2COuc16H/wmNj/AM+epf8AgG1YAh8IjUjfDRdU80ymYx7J/J8wnJbyt2zOec7evNUn7133v+X+QX00/rf/ADGJol+PD/juP7DJ51/JIbcbeZh5CqMevORVjwhZX2leKrtbyxuVju7O32T+X8isiYZWPY1tf8JjY/8APnqX/gG1H/CY2P8Az56l/wCAbULT7kvuQulv66f5B40/5AC/9fMX/oVdjXnXiDXYdY05LW0s7/zDPGw32rAYDetei0gCiiigArkfiF/yDrL/AK+P6V11cj8Qv+QdZf8AXx/SuDMf90n/AF1PQyz/AHuH9dDp7iytruLyrq3jlTOdrqCM1k3ng7RrslvsohYrtBiO0D3wOK3aK6alClU+OKfyOWniKtL4JNfM5H/hCbiz+bSNXngkbhyxxkfhTUTxhpin5o72GInhiC0gz+ddhRXL9QpR1ptx9Gdf9oVZaVUpeq/U5H/hMNRsv+QvossZf/V+XkZx16/hV2z8baRdFFkla3dhlhIMBT6ZroaoXGhaXdRGOawgKscnagU/mMGj2OLh8FRP1X6oPbYSfx02v8L/AEZLa6nZXqFrW6ilUHBKsOtWq5i48BaVLM0kD3Fsf4VjcbVPryCf1qv/AMI14gsf3una600p+UrMDgD15Lc8DtR7fEw+Olf/AAv9HYPq+Fn/AA6tv8S/VXOvrK17XodBgieaJ5WlYqqJ3x1rDTUvFum5F5YR3kUTEvKoG5l9sEfyrI13X5NYvNPimsJLNopQ37xs7gSPYelYYjMYxpPlvGXS6f8Awx0YbLZSrLmtKHWzXb7za/4T6P8A6BVz+f8A9aj/AIT6P/oFXP5//WrrqK6PYYr/AJ/f+So5/rGE/wCfP/kzOR/4T6P/AKBVz+f/ANaj/hPo/wDoFXP5/wD1q66ij2GK/wCf3/kqD6xhP+fP/kzOR/4T6P8A6BVz+f8A9aj/AIT6P/oFXP5//WrrqKPYYr/n9/5Kg+sYT/nz/wCTM5H/AIT6P/oFXP5//Wo/4T6P/oFXP5//AFq66ij2GK/5/f8AkqD6xhP+fP8A5Mzkf+E+j/6BVz+f/wBasfxL4j/t3To7aKwniKSiTc3OeCP616NRWdXCYirBwnV0f91GlLGYalNVIUdV/ef+RHB/x7x/7g/lUlFFektEeW9WFFFFMQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVneIv+RX1X/rzm/wDQDWjWd4i/5FfVf+vOb/0A1pT+NepnU+B+hn+Fv9T/ANsxXQ1z3hb/AFP/AGzFdDUPctbBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFZPiP8A48bT/sIWv/o5K1qyfEf/AB42n/YQtf8A0cla0f4iMq38NmtRRRWRqFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAZ3iD/kXNQ/693/9BNUfBP8AyKdr/vP/AOhmr3iD/kXNQ/693/8AQTVHwT/yKdr/ALz/APoZrz5f78v8L/NHox/3CX+Nfkzfooor0DzgooooAKKKa8iR43sFz0zQA6iovtMP/PRaPtMP/PRaAJaKi+0w/wDPRaPtMP8Az0WgCWiovtMP/PRaPtMP/PRaAJaKqW2p2t3fXNpbyb5bZUaXA4G7OP8A0E1boAKKKKACiiigArkfiF/yDrL/AK+P6V11cj8Qv+QdZf8AXx/SuDMf90n/AF1PQyz/AHuH9dDrqKKK7zzwooooAKKKKACiiigApjwRSMGkiR2HQsoJFPopNJ7jTa2CiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKzvEX/Ir6r/ANec3/oBrRrO8Rf8ivqv/XnN/wCgGtKfxr1M6nwP0M/wt/qf+2Yroa57wt/qf+2Yroah7lrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArJ8R/8eNp/2ELX/wBHJWtWT4j/AOPG0/7CFr/6OStaP8RGVb+GzWooorI1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAM7xB/wAi5qH/AF7v/wCgmqPgn/kU7X/ef/0M1e8Qf8i5qH/Xu/8A6Cao+Cf+RTtf95//AEM158v9+X+F/mj0Y/7hL/GvyZv0UUV6B5wUUUUAFVbz70f41aqrefej/GgCCqtvqVnd31zZ286vcWhUTxgHKbhkVgeMr68W90PSLK6eyGqXhimuYuHRFjZ8KT0JKjn0zXFiTUPD2ueIbODVWea8v7K1W9mIMkSSfLk9iwB60LV2/rp/mD0Vz12ivNNUu9a0TUNW0qy1a7u0tLWHUIpZ2DyqN5V0JA5BC56VTu/HWoQahqGppdO2m39q8GmR9hOBHsx7sZT/AN8Uen9f09A62f8AX9LU9XorzO0g1vUta1iyuvEWoW8dhZwunkOqt5hTJJOOR7V1/grVLnWvA+j6jfENc3NpHJKwGAWKjJp20/rrf/IP6/L/ADJfDX/I4eI/pbfyeuprlvDX/I4eI/pbfyeuppAFFFFABRRRQAVyPxC/5B1l/wBfH9K66uR+IX/IOsv+vj+lcGY/7pP+up6GWf73D+uh11FFFd554UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWd4i/wCRX1X/AK85v/QDWjWd4i/5FfVf+vOb/wBANaU/jXqZ1PgfoZ/hb/U/9sxXQ1z3hb/U/wDbMV0NQ9y1sFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFMWaJ3KJIjMOqhgSKTaW4D6KKKYBRRRQAUUUUAFFFFABWT4j/48bT/ALCFr/6OStasjxH/AMeNr/2ELX/0cla0f4iMq38NmvRXL2M+t6jG7292gVW2ncAP6Va+y+If+fyL9P8A4mvAp5t7WCnCjNp+S/zL5vI3qKwfsviH/n8i/T/4mj7L4h/5/Iv0/wDia0/tGf8Az4n9y/zDm8jeorB+y+If+fyL9P8A4mj7L4h/5/Iv0/8AiaP7Rn/z4n9y/wAw5vI3qKwfsviH/n8i/T/4mj7L4h/5/Iv0/wDiaP7Rn/z4n9y/zDm8jeorB+y+If8An8i/T/4mj7L4h/5/Iv0/+Jo/tGf/AD4n9y/zDm8jeorB+y+If+fyL9P/AImj7L4h/wCfyL9P/iaP7Rn/AM+J/cv8w5vI3qKwfsviH/n8i/T/AOJo+y+If+fyL9P/AImj+0Z/8+J/cv8AMObyN6isH7L4h/5/Iv0/+Jo+y+If+fyL9P8A4mj+0Z/8+J/cv8w5vI3qKwfsviH/AJ/Iv0/+Jo+y+If+fyL9P/iaP7Rn/wA+J/cv8w5vI3qKwfsviH/n8i/T/wCJo+y+If8An8i/T/4mj+0Z/wDPif3L/MObyN6isH7L4h/5/Iv0/wDiaPsviH/n8i/T/wCJo/tGf/Pif3L/ADDm8jeorB+y+If+fyL9P/iaPsviH/n8i/T/AOJo/tGf/Pif3L/MObyN6isH7L4h/wCfyL9P/iarzXGsWN5apd3SsszgYUA8ZGe3vUTzX2a5p0Zpd2l107hzHTUUUV7JQUUUUAFFFFABRRRQAUUUUAFFFFAGd4g/5FzUP+vd/wD0E1R8E/8AIp2v+8//AKGaveIP+Rc1D/r3f/0E1l+Dr21h8L2yTXMMbhnyrSAEfMa86TSxyv8Ayv8ANHpQTeAlb+ZfkzpaKrf2lY/8/lv/AN/V/wAaP7Ssf+fy3/7+r/jXd7SHc4PZz7Ms0VW/tKx/5/Lf/v6v+NH9pWP/AD+W/wD39X/Gj2kO4ezn2ZZqrefej/Gl/tKx/wCfy3/7+r/jWTrNnY6xJGza/NaLGMBLW4jUE+pyCf1o9pDuHs59mM1vQrHxBYra6lGzLHIssbxuUeJx0ZWHKnqMj1NZlv4B0G3s9Qt/s8sy6iVa5eedpHdl6NuJzu9+tSf8Izp//Q2al/4GRf8AxNH/AAjOn/8AQ2al/wCBkX/xNHtIdx+zn2ZPpvhbTdLjuxEJ7iS8XbPPdTtNLIuMAF2JOAO1Vl8B+Hk0rTdOWxH2bS7kXNqm8/JJzznv948H29Kd/wAIzp//AENmpf8AgZF/8TR/wjOn/wDQ2al/4GRf/E0e0h3F7OfZmhHoljFqF7epGwnvlVJzvPzBRgcduKk0nS7XRdJttN09CltaxiKJSxYhQMDk9ay/+EZ0/wD6GzUv/AyL/wCJo/4RnT/+hs1L/wADIv8A4mj2kO4ezn2ZY8Nf8jh4j+lt/J66mue0PTdK0Ka6li1drqS62eY9zcIx+XOMYA/vGtj+0rH/AJ/Lf/v6v+NHtIdw9nPsyzRVb+0rH/n8t/8Av6v+NH9pWP8Az+W//f1f8aPaQ7h7OfZlmiq39pWP/P5b/wDf1f8AGj+0rH/n8t/+/q/40e0h3D2c+zLNcj8Qv+QdZf8AXx/Sul/tKx/5/Lf/AL+r/jXKePLq3uLCzEE8UpE+SEcHHHtXBmM4vCzSf9XPQy2Eli4Nr+rHaUUUV6R5gUUUUAFFFFAEVzcw2ds9xdSLFDGMu7HAUVlf8Jj4e/6C9r/33TPG3/Ilan/1x/qKwPCXg3QNS8KWN3e6ess8qEu5kcZO4joDisZSnz8sThrVq/t/ZUktr63726HRf8Jj4e/6C9r/AN90f8Jj4e/6C9r/AN91W/4V/wCGP+gWv/f6T/4qj/hX/hj/AKBa/wDf6T/4qj995fiK+N7R/Es/8Jj4e/6C9r/33R/wmPh7/oL2v/fdVv8AhX/hj/oFr/3+k/8AiqP+Ff8Ahj/oFr/3+k/+Ko/feX4hfG9o/iWf+Ex8Pf8AQXtf++6P+Ex8Pf8AQXtf++6rf8K/8Mf9Atf+/wBJ/wDFUf8ACv8Awx/0C1/7/Sf/ABVH77y/EL43tH8Sz/wmPh7/AKC9r/33R/wmPh7/AKC9r/33Vb/hX/hj/oFr/wB/pP8A4qj/AIV/4Y/6Ba/9/pP/AIqj995fiF8b2j+JZ/4THw9/0F7X/vuj/hMfD3/QXtf++6rf8K/8Mf8AQLX/AL/Sf/FUf8K/8Mf9Atf+/wBJ/wDFUfvvL8Qvje0fxLP/AAmPh7/oL2v/AH3R/wAJj4e/6C9r/wB91W/4V/4Y/wCgWv8A3+k/+Ko/4V/4Y/6Ba/8Af6T/AOKo/feX4hfG9o/iWf8AhMfD3/QXtf8Avuj/AITHw9/0F7X/AL7qt/wr/wAMf9Atf+/0n/xVH/Cv/DH/AEC1/wC/0n/xVH77y/EL43tH8Sz/AMJj4e/6C9r/AN90f8Jj4e/6C9r/AN91W/4V/wCGP+gWv/f6T/4qj/hX/hj/AKBa/wDf6T/4qj995fiF8b2j+JZ/4THw9/0F7X/vuj/hMfD3/QXtf++6rf8ACv8Awx/0C1/7/Sf/ABVH/Cv/AAx/0C1/7/Sf/FUfvvL8Qvje0fxLP/CY+Hv+gva/990f8Jj4e/6C9r/33Vb/AIV/4Y/6Ba/9/pP/AIqj/hX/AIY/6Ba/9/pP/iqP33l+IXxvaP4ln/hMfD3/AEF7X/vuj/hMfD3/AEF7X/vuq3/Cv/DH/QLX/v8ASf8AxVH/AAr/AMMf9Atf+/0n/wAVR++8vxC+N7R/Es/8Jj4e/wCgva/990f8Jj4e/wCgva/991W/4V/4Y/6Ba/8Af6T/AOKo/wCFf+GP+gWv/f6T/wCKo/feX4hfG9o/iWf+Ex8Pf9Be1/77o/4THw9/0F7X/vuq3/Cv/DH/AEC1/wC/0n/xVH/Cv/DH/QLX/v8ASf8AxVH77y/EL43tH8Sz/wAJj4e/6C9r/wB90f8ACY+Hv+gva/8AfdVv+Ff+GP8AoFr/AN/pP/iqP+Ff+GP+gWv/AH+k/wDiqP33l+IXxvaP4ln/AITHw9/0F7X/AL7qhrnivQrjw9qMMOq2zySWsqIofliUIAqb/hX/AIY/6Ba/9/pP/iqp6x4G8OW2h308GmqksVtI6N5rnBCkg/epqVaL5tNPUio8byO6j+Ja8H3EVzaeZbyLImwDKnuK6WuG+F3/ACAD/vN/Ou5q4ScoqT6nXh6jqUYzfVBRRRVG4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRWFrstyL+zgtrh4fOO0lSR3Ao/sfVf8AoKv+bV5U8wqe1nSp0nLl3aa7X6sm+pu0Vhf2Pqv/AEFX/NqP7H1X/oKv+bUfXcT/ANA8vvj/AJhd9jdorC/sfVf+gq/5tR/Y+q/9BV/zaj67if8AoHl98f8AMLvsbtFYX9j6r/0FX/NqP7H1X/oKv+bUfXcT/wBA8vvj/mF32N2isL+x9V/6Cr/m1H9j6r/0FX/NqPruJ/6B5ffH/MLvsbtclY6Z/aOo3xE7QmOQ8qOuSf8ACtD+x9V/6Cr/AJtVvSNLbTvOaWbzZJiCTj0z/jXFWpVcfXpKtRahG97tdtNnfcW71RTbTtZtQPsl4JkQjajHBI98/wCNB1LWLQYurDzSeQ0fQD8M1vUV2f2bya0Kso/O6+53Hy9jFg8UWchAmWSLjJJGRn04q/b6pZXIHlXMZLHAVjgk/Q81PLbwzpsmiSRc5wy5rPm8PafKXKxmNm6FGI2n2FLlzKltKM15pxf4XQe8alFYX9gXNv8ALY6hJGh5YEnk/hR5mvWfLol0g+UAdT78c1X1+rT/AI1GS81aS/DX8Av3Ru0VhR+I3jbZe2bxsGwxXooq3Dr+nzEjztmP74xmtKeaYOo7KaT7PR/iPmRpVkeJP+PG1/7CFr/6OStRJo5ACjq24ZGD1rL8Sf8AHja/9hC1/wDRyV6lFpzi0Z1v4bIfCv8Ax5T/APXX+grdrC8K/wDHlP8A9df6Ct2vHyf/AHCn6fqy47BRRRXqlBRRRQAUUUUAFFFFABRXDzpqWq+MNXtYtZvLKG1WEokJGPmDZ6/7tTroWovnZ4q1FtpwcFTg/lQB2NFcf/wj+p/9DRqX5r/hR/wj+p/9DRqX5r/hQB2FFcf/AMI/qf8A0NGpfmv+Fa+hWNxYtMt1qVzflgCGnP3fYAUAbNFQ3EjR7dpxmoftEnr+lAFyiqf2iT1/SsTV766jvAI53QbBwrY7mgDp6K4r+0r3/n6m/wC+zR/aV7/z9Tf99mgDtaKz4LmU28ZLZJQZJHtUn2iT1/SgC5WD4h/5CGmf9dD/ADWtIXEhYc/pWb4h/wCQhpn/AF0P81ryc4/3OXrH/wBKRMthINQ1a7aT7KkbKjYOQB/M1N5mvf8APGL8x/jR4e6Xf/XT/GtmvdnJRlZJHLSpucFJyZjeZr3/ADxi/Mf40eZr3/PGL8x/jWzRU+08kaex/vP7zG8zXv8AnjF+Y/xo8zXv+eMX5j/Gtmij2nkg9j/ef3mN5mvf88YvzH+NHma9/wA8YvzH+NbNFHtPJB7H+8/vMbzNe/54xfmP8aPM17/njF+Y/wAa2aKPaeSD2P8Aef3mN5mvf88YvzH+NHma9/zxi/Mf41s0Ue08kHsf7z+8wLqLWryzltpoY/LlQo2CAcH8a5//AIQaX/ng3/f1a7+iuerTo1nepBP5HRSlWoq1OrJfM4D/AIQaX/ng3/f1aP8AhBpf+eDf9/Vrv6Ky+qYX/n1H7jb6zi/+f0vvOA/4QaX/AJ4N/wB/Vo/4QaX/AJ4N/wB/Vrv6KPqmF/59R+4PrOL/AOf0vvOA/wCEGl/54N/39Wj/AIQaX/ng3/f1a7+ij6phf+fUfuD6zi/+f0vvOA/4QaX/AJ4N/wB/Vo/4QaX/AJ4N/wB/Vrv6KPqmF/59R+4PrOL/AOf0vvOA/wCEGl/54N/39Wj/AIQaX/ng3/f1a7+sXxfdT2XhHULm1kaKaOMMjqcEHIo+qYX/AJ9R+4PrOL/5/S+85r/hBpf+eDf9/Vo/4QaX/ng3/f1amGnXccMTXPi+9haRA2HkRe3vUkmlXcUavL4vvkR/us0iAN9DR9Uwv/PqP3B9Zxf/AD+l95V/4QaX/ng3/f1aP+EGl/54N/39Wr40HUmUFfFOpEEZBBXn9KP+Ef1P/oaNS/Nf8KPqmF/59R+4PrOL/wCf0vvKH/CDS/8APBv+/q0f8INL/wA8G/7+rV//AIR/U/8AoaNS/Nf8KP8AhH9T/wCho1L81/wo+qYX/n1H7g+s4v8A5/S+8of8INL/AM8G/wC/q0f8INL/AM8G/wC/q11eh2k1nbyRXN9Pevuz5k5yfpV2eVo3AU449KPqmF/59R+4PrOL/wCf0vvOH/4QaX/ng3/f1aUeB5QQRA3H/TVa7L7RJ6/pR9ok9f0o+qYX/n1H7hfWcX/z+l95S8zXv+eMX5j/ABo8zXv+eMX5j/Gs7U7+7TUJFS4kRcDAVsDpVT+0r3/n6m/77NdvtPJHF7H+8/vNzzNe/wCeMX5j/GjzNe/54xfmP8awxqV7uH+lS/8AfZrqftEnr+lHtPJB7H+8/vKXma9/zxi/Mf40yW51yGJpJIogqjJPHA/OtD7RJ6/pVe+nkbT5wTwYz29qand2siZUmot8z+8y/EVzJd/DrUJpsb2hOcDH8WKseBf+RH0z/rmf/QjVHWP+SZX3/XJv/Q6veBf+RH0z/rmf/QjXLPTENeX6nNSbeKi3/J+p0FFFFaHphRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRXHa2b+98bpp1rqtzYwixMx8gjlg4Hf/epkWkXk7MIfF19IV+8EdDj60AdpRXFLpN48xhTxdfNKvVA6Fh+FS/8ACP6n/wBDRqX5r/hQB2FFcf8A8I/qf/Q0al+a/wCFaWiabd2N6WutXu78MpAWcjC++BQBvUVFO7IgK9c1B9ok9f0oAuUVT+0Sev6Vla1e3MfkeVMyZ3Z2nGelAHQ0VxX9pXv/AD9Tf99mj+0r3/n6m/77NAHa0VlafdTPYRM7lmI5J5J5qz9ok9f0oAuVn6//AMi3qf8A16S/+gGpPtEnr+lRa6c+GdSJ/wCfOX/0A1MtmZ1Pgl6HL/C7/kAH/eb+ddzXDfC7/kAH/eb+ddzU0v4aMMF/u0PRBRRRWh1hRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAYWtf8AIc0z/roP/QhW7WFr0dx/aFlPb28k3lHcQqk9CD2o/tvUv+gTL+Tf4V8/TxdPC4quqt9WraN/ZXZEXs2btFYX9t6l/wBAmX8m/wAKP7b1L/oEy/k3+Fdf9r4Xz/8AAZf5D5kbtFYX9t6l/wBAmX8m/wAKP7b1L/oEy/k3+FH9r4Xz/wDAZf5BzI3aKwv7b1L/AKBMv5N/hR/bepf9AmX8m/wo/tfC+f8A4DL/ACDmRu0Vhf23qX/QJl/Jv8KP7b1L/oEy/k3+FH9r4Xz/APAZf5BzI3aKwv7b1L/oEy/k3+FXNJ1U6l5yyQmKSIgMM+v/AOo1pRzLDVqipRbu9rpr80PmTNGiiivRGFFMlmigTdPIka5xl2wM1nzeINPh3jzt7L2RSc/Q9K562KoUP4s0vViukadFYP8Awkkk74sLGSYAfNnqPyzQ39v3ZAwlsjHIYEZUeh7/AKVw/wBrUZ/wYyn6J2+/RC5l0Nx9nlt5m3Zj5t3THvWVeRaHlWuRAOw2HH/oNQHw/c3I3XuoOXPB2jIx+lW4fD+nwkkxGTP985xWVR4vE6ewil/faf4K/wCYavoc7cDTwxOlvdC4DfJxwfpjmmTNqZsovtHmmH7RHs8zr5m8bOvP3se1dnDawQKqwxIgXpgdKzfEn/Hja/8AYQtf/RyVz4fIZe1UnVcG/wCT3f8AMyqK0GyHwp/x4z/9df6CuNbXbvUdY1SG98ZTeHtTt5nFpp0kUUdu6LjYzNIhMm49djjg4wCMnsvCv/HjP/11/oKxNQGvzfa7HWfCEOuhi6217DJAqeW3QMJHDqR32g+o9K7Mn/3Gn6P8zaPwlu48bnR7jTtJ1TT7m+1q7tjN5OloJEbbjcQzsuBznmpz490p9Ksry0hu7ua9do4bGGMefvXh1KkgAqeDk4riLSz1rwr428P2kFkdZuLfR5lmijmVXCmRcbWkIBxkdSOM1Jc/DvUCun6ve6Wmp3P2u5ubvTI7kIVE7lsI5ZVyucdcGvYf+f5tD20/rY7P/hPdLGkm7eG7S4W5+yHTjGv2nzsZCbQ2M7fmzuxjvTf+E+0uPTbu4vbe9sri0dY3sZ4189mc4QKFYg7jwOfriuRv/h697o9td2nhaCykttRF02lm83SXMewod0gbaH5yMNjA61LJ4LupNNlvtG8LQ6Pe213BdQ2094JJLrynDFGYMyrnGB831xR118v0/wCCHp/W/wDwDV0jxjfal4/1Ozay1CC3tNOil/s6eKMSiQu3IIYg5GP4sfjXdI2+NWKshYA7W6j2NcTpMXiGXxxqOv3/AIfks7dtPjgggNzC0rsrsSDtYqOvHOMe/FdsjFo1ZkKMQCVJBKn04o6L+u4P4n/XRDqKKKQHExRTz+LvFEVpP9mneG3WObZu8slXw2O+KzPhjaSWNnrdtNdzXkkeqShp5yC8h45OABW1pv8AyPniL/ctv5PVjQ9CTRGvyk7Tfbbp7k5XGwt296Fo36fqge1vP9Ga1FFFABU1p/rn/wB0VDU1p/rn/wB0UAOu/wCD8a5bxN4n/scR2WnQ/bdXuflt7Yc4P95vQf54611N3/B+Ncx4m8MLrccdzZy/Y9Utjut7peMH0PqKANXThff2fF/arQG7IzJ9nUhAfQZJPHr39qzNa/4/l/3B/M1qacL1bCIaoYWugMSNBnYx9RkVl61/x/L/ALg/maAM6iiigDqrf/j2i/3B/KuZXxPe6T4jOm+J44Ire4b/AEO9hUrG3+y2ScH8a6a3/wCPaL/cH8q5uPwvdaj4jOqeJJobiOA/6HaRZMcf+02QMmgDqV+8PrVHxD/yENM/66H+a1eX7w+tUfEP/IQ0z/rof5rXk5x/ucvWP/pSJlsY0NprOpam9np+qSaVY4Mk1xbRo07MDgKpcMoHc5Un6da0LOXU/C1tqEvibV11DS4AJILyZFW456o4RQp56EAfTvWfDPrlhqjXmk6d/alpho57aKVI5QxOQ6lyFI4wRnvUGpaN4p8Wadqr36LpUcsaJZadLIkhBRt2+RkJXLdOCcDFe3Wtz6f1/XkYYW/slf8Ar+v66FjUfHaT6DrCW1tfaTqkGmyXlsl7EgaRAP8AWLhmBAOMg88jisjT/GN2L+5XWNSu1gX+z1i+zRR7t8pAIOV+6See4HTFP1XQfEXiq5ub+80g6a9votzYwQSXEbtcTS7ckFGICjyx94g/N0qlL4H19ppGFmuGm01x++TpCwMnfsB+PaojbmV/L83+lmdL+H+vL/gnXyeO7UXMwt9J1W6tIJmgkv7eBGhV1O1hjfvOGBBwvaox400yy/tJ2m1C8kjv1tI7UxJvaUxqwSIDGRg5yx455rntX8OaxLrE8uiaDd6VqL3DMNVstQjFvIrNndJGzbzx1ATqT160reEvEFtql1q8FtHPPb62L6KDzEBuYzbiJtpJwpySRux0qY7a/wBar/gjfW39bnQTfEbSLTSZ729t762e2uY7ae1kiBmid2AXIDEEHPUE1f0XxXb6xqlxpr2F9pt7bxrK0F6iKzI3RhtZgRkHv2rjr3wprusS3mqzad9lnvNSspRZvNGWjihkBZmIJUnGTgE11SaRer8TJtXMQ+xNpqQCTcPvh2JGOvQjmmvP+tL/AJiezt/Wv+RkeL9cntfFlpp19rtz4c0qS3Lre28KMZpi2NhkdHRABzyBnI54wb+k6xe6ToN1datfJr1tFLtsrmwCyTXKngBguE354yMD6VNr8muwaoPJ0SHXtHljAa1Ro0likB+9+9YKyke+QR71y0vhfxHHpmr3ej2UmlnULqGT+y7e5jWVY1P7za+TGrsM9Dj3qVt/Xf8ArboN7/12/r5lrxR8SpbXw9qqWOkarY6taxI4iuIotyq7YEgw5Ujg9+vatKz8XDStPtLGa21zW9T+zfaLhPJgM8SE8GTaUQZwcAZPFcXJ4B1qa61iXTvDn9mW13YwwwQS3qSSF0kJO87yASOeCRj34rb1zwXMnjCbWJPDreILe8s4ojFDdrDJbyR5/vOoKkN2JII6c09l6/8ABF/X5f8ABL4+Ir3PjK0s9P0+6utLm097rzoY1LEggd3HA6EYzmuhtPFumX1to09qZZF1mMSWwCjIXaGJbnjGRnrXN6T4ZvtF8T6Nd2mhRQWX2J7W4gtbhStqWYNn5yCw45xmovBGi3Fv441rzdradpMr2+n4/h8w+a4/DeF/4DTVr29fwb/zQntf0/L/AIcd448Saxo3xF8MWthdmPTpUmkvrfy1PnKGjQckZGDJng9qsX/iTUf+FtabplrdFNKEMi3MWxSJH8sup3YzxjtUnivwtfa542027ihDWUem3lvLKXA2PJ5ezjOT90nI9KztG8K+IYrnSb+/gjS+WW4luT5qsIt0bKg68jkdPWpi7LXpf9bFS8vI3Y/iBZtfWsM+k6ta295L5Nve3ECLFK3b+PcM44yoplv8R9LuLG6vxY6jHY2rNG108SBHlD7PKUbtxYsRjjHPUVw0XgvxJdTaJPe6BOdTtLuObUNSu9RjkM+AQTGqv932IBxjrzW5P4cvLD4X/ZL57azvINU+1xLcTqqSn7TvRN2cZYEAe5FVp1/rb/gh6f1v/wAA1L34i6c1rqVtdW+saRdWlg15KGgi82OMcblyWUnngHPvU9x8RdPtbq9tIdN1a+fTlQ3bwQoRGrIGDElxkYPbng8Vx2uR654t8R65ZDR/sV1J4eeGK3e4iZyzOMbirFQD25rqNP8ADWp27eLDLbqP7SRBbfvF+fFuiHvx8wI5pfZb8v1DS6X9bL/gnV2OqR6iIZLSGZraaBZ47nA2MG6DrnPfpV6sLwpb3um6Bpul3tk8bW1lGsk3mIV3gYKcHOffGPet2qkknoSr21CsDxz/AMiPqn/XH/2YVv1geOf+RH1T/rj/AOzCpGcNqWk6je+LGvZfCen6xZQWEccL6hOqrzgsVBjfnj2rOv8AUtJ1nXNNvodGbW9Mk0YSW+lxxKWtASfnMbYQZGBnORt4FdjL4dv5Zvtmj6ydPF1Ai3Eb2/nB8DAK5YbTiq58B/YJbSXwzqb6XJb2a2Ll4RMJYl+7kEjDDJ596S2t/XX/ADG93/XYn+HLmTwLZMbjzwTJt5J8td5xHzz8o4/CuorO0HRoNA0eHT7ZmkWMszO/V2Ylmb8STWjVSd2SgooopDJ7PrJ9RRdf6wfSiz6yfUUXX+sH0oA5LxD4pltL6LR9AgS91eYg7Gz5cC92fH8v/rA9DbCcWsYu2jefaPMaNSqk+wJPH41geIfCz6heQ6ros62OrwEbZiDtlXurgdRW/bef9mj+1+WJ9o3+WSVz7ZoAwtV/5CUn0H8hVOrmq/8AISk+g/kKp0AKPvD611j7ijbCA2OCRkA1yY+8PrXWNu2HZgtjjPTNAHL6Z4ouoNdfRPFEUNtduc2k8QIiuF9BknDe2f6Z6K9/48Zv9w/yrn9L8LXDa7JrXiOeO8vQcW0ceTHbr7ZHX3/yOgvf+PGb/cP8qqPxIip8DMnWP+SZX3/XJv8A0Osj4PapeX+kapb3c5kisroRW67QNilQ2OBzyT1rX1j/AJJlff8AXJv/AEOub8Cwa34a0x7rTdCk1i01QCfNtcRRvFIpKkMJGUEEAYIz0NZzaWIa8v1PPo/7zH/AvzL2l/EP+zreVNbW81C5udXuLOzjtYVLHYflTqo6cZP4mtweP9K/siS8kgvI7iO5+yNp7xj7R53ZNu7GSOQd2Md64i+0rV/DV/4UZLSO91KbU7i7mto5Qu4ujFlVmwM46ZIGe9aVz4U1+5upvFC6eiak2qR3iaW06ZMSRiMKXB2byFz1xzjNWtlf+tv+D/W/qPfT1/F/d0L2jeOZ7nxL4ma+gv4rTToLXy7CSBfOSRzICAFJyWwn8RHuOab4i+Jz6foWqta6HqVrqtnaG5jt72GPDLnG/wCWQ5AJ55zVK60nxlf3XiXUrfTH0ua+jsktokuovOdI3cyruBKq5VsAk4569cY0vw/1i8utWksfD50qC70eS1jW4vUlleYnILkOwGfY/XFJ/p+g1bm+a/T/AIJ2M3jyx0zzLvVv7UgaHTobmazaKIhAzld3BzuJHI3Yxir1p4/0yW6mgv7W+0ry7Rr1Xvo1VZYVxuddrN0yODg89K5TW/C3iHXWuroaS1s8+lW1sIZLiIkSJMzMMhiOmDnPetDxx4XutUvUuHkhtLGLQ7q2mu55VVIXYxFd3OdvyHJ9BTlbX5/rb9CYq6S9P0/4Js6d4/sL/WLHTJNN1Oyn1AM9qbqFVWVFUsWBDHAwO+D7Vd1/xZaeH7+xsZbO8vLu/D/Z4bSNWLbcZHzMAOtcZb6jqt9478H299pK2SQRTNv+0xSmX90RuTYx+T3OD7V1msaPeXfjrQdSghDWtnHOszlgNpbbt46noelNpXXz/UV9/T8SDU/H1vpazyy6HrMtvaoHuriOBNkGRkg5cE4HXaCPeqOm/EAz+Jteh1C1mttJ02FJUu3RQu0ruJJDEnPbArnfF3hLxFrcmvwT6HNqk10HXTLp79I7a2QoONm4NuyD/CRkjkDNTz+BtZvrfW9Lms/Lh1bToY1uTKhSKVExsZQ24gnuARULa/l/X3f1cp22/rdHY6Z40ttRvUtJdM1LT5poTNbLeRIv2lR12Yc88jhsHkVvW0xuLZJWhkgLDJjlA3L9cEj9a4Hwx4bNtq1tdy+B10ye1hO65lv1lLSEdIgHbg46tt7V31tLJNbJJNA1u7DLROwJX2JUkfkap2JV+pLRRRSGcZqtt9s+IEtt50kHnaPInmwkB0zIoypIPNcrJa23hvxnax6Xp8mlRRWc0fnOqgai4UkD5SdxH3tzYNdTq9nFqPj6azuN3lT6PJG5RtpAMijg9jTLbwlcPfWs+t6r/aMdju+yx/ZxHsJXbljuO44PtU2fT+tx6W1OKtLK30/wh4M8R20S/wBrXlxA91dKB5k/nKWcOerDPY9McV63XIad4D+xT2EM2qyXGl6ZIZbKyMIBjPO3c+fmCgkDgV19aNp7d/u20JCpLf8A4+l/3TUdSW//AB9L/umpGT3X+rH1rm/EfiS28PWQeRTPdSnbb2yfelbsPp710l1/qx9a53xF4dtfEVh5M5MU8Z3QXCfeibsRQBLoT6tLpaS6+tvHdv8AMYrdSBGOwJJOT/n3qLXf+WH/AAL+lTaFDqtvpaQ65NBPcx/L5sJPzjsTkDmodd/5Yf8AAv6UAZFFFFAHSad/yDofp/WsDU/El/4e15RrMMTaNcHbFdwowaFvR+Tn6jH9K39O/wCQdD9P61hal4Zu9e19JdauIm0m3O6GziJ/eN6vx+lAHTI6yRq8bBkYZVlOQR60uuf8ixqP/XnL/wCgGkVQihUAVVGAAMACl1z/AJFjUf8Arzl/9ANTLZmdT4Jehy/wu/5AB/3m/nXc1w3wu/5AB/3m/nXc1NL+GjDBf7tD0QUUUVodYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcpYammnX1/ujeVpJeFX0BbP8AMV1dRpBDHIXSJFc9WCgE152MwtWvOnOlPlcb9L7qwmrmKur6nd5+x2O1GO1XYH5fc0v2DWrn5p74QEcAIev5Vu0Vl/Zrn/Hqyl8+Vfcv8xcvcxYvDNvv33Msk5I+YE459avW+k2Ntt8u3TKnIZhkg/U1coropZfhKLvCmr99397HZIAAOgxRRRXcMKKKKACsjxJ/x42v/YQtf/RyVr1keJP+PG1/7CFr/wCjkrWl/ERlW/hsh8K/8eU//XX+grdrC8K/8eU//XX+grdrxcn/ANwp+n6suOxAbG1a/W+a3jN0qGNZto3hSclc+nAqeiivVKCiiigAooooAKKKKAMC10a5t/Emq6gdrR3giVFB5GwHk/8AfX6Vo+RN/cH/AH1V6igCj5E39wf99UeRN/cH/fVXqKAKPkTf3B/31U1tE6SMzgDIwOc1YooAhnjaTbt7VD9mk9B+dXKKAKf2aT0H51l6lo93c3QeJVK7QOWx610FFAHKf8I/f/3U/wC+6P8AhH7/APup/wB911dFAFGK0lSFFYDKqAead9mk9B+dXKKAKgt5ARwPzrM8Q/8AIQ0z/rof5rW9WD4h/wCQhpn/AF0P81ryc4/3OXrH/wBKRMtiXw90u/8Arp/jWzXPaNfW9p9pFxKELSZGQea1P7Z0/wD5+V/I/wCFe5UjJzdkc2HqQVNJtF2iqX9s6f8A8/K/kf8ACmtrVgqkicNgdADk1nyS7G/taf8AMi/RVL+2dP8A+flfyP8AhR/bOn/8/K/kf8KOSXYPa0/5l95doql/bOn/APPyv5H/AAo/tnT/APn5X8j/AIUckuwe1p/zL7y7RVL+2dP/AOflfyP+FH9s6f8A8/K/kf8ACjkl2D2tP+ZfeXaKpf2zp/8Az8r+R/wo/tnT/wDn5X8j/hRyS7B7Wn/MvvLjKHUqwBUjBB71W07TLHSLJLPS7SG0tkztihQKoycngUz+2dP/AOflfyP+FH9s6f8A8/K/kf8ACjkl2D2tP+ZfeXaKpf2zp/8Az8r+R/wo/tnT/wDn5X8j/hRyS7B7Wn/MvvLtQ3lnbahZyWl9BHcW8q7ZIpVDKw9CDUH9s6f/AM/K/kf8KP7Z0/8A5+V/I/4Uckuwe1p/zL7yPSPD+kaBC8Wiaba2Ech3OtvEEDH1OK0apf2zp/8Az8r+R/wo/tnT/wDn5X8j/hT5Zdg9rT/mRdoql/bOn/8APyv5H/Cj+2dP/wCflfyP+FLkl2D2tP8AmX3l2svxJp0ur+HbywtyoknQKC3Qcjmp/wC2dP8A+flfyP8AhR/bOn/8/K/kf8KOSXYPa0/5l95HDaTxW8cZUEooXO7rgU/yJv7g/wC+qX+2dP8A+flfyP8AhR/bOn/8/K/kf8KOSXYPa0/5l94nkTf3B/31R5E39wf99Uv9s6f/AM/K/kf8KP7Z0/8A5+V/I/4Uckuwe1p/zL7xPIm/uD/vqjyJv7g/76pf7Z0//n5X8j/hR/bOn/8APyv5H/Cjkl2D2tP+ZfeTW0Tx794xkjHNE8TSOCvpUP8AbOn/APPyv5H/AAo/tnT/APn5X8j/AIUckuwe1p/zL7xfs0noPzo+zSeg/Ok/tnT/APn5X8j/AIUf2zp//Pyv5H/Cjkl2D2tP+ZfeZN/ot5cXjyRqm04xlvaq/wDwj9//AHU/77re/tnT/wDn5X8j/hR/bOn/APPyv5H/AAo5Jdg9rT/mX3mCPD99kfKn/fdb/wBmk9B+dJ/bOn/8/K/kf8KP7Z0//n5X8j/hRyS7B7Wn/MvvF+zSeg/OoL+B10+cnGBGe/tU39s6f/z8r+R/wqvfarZS2E8cc6szIQBg8nFVGErrQidWHK/eRjax/wAkyvv+uTf+h1e8C/8AIj6Z/wBcz/6EaqapFJN8NryOFGkdomAVRkn5/Suc0HxnqGi6HbacfDV5MYFK+Zll3ck9Nh9a5q0lGu2/61PN9tCjXjKe3J2ffyPR5rG1ubmC4uLeOSa3JaGRlBaMkYJB7cVPXBf8LH1D/oVLz/vtv/iKP+Fj6h/0Kl5/323/AMRS9vT7/mdX9oYb+b8H/kd7RXBf8LH1D/oVLz/vtv8A4ij/AIWPqH/QqXn/AH23/wARR7en3/MP7Qw3834P/I72myRpLG0cqh0cFWVhkEHtXCf8LH1D/oVLz/vtv/iKP+Fj6h/0Kl5/323/AMRR7an3/MP7Qw3834P/ACOo0nwvoWgzSS6LpFnYSSjEjW8KoW+uK1a4L/hY+of9Cpef99t/8RR/wsfUP+hUvP8Avtv/AIij28O/5h/aGG/m/B/5He0VwX/Cx9Q/6FS8/wC+2/8AiKP+Fj6h/wBCpef99t/8RR7en3/MP7Qw3834P/I72iuC/wCFj6h/0Kl5/wB9t/8AEUf8LH1D/oVLz/vtv/iKPb0+/wCYf2hhv5vwf+R3tFcF/wALH1D/AKFS8/77b/4ij/hY+of9Cpef99t/8RR7en3/ADD+0MN/N+D/AMjoJ9HuH8Yf2qpUxCz+zhc8klw2f0/Wr/kTf3B/31XneufE7Ujam2tNNfS7liD5krbmC+ylR19TnvUmjfE/UGs1gn0iTUbmMfPLC23cPUqFNT9Yp3sZ/wBqYXn5Lv7n/wAP+B6B5E39wf8AfVHkTf3B/wB9VyH/AAsfUP8AoVLz/vtv/iKP+Fj6h/0Kl5/323/xFV7en3/M0/tDDfzfg/8AI6/yJv7g/wC+qkghkWcM6gAA964z/hY+of8AQqXn/fbf/EUf8LH1D/oVLz/vtv8A4ij29Pv+Yf2hhv5vwf8AkdzOhkQBeuar/ZpPQfnXHf8ACx9Q/wChUvP++2/+Io/4WPqH/QqXn/fbf/EUe3p9/wAw/tDDfzfg/wDI7H7NJ6D86oappVzd+V5IU7c5y2PSud/4WPqH/QqXn/fbf/EUf8LH1D/oVLz/AL7b/wCIo9vT7/mH9oYb+b8H/kaX/CP3/wDdT/vuj/hH7/8Aup/33Wb/AMLH1D/oVLz/AL7b/wCIo/4WPqH/AEKl5/323/xFHt6ff8w/tDDfzfg/8jq7Oxmhs443A3KOcGpvs0noPzrjv+Fj6h/0Kl5/323/AMRR/wALH1D/AKFS8/77b/4ij29Pv+Yf2hhv5vwf+R2P2aT0H51Frox4Z1If9Ocv/oBrk/8AhY+of9Cpef8Afbf/ABFVdT+IF9daTd27+GbuFZYHQyM7YQFSMn5O1J1oNWv+ZFTH4dwaUvwf+Re+F3/IAP8AvN/Ou5riPhjG8ehFZEZDljhhjvXb1dL+GjowemGh6IKKKK0OoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACis3xFqcmjeHL/AFGCNZZLWFpFRujEdq5dPGGvWnhOz1bVbCzF1qrQx2FnCWyryKT+8YnGABnj6Uv+B+Owf19x3VQ2l5bX9uJ7G4iuIiSBJE4ZSQcEZHvXK2/iTXNM8U6do/ii3sWXVA4triwDhUdVLFWDE9QDyPSuQ8MeItf8PfD/APtSOys30m1vJRMrs3nOnmnLKQcDHoRT6/13sHkev0Vxz+Jta1rXr3T/AAnBYiPT0T7RcX4cq7uu4IoUjopBJP8AeFct4m8Z6/qnhGzutIaLS7yDWoLG9Rmf7/nIMAqRlDnkehNC1aXp+LsHS/8AW1z1qiq2n/bRYxf2o0DXWP3htwwTPsCSa8Luv7AWTxrLqmgS3WotqzRWmp/Zvlt3MUQT99/Bhjn8fel1t5fql+o+l/66/wCR77Uc9xDa27z3MqQxRjc8kjBVUepJ6Vxq6zrWl2egeHbXyL7XLu23yXNyxaJEQfM7beW6gDHc1na14k1KbSPEvh/X7a3TULWw+0JLabhFNG3AwGJIIIxRN8qbXS/4Cjra/W34nosUqTwpLC6yRyKGR1OQwPIIPpTq870fxNrmjWnhZNas7JNM1SKO2i8pmM0D+UGXeSdpBCt0HHFWU8V+JtV0691nw/Yae+mWruI4bgv51yE+8VIO1c9BkVUrRb8hRvJLzO7ory2/8Ua/rfinwfeeG7q3t9P1W2eZYLjzMN8oJDhSAcZ4r0LWLm/s/D13c2EUU99DAXSNshHYDOPXFKXuq78/wGtXZf1c0KK44eNpbqLw0LC3hebV23TqzHEESqTIw+mMD3Irlh8ZWmhTU7R9NksnmCrYASG7KZxuyPlz3xinbWwdLnqcV9aT3k1pDcwyXNuFM0KuC8YbpuHUZwcZ9KnrzGDXYdB8b+OtXljaVIrexKxjguzBwq/iSBWtN4p8SaHLpdz4ks9PbT9RuI7c/Y94ktmkICFtxIIyQDiktdBX3Z3FV4dQs7i8ntLe6hlubbb58KSAvFu6bh1GccZrlrbxH4g1zVNQPh62086fYXLWzG5L+ZOynD7SDhcHI59KwfEWtXsb+O49DtLLT7+xsoJXvVVhLLlHPLKRyuPlPvSbsuYpK7sen0V59p/ifX9H0fwzNr/2G4tdRljt5riIOHj3rhGJYnJLYBPvXQ6F4in1vxFrVtFDGLDTZhbpMM7pJAAX9sAnH4VTVm1/Wlv80SndJ/1/Wh0FFZA8V6G2uf2ONRiOobtv2fndnGcdPSq/iLX7jQtS0ZRBHJZX14LWeQ53RFgQhHb72B+NLt5j2v5G/VWTU7CG9NnLe26XKxGcwtKA4jHBfb12+/SuQX4hMlx4h+028UcGnI0lpICf36qxQ5/4Gp6dqpz6zJc69HBqOk2UWoXPhmW5luUU+ZH0zECf4cn8xUt6XX9aN/oO2tn/AFql+p3MWsabO1ssGoWsjXYLW4SZT5wHUrz82ParleP+Fv8AkI/Dj/r1uf8A0Bq9gq2rMhO4VkeI/wDjxtP+wha/+jkrXrJ8R/8AHjaf9hC1/wDRyVpR/iIit/DZU/4ROP8A5+2/74H+NH/CJR/8/bf98D/Guhorwv7Ey/8A59/i/wDMvlRz3/CJR/8AP23/AHwP8aP+ESj/AOftv++B/jXQ0Uf2Jl//AD7/ABf+YcqOe/4RKP8A5+2/74H+NH/CJR/8/bf98D/Guhoo/sTL/wDn3+L/AMw5Uc9/wiUf/P23/fA/xo/4RKP/AJ+2/wC+B/jXQ0Uf2Jl//Pv8X/mHKjnv+ESj/wCftv8Avgf40f8ACJR/8/bf98D/ABroaKP7Ey//AJ9/i/8AMOVHPf8ACJR/8/bf98D/ABo/4RKP/n7b/vgf410NFH9iZf8A8+/xf+YcqOe/4RKP/n7b/vgf40f8IlH/AM/bf98D/Guhoo/sTL/+ff4v/MOVHPf8IlH/AM/bf98D/Gj/AIRKP/n7b/vgf410NFH9iZf/AM+/xf8AmHKjnv8AhEo/+ftv++B/jR/wiUf/AD9t/wB8D/Guhoo/sTL/APn3+L/zDlRz3/CJR/8AP23/AHwP8aP+ESj/AOftv++B/jXQ0Uf2Jl//AD7/ABf+YcqOe/4RKP8A5+2/74H+NH/CJR/8/bf98D/Guhoo/sTL/wDn3+L/AMw5Uc9/wiUf/P23/fA/xo/4RKP/AJ+2/wC+B/jXQ0Uf2Jl//Pv8X/mHKjnv+ESj/wCftv8Avgf40+HwtHDPHILpjsYNjZ1wfrW9RTWS5fF3VP8AF/5hyoqHSrEkk2yZNJ/ZNh/z7JVyivZ5pdxezh2RT/smw/59krG+x29/rRgt0CQRD5inetXWbv7PZmKM5mmOxVHXnr/n3p+lWX2KyVWGJG5c+9axk4x5mzmnThOaglotX/kZFhaW8OqS2N5GrnP7tm7/AP6xWx/ZNh/z7JVfW7Jp4FngXM0Rzx3FWtOvVvrNZB94fK4PrRKTa5kwpwjCTpyXoN/smw/59ko/smw/59kq5RWXNLudHs4dkU/7JsP+fZKP7JsP+fZKuUUc0u4ezh2RT/smw/59ko/smw/59kq5RRzS7h7OHZFP+ybD/n2Sj+ybD/n2SrlFHNLuHs4dkU/7JsP+fZKP7JsP+fZKuUUc0u4ezh2RT/smw/59ko/smw/59kq5RRzS7h7OHZFP+ybD/n2Sj+ybD/n2SrlFHNLuHs4dkU/7JsP+fZKP7JsP+fZKuUUc0u4ezh2RT/smw/59ko/smw/59kq5RRzS7h7OHZFP+ybD/n2Sj+ybD/n2SrlFHNLuHs4dkU/7JsP+fZKP7JsP+fZKuUUc0u4ezh2RT/smw/59ko/smw/59kq5RRzS7h7OHZFP+ybD/n2Sj+ybD/n2SrlFHNLuHs4dkU/7JsP+fZKP7JsP+fZKuUUc0u4ezh2RT/smw/59ko/smw/59kq5RRzS7h7OHZFP+ybD/n2Sj+ybD/n2SrlFHNLuHs4dkU/7JsP+fZKP7JsP+fZKuUUc0u4ezh2QyGGOCIRwqEQdAKfRRUmiVtEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFNlkWGF5ZDhEUsxx0Ap1cZ8TdX+w+GxaRybZrxtuMZyg6/TtUTlyRcjGvWVGlKo+hwNxPL418exjBeOeYIqhsYiXk4J9gTVjRrmbwP46a3uyVh3+VKcHDITww4yfWun+Fmgm3s5tYnUh7geXDnP3M5J98kD8jVP4qaERJDrUCkggRT9Tj+6fb0rg9nJQ9r13Pmvq9WOHWM+3e/wAv6/A9Oorkfh1r39reHUtpmBubICJhxyn8Jx9OPwNddXoQkpxUkfTUasa1NVI7MKKKKo1CiiigAooooAKKKKACiiigArO8Rf8AIr6r/wBec3/oBrRrO8Rf8ivqv/XnN/6Aa0p/GvUzqfA/Qz/C3+p/7ZiuhrnvC3+p/wC2Yroah7lrYKKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAoa5ph1nQrzThL5JuYjH5m3dtz3xxmsnV/Byat4V0/SjePBc6b5T2t3Gv3JY12hivcHnIz0PXvXQz3ENrbvPcypDFGNzySMFVR6knpTopY54UlhdZI5FDI6nIYHkEH0pW/T8Ng/4P/BOX0/wvqsviC11jxTq1vqE9gjLaRWdobeNCw2s7Bncs2CQOQBk8Viw/DTVI9G/sJ/EiyaLLcGe4hNniZgW3FEk34VT7qx969Eop9bgcfP4O1PT9fvNU8IavbacdQRBd297ZtcxlkXaroFkQqdvBySDgcDvFdfDtJPBv9kW2ost79sS/N7NHv3XCur7igIyuVAxkcd67WigP6/Qw4tN186jptxc65D5METLeW0FnsS5c9GBZmZMemTVKx8ExQab4ksry5FzDrt1JcMPL2+UGjRMdeSNmc8V1NNd1ijaSRgiKCzMxwAB3NJ2s7guhxR8CajDa6Lc2euKut6RE0Ed5NbF4pom4KSRhwTxjkMOQD7VMvga6u7bWJta1VLnVdVg+ztcQW5jihjHQJGWYj1OWOTXWWt3b31qlzZTx3EEgyksThlYexHWpactbp9f1BaWscRY+BNS+16NHrmupqGm6KM2kC2nlyO+3aGlfcQ2BuAAVevOaYngTWtPtLzSdC8RRWmi3bszRSWRkuIQ/3xHL5gUe2UbHvXdUUPXcFpschqHgd0OgSeHL2Kwl0NDFCLmAzo8ZUKQQGU5wOua2bLT9Vi169u73Vxc2E8Uaw2ItwogYZ3tuzk7sjg9MVfe+tY76OzkuYVupVLxwFwHdR1IXqRU9O99WK3Q5Hw34FXQdevL6S8W5gcMllb+Tt+yxuQzLuyd2SPQVHpHhDXNBiXTNJ8QQQ6HHITFC1juuYkJzsEpfbgdATGePzrsqKS0G9bnH3vw+t9T1DxHNfXjtDrcUCbI02vAYskMGycnJB6dqZB4O1q9udOXxPrtvf2WmypPBDa2RgaSRPuGVjIwbHBwAvIH0rs6KFpsD1OQj8I6xpmq30nhzXILKw1C4NzPBNZGaRHY5cxvvAXJ5wyt1p8ngdZ9Q8TTz3xaPXrWO3KCPBi2Ky7s55zuz0HSurZlRCzkKqjJJOABUNne2uo2iXVhcxXNvJnZLC4dWwcHBHHUUrJqw763OG8SaHeWXwd1TTNauV1GS3tSLV7CzaOQMo/d/LufLBgORge1bngHQp/D/AIMsbS/bzL90868lI5eZ/mcn8Sa6Siqu7t9/6/r0JsrJdgrH8VaB/wAJL4cudNW4+yzOA0Fxs3eTIp3I+MjOCAcZrSmvLa3uIIJ7iKOa4JEMbuA0hAyQo74HpU1TuM4G6+GX2qz0GBtU/wCQegS9YwZ+3L1P8Xy5bJ79a2tR8JG/8WNrQvBGG0uTT/J8rON7A7857Y6Y/GukopvX8fx0Yf8AA/DU47SvATabc+G5TqIk/sOKWMjycedvUjP3vlxn3rsaKKd7iSSCsnxH/wAeNp/2ELX/ANHJWtWT4j/48bT/ALCFr/6OStKP8RGdb+GzWooorI1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACmu6xxs7nCqMk06sbWrl5Zo9Ptz80p+fBHT0qox5nYzqT5I3GWEf9qam+oSgiKM7Y1IBz/nr+NblQ2tslpbJDH0UdT3qanOXM9NhUockdd3uBGRg9Kwh/xJdYxyba5+g2nP8ATP61u1V1GzW9s3jIG/GUPoaISSdnsxVYOS5o7rYtdelFZmiXrXNs0UzZliOD7itOlKLi7MuE1OKkgoooqSwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooACQqknoOTXiusXMvjjx4IbXJgLiGE9hGp5bOO/J56ZxXd/EXXhpPh9rWFwLm8yigEZVe5659s+tZXwr0IRWUuszqN8xMcHThQcE/icj8K5Kv7yapr5ni41vE4iOFjstZHfWdrFY2cVrbrtihQIowB0+lRarp0OraXcWNyMxzIVJGMj3Ge9W6K6rK1j2HGLjy20PGfB+oTeE/Gclhf/JHI/wBnm9Mg/K3TJHp0zmvZq8x+Kmh+XNBrduMbsRTkcfMPun8uPwrq/A2ujXPDcTOwNzb4ilGRnjocehH8jXLRfJJ038jx8BJ4erLCS6ar0/r9To6KKK6z2gooooAKKKKACiiigAooooAKzvEX/Ir6r/15zf8AoBrRrO8Rf8ivqv8A15zf+gGtKfxr1M6nwP0M/wALf6n/ALZiuhrnvCv+p/7ZiuhqHuWtgooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDB8cnHgTWCBk/ZX49a5jR/E+uaLZeF11qzsk0vU4Y7aPyixmgfygylyTtIIVug44rtdd0v+2tBvNN87yftURj8wLnbnviuYsfAepfa9Hj1zXU1DTdFG60gW08uR3C7Q0r7iGwNwACr15zSjfmfy/W4S2Xz/Sxzl58ZGWG51GxfTHtLaUp9gcSG7mVThipHygnnAIr0HxBrb6V4Pu9Ztold4bfzkjkyAfY1jWHg/XNFaWy0PxBBa6PLMZBE9j5lxCGOWCS7wo9tyNj3rpdW0yLV9FutNuGYR3ERjZhjIyOtEr8mm41bn8jBuvFtzBceE41t4iNdB87JP7v90H+X8TjmqXhfxpqGva1cxXA06CCCV45LPcy3UIGcM2ThgcdhUdl4B1n+0NBuNY8SR3KaHlbeKCxEQdNmzLEux39ORgcfdqwngjULvxZYaxruqWd2NNZ2tzBp/kzvuUrtkk3kMuGPAVe1U/idvMlX5bPc5n/AIXK00KanaPpslk0wVbACQ3ZTON2R8ue+MVuar4o1rWLjxBZeHrSzNnpUGy4e6Lb5nePeVTBwMKRyc8mrmkeENc0GNdM0nxDBDocchMULWO65iQnOxZS+3A6AmM8fnSX/gjUjrerXeha4mn2utIovYZLTzXDhSu+NtwCkrgHKt07VEleNl/Xr+JadpX/AK3Jvhv5p+F+k+SEWY2x2h+VDZPXHauc8E+JdfsvDOu6v4mu7e7s7K8uhhPMMuVkYBQWJAXsB2Fd14X0Q+HPDNlpBuDcm1j2ecU27+Sc4/GsGz8AyQ2et6Td6hFPomqSyzLAtuVmiaRix/ebyCATx8oq5u8pNdmRBWjFPuv1K9x4s8TaNY2Gsa7Y6edLvJY43itt/n2wkICFiTtbBIBwO9b/AIv8R/8ACMeGZdTjg+0zbkighzjfI7BVBPpkisWPwTrd5DY6f4h8QQXuk2EiSRwwWJimmKf6sSyGRgwHBOFXJAPHSt7xX4ci8U+G7jS5J3tmfa8M6AExSKQyNg9cMAcd6JWtp3/DT8dxxvdX/pnETXes2vxY0mbxLHZjydMuJBJZbgpA5IwxJzVeD4wSXH2O+hfTJrO6uFjFhEJDdojNtDE/dPYkY6H2rpLfwTqlz4lt9Z8R65DfPDayWpt7ez8mIqwxkZdmB9ck/QVJovhXxBokcGmWviK3GiW7/uovsH+lLHnITzS5Ujtny849+aI9L/1q/wBLCez/AK6GV4f1LxPP8UNft7m9s3023WBzCwkPloQx+QZwDxzWUPjK00KanaPpslk8wVbACQ3ZTON2R8ue+MV2kfhe8tPHF1rdjqEC2l/GiXlpNbF2bYDgo4cBevdTVPSPCGuaDGumaT4ggh0OOQmKFrHdcxITnYJS+3A6AmM8fnSj0uN9f66CW3ifX9U8eajoumWdlHY6ekEkl1cbyzCQE7QAfvcdelYU/wARvEkXh3UfEK6Xp7adpt4YJYd7ebMoYAlTnCnB7g122meHzp3ifWNXNz5g1IQgRbMeX5YI655zn0FYU3w7aXwLqvh3+0wDqFy84uPI/wBXuYHG3dz09RS6/wBd1+lxf1+Y+DxPq8XiQaPr9nZBL2ye6txbliVC5ykmTg8dxgVkaX4vv4/DvheHw9o2nwPq01zEIBlIoAjN8wA+mSK6m/8ACxvfFFlrAuwgtbOS18ry87t/8Wc8Y9MVn6T4CbTIfDkZ1ES/2LLcSE+TjzvNJOPvfLjPvmn0/ru/0DX+vT/MoS/EibRtD12bxBbW5vdIuUtyLYlYpTIcIfmyRz1o8N/EOfUvFVvo91Npt+t1EzpPpiSAQsvZ9+evYir178PIdR/4SAXV84GrzRTxNEm1rZ4+VYEkhsHB6dq1tG07xHBdCTX9ctLyONNqRWdibcMfVy0jk/ht/GiPn/Wn+Y5baGB4+e+j8X+EDpUMUt0bi4CCZsIP3Y5PcgegoT4g3Wn6Trja3Zwy6hpNwluI7MkJcNIcRhd2SMk45ro9W0A6nr+jakLjyhpckjmPZnzN67cZzxj8axb34dW+p/8ACQre30mzWJopkaFdj2zx8qwJJyQcHp2qddf67f8ABDr/AF5jJfEviTQtS0yPxLa6dJbalKLdJLEODBIRwG3E5B9qqz/EO/g8Kz3ZsITqltqMlnLbZO3agLlh3/1YB+prRt/CetXup6fc+LNbtdQi01xLbw2di1uGk6BpC0j7sdgNtB8BI3ju611r7NldW7I+n+Vx5zAKZd2f7gC4xVP+vw/4K+aD+vz/AOB9xb0/xPLqni1dNs4o2tEsFup5cncruRsUduRk/hXSVzHgnwe3hKzukuL77fcXEmTN5WzCDOxMZPQE8109N26f1/Wwlfr/AF/W4Vk+I/8AjxtP+wha/wDo5K1qiuLaG6RUuE3qkiyKMkYZSGU/gQKqElGSbJnFyi0iWiiioLCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAIbu5S0tnmkPCjgZ6n0rN0O0c+ZfXI/eTHK5HY96qazeRzaglvP5iQxHLYAyx9quL4isVUKqSgAYACDj9a6OSShotzidWEqt5PSP5mvRVeyvY76Aywhgobb8wxVisGmnZnYmpK6Ciiql9qUOn7PPDnfnG0Z6f8A66Em3ZClJRV2Z2pxNYajHqMK/JnEgAH+ea2YZVnhSWM5VwCKyLjXNPubd4ZEm2uMH5Rx+tM8PXn37T5mVSWR8YwPetpRk4Xa1RyQqQjVtF6P8zdooorA7QooooAKKKKACiiigAooooAKKK5rV/Fk1vrw0LQdNGqaoIhNKjz+TFAhzgu+1iCccAKaAOlori9b8W65pOkWk11pENjdSanBaOrTefE8ch5ZGAQ5+qj8a3dKvNQk1DVF1KbTzbwSgW4tnJdEx/y1yeDRv/Xp/mH9fn/ka9FUrLWdL1ISHTtStLsRjL+ROr7R74PFJFrelTXaWsOp2clxIMpClwhdh6hc5PQ/lQBeorA0/wAbaFqXiO80S2vovttoVVlaVMSEjOE5ySO/FTeI/Elv4dtoDJBLdXV1J5Nrawgbpn9OeAPU0dLh1sbNFc9pureJZNRhh1nw3b2ltMp/f2uo/aDG2MgOpjTAPPIJ5xx3qz4c8QDxBb3sotvs/wBlvJLXG/du2HG7oMZ9KdgNiiuLl+IixeG9Z1b+zCRpeoyWJi8//W7ZNm7O3jPXGD9a7KJ/MhR8Y3KDj0pbq/8AXcHo7f1poOooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACgkKpLHAHJJ7UVzXj3W00bwvOo2me7BgjU89R8xxkHAGefXFTKSjFtmVWpGlTc5bI818RX8/jDxmIbTLI0ggt1JIAGcZ9s9TXs9haJp+nW1nGxZLeJYlY9SFGM/pXnXwr0LLza1OvC5ig+v8R6/hyK9Nrnw8XZze7PNyylLlliKm8/yCiiiuo9cqarp8Wq6VcWU4+SZCp56Ht+teReC9Wfw14wayuHP2eaQ28vUDdnCtj68fQmvaK8m+KWg/ZNTi1eBf3V18kvtIBwevcD0/hrlxCatUXQ8fM4Sgo4mG8fyPWetFc/4J1lta8L280xBnj/dyfMCSRxkgdM10FdEZKSTR6lKoqsFOOzCiiiqNAooooAKKKKACiiigArO8Rf8AIr6r/wBec3/oBrRqO4gjuraW3uF3xSoUdc4ypGCPyqoPlkmTNc0WjD8LriD/ALZiugqG3s4LRcW8ewYx1J4qak9xrRBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRWb4i1OTRvDd/qMMaySWsLSKjdGI7GuLXxt4rjk0A3Gmaay+IYz9mSORw1u+wMC5Jwy4JOBg0bu39a/wDDA9P67Ho1FcZp3jDUGsdfi1SGxTUNFcK7o5SBlIyGyxJGMHIrP8OfEWXUvE0uj3Nzpl8xs2uYptOWRVBXOVYOfbqKOtvn+oHodFeb2nj3xF/Y+l67qOn6fFpd7ei0aKNnMwy7KHBzjGQOMZ61dufiFNpmk+J5dStYhfaK+IYIycThh+668/MeKOn9eX+aBa/1/XY7uisXUtWvdK8FzapcwRNewWvmvEudhfHIHfFc7beMtftp9AutdsbGLTtcIjjWAsZbd2Teu4k4IIDdBxxR1a/rX/hhX0v/AFod5RXCJ4r8T6rp17rPh+x099NtXcRw3G/zrkJ94qQdq56DIqve/Eie4OhNpC2dnb6vai5S41IPsJPSIFSMN9eKFr/Xf/hitv67HdnULMakNPN3CL0x+aLfzB5hTON23rjPGaL6/tNMs3utRuobS3TG6WeQIq5OBkniuNv9WnbxxFa2un6empS6E9wt64LMhDj5Aw6pk5+tcxp2u60nwRudW8TxadrcSrlIrlHcyESY/eFic47Y9BQtVf8Ardr9BPR/12T/AFPYQQQCDkHoaK5G58Q6zf8AiGfRvDEFir2MKPcz3ocoC4yqKFIOcEHNZc3xE1JfDUs8emQnV7TVU0y4t2ciMuQDuU+hDAjNG/8AXnb8xdLv+tL/AJHoVFcRF4w1mx1HWNO1mwt7m8stPN/AlhuHmqP+WfzE/NnAzVzwP4mvvEtl9pu5tMmRkDD7CWDRN3R1Yk5HrQtdv6/qw3p/X9dzq6hu7y20+1a5vriK2gT70srhVX6k1Hqhul0q5Ng0a3IjYxtKCVBx3xzXjzX3iG/+AN5d65c297uUeUyl/NYiXozMSKO/kD0Vz2vr0orirbxZq+m+Ik0zxNbWaJPYvdwtaFiYwmco+TgnHccVztv8YJLj7HfQvpk9ndXCxiwiEhu0Rm2hifunsSMdD7ULV2X9dA6X/ruer0Vz/jbxFP4Y8GXutWVst1NboGSF8gPkgY4+tZt74k8Q6baafa3VpYPrGqzbLWKMv5cKgAkyEnJxntjNHWwHYSSJFG0kjBEQFmZjgADqTTba5gvLdLi0mjnhkGUkjYMrD1BHWuJm8SavBqN94c8S29p9ouNMmurW5sgwjdVG1lIYkgjcp/GsXw34n13w/wCDfDt5fWVmNFmkjtHAZjOm99qyZztxuI4xnFC1f3fm1+aE9Px/R/qeqUVxZ8SeItZvdUPhi208WemzNbs17vLTyJ94LtIAAPHPeuc1zxdr+t2/g7UPDs0Onpe6i9vPbzl8+YiyBkfaRuTKnj1xQtbedvxG9L+V/wAD1eio7bzxbR/azGZ9vzmIELn2zzipKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAa0SMcsisfUio5oYvIf92n3T/CPSpqZN/qJP90/yppktKxmeG/8AkGN/11P8hWtWT4b/AOQY3/XU/wAhWtV1PjZlh/4UQrF10ZvtPB5HmH+a1tVi65/x/wCn/wDXQ/zWnS+MWI/hv5fma/kRf88k/wC+RSrGifcVV+gxTqKyub2QUUUUDCiiigAooooAKKKKACiiigArziTUrXwZ8WNYv/EcqWOnazBAbe/nO2FXRdpjZzwp4yAeua9HpGVXGHUMPcZo63DpY858d69pmv8Ah/Sp9Gu4723j120X7RD80TncfuuOG98E4rm/EEOoT2vjtdMMgK6jbtP5aF28kcv8o5Py54717UEULgKAPTFG0c8Dnrx1pJWv/X8v+QdU/wCuv+Z5RoVrpWoa/wD2lpXi7T9WkgsJUeHSbJI49pHHmsjMAfQNg9az102z0/4ZeE76zto4bttahYzqPnO6V1PzdcEcY6V7MsaJnairnrgUu1cAYGB0GKfVPtb8Hf8AEVt/R/irHnGg/wBkad8YvEFveiytry7WCSySQIry4U7igPJ98Vf8fxT2OveHPEXkST2OmTyC7EUZdo0cD95tHOBjk9q7jYpbcVG71xSkZ60apK3QfV+Z5hH4htdS+JWh/wDCI+K5tZtrlppL+1t7tJ4oIxH8pIUfINxHU9an8NeJtH8H3Wu6Z4p1G10m4OozXMIvJRF58bnIZN2N34Zr0ZY0Q5RFU+wxQ0aOcsisfcUbbBvv/W/+Z43d2twnwe1+/ubeW3XU9XlvIY5kKN5b3GVJU8jIwefWvYbX/jzh/wCua/yqQgEYIBHpS09ErL+rKwO7d35/i7hRRRSAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvEPH2unWvEkiRsTbWmYoxzyf4jg+/H4V7fXN3fgDw7e3clzNZMJJW3NslZRn6A1hXhKpG0Tzcww9bE01Cm153Ob0v4laJpWmQWVvp94EhQKPuc+/Wuq8NeLrHxQs/2OOWJ4CNySgZwehyOPWsLX/APh+w8O393bWsizQwO6EzMcEDjjNZXwh/4/NU/65x/zasoyqRqKEjkpVcXRxEKFVqz7HqFFFFdh7pzviXxpYeGLiGC7immllXeFiA4XOM5OO4Ncnr3xE0XXNDubCWwvAZU+Rjs+VhyD19f0ql8Wv8AkY7P/r0H/obV1Gn/AA78OXGm2s0tpIXkhRmPntySAT3rilKrOcoR2PBqVMXiK1SjTasu/mcf8NddOm6+LCZj5F6QgHPD9j+PSvY657TvAugaXfR3lpZkTRHKF5GYA+uCetdDW1GEoR5ZHdl9Crh6Xs6jT7BRRRW56AUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAZ+vaWda0C900S+SbqIx+Zt3bc98ZGax5PBpdvCx+3Af8ACPjB/df6/wDdhPX5eme9dRRR/X3A9f67nD6t8OBqsPiJW1MxtrE0M8ZEORC8Ryu4E/OpOMjjIyKksvBmsP4pj1zXddt7uaO0e1SC1sTBGqsOozIxz+P5V1l3qFnYGEXt1DbmeQRRCWQL5jnoq56k+lQya5pUSTvLqVoi28gimLTqBG56K3PB9jSXl/WlvyB/1+f6HOSeAmk8FaZoH9ogGxvFufP8n7+2Rn27d3H3sZzWL4l8MnWfjLokkKzC2ig8/UQU/dSiNgYgTjBIfBxnpmvRrm6t7O2e4u544IIxl5JGCqo9yakR1kRXRgysMqwOQR601o0+zv8AO1haWt5W+RieNIZJ/BGrRQo7u9swVUGST7Cuc0HwZqt5b+HZvEOsLd2GlwJLbWYtPLl8wxgAyvuIbaCwACr15zXf0ULRt+n4X/zG9fx/GxwqeBNa0+1vNJ0LxHFZ6LduzNFJZGS4hD/fEcvmBR7ZRsH1qzq/gq9m0ODRNE1Cyt9JS2W2a1v9P+1DA4DKQ6YbHruHtXY0UraWHfW5yWmeBItL1vTryK+eSCx0n+zBE6ZZxuB37s+3TFZo+HV+3gXUPCsutW5spj/osi2REkILbiHPmYf8Atd/RT/r8b/mL+vwt+RyN74R1O38Qzaz4W1e3sLm7iWO7jvLQ3EUm0YVgqyIVbA9SPaox8PwNCjszqLPdvqaand3TxZ86UdQFz8owABycADrXZUULT+vO/5iaurf1tb8jm7vwrcS+KrzXLTUzazXGn/Y4wsIYxNkEPknB6dMfjWBceHdU8OtrPime6trvWp7UQQrpmnmBWOeGZS7l2yepOMdq7y0vrS/jaSxuYblEcozROGCsOoOO49KW3vLa6eZLW4imaB/LlWNwxjb+6cdD7UraWX9X/4cq+t/60/4Yq6PBer4ds4Nam8+9+zqtzIABufb8x4465rk4fh7fr4KvfDE2s27WUjZtXWzIkiG/dhj5hD/AIBa7yiqbu2ybe7ynPaj4UXUvFVnq81wPKt7SS1e38v74fvuzx+VUNF8K+INEjg0218RW40S3f8AdRfYP9JWPOQnmlypHbPl5x7812FFJabf11G9TG8WaAfE3hq50kXP2Yz7f3pTftwQemR6etV/E/hdtdFhc2V6bDU9Nk8y0uDH5igkYIdMjcp9Mj610NFAHJWng++n1G71XxHqsN7qMtm9lAba1MEMEbckhC7ksTjJ3dFHA75tn8OdRS10vStS8QLeaJp06XAt/seyaVkO5VaTfjYGwcBc8da7+ihaO6/rr+YPU4tvBms6df6k3hbXbews9Tlaee3urJp2jkb7zRsJE2564Ibn8qdffD8Dw7o1hod+LW50e6+1QXF1D5wdyG3l1DLnO8ngiuyoo2VvT8Ng3f3/AI7kduJlt4xdOkkwUb2jQqpPqAScfmakoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApk3+ok/3T/Kn0yb/USf7p/lTW4nsZnhv/AJBjf9dT/IVrVk+G/wDkGN/11P8AIVrVdT42Y4f+FEKxdc/4/wDT/wDrof5rW1WLrn/H/p//AF0P81p0vjFiP4b+X5m1RRRWR0BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAZHiz/kUNV/69ZP/AEGuG+EP/H5qn/XOP+bV3Piz/kUNV/69ZP8A0GuG+EP/AB+ap/1zj/m1ctT+PE8bEf8AIwpej/U9QooorqPZPJPi1/yMdn/16D/0Nq9Q0n/kC2X/AF7x/wDoIry/4tf8jHZ/9eg/9DavUNJ/5Atl/wBe8f8A6CK5aX8WZ4+D/wB9rfIsySxwpvldUX+8xwKRpo1kCNIocjIUsMkeuKx/F8bSeGpygJ2FXOBngHJrNm1K01LxXBJYTLPGtjKPMTlc+mema1lUs7f1tc9CpW5Jcr8vxdn9x0y31o0ywrdQmVuVQSDcfwqDU9ThsbWYieEXCxlkjdxljj0zk1xdvNp8vhuxtbLb/azXSsiAfvciTJb127QeelWbiWyiTXINW2m+kYmJGGXdcfLsHUj6VnOo+R28/wAv+CYRxTkltrb0V76Pz0/E6qy1ON9Gs7y/mhgaeFHO5gq5IBOMmjUNbsdMsUu7iZTFI6qhRgd2TjI55AzzXLm9jitdHguZbayiOnowubqMOrHA+QAkDP681VjUTeA5nkxKkOoKwdo9oVPMQk4PQYzVzqe80v61SZmsVLkst+W/z5bndfbrQWwuDcwiE9JDINv59KkiminjEkEiSoejIwIP4iuR1eWFtR064ivbW30wxMFnKLJCH9+QBWr4ZtoYYrqW1vheRzTbt0cWyMHAzswSCPp3zVRk3Jo6I15Sqclv6te5rPeWscojkuYUckKFaQA5PbFIb60Fx9nN1CJs48vzBuz9OtYum2kEnizWLiSJXkTygpYZxwTx+VcxqV+s1gzi5tre6W5z9iSHM0eG6ls5H1xip9o9L9SKmKdODm13/A7f+3dP/th9NM6LcKgY5ZQOSRjr146VakvrSKcQS3UKStjEbSAMfwrAl+yW3jx2uvIiM9oghMmBvcM2cZ6npWKsUcsV9aapq0FpdPM2YZLcNM2T8pQ5yfbApKo7ff8Ag7BLETg2tN7fhc9AoquIpRp6xQzlZAgCyumefUiiziuoY2F5dLcsTwyxbMD0xk1v1sdik9NCjBrKjVL+C9lggit2RY2dtu7IJOSTz0rTWaJpPLWRC+N20MM49cVyL3Gk2viHW21gxoGRAjTD5W4OVGeC3sOar5uNC0fS9YuEkzGnkzKQd2xvu5+lc6q2V2cSxEo3T1tf5JP/AC/I7dJY5CwjdXKHa2052n0NZmuazHpumXMlvNA13Em5YXYEnn+7nNHhyyez0SMzf8fFwTPKf9pzux+GcfhXI3stgvhnVLW92nVPPdihGZeoIbHXbjv0qqknFW62Kq15KkpbXv8Al+Z3RvoIbeKS7nhg8xQRvcKCcds1Q1/W10vT4pLeW38y4kVImlbK4P8AFjIyPxrBuz5WvM2oX9vZQPbIIHuogyNxyAWIANLd2MEHhrTkWX7XH9uBSR4tvylicAH+H09Rihzctu/62M5YibjJLomdTHexW9nE9/fWu5x/rQQiP9ASf5mrH2iHbG3nR4k+4dw+b6etcxrd3BDrgtp5bTTolt9yTXEQcS8/dUEgZHtzWZZS+V4d0e7uZMQW1+d8jLtCLuwCfQUe01/rvYuWJcJOFtl+VvmdfquofYtNu5oGjaeCPfsY5x6ZHWq8PiOyE9pa3U8cdzPAJT8wCjpxyeDzwK567u4b688RT2r+ZE1pGFkA+VuvIPce4qf/AEO217RJ77yY4pLEoHlwAz/JgZPfrSU25eX/AO1/kiJ4iTd4PT8PiSOruZZIrZnt4fPkx8qBtufx7Cs221yT7fcWep2i2ssMXnZjl8xWTnnO0c8HtV6/ube1sXkupzBD0MqnGzPfPb61ykKrc6vfxaRdf2nBPZnzbkv5hR+ipvHH4U5yaenn+TN61RxlGz+Wn/DmsviWZYre7uNPEen3EojSbz8uMnCsU28An371uvIkUZkkdUQDJZjgAfWuLkv7fUPDNjpFs6vf+bEj24+/HscFiw6gADqa6DxDDby6KYry5+yx7l/fEZVTnjd2x9afNo2tf6RFKtJpu99E/R63X/DmjHdW80JminjeIdXVwVH40lvd212CbW4imC9fLcNj8q4qe6uL3Qp/IWARQ3aCW6tF3RTJgZYD0HcD0q3bW6Ty3dzpOrQ3tx9jdFS0hCpk9NxUkZz0HXrS9q90v6tcUcU5SSS/q9tPT5nUx3trNMYYrmF5V6osgLD8KnrnNAudFeCzggMJvkX5owP3iNjncOo/Gtm8gvJtn2K8W2x97dCH3fqMVpfTub06rnDm39C1RTUDLGodtzActjGT9KdVG4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAZPijUr3R/DV5qGmQR3Fxbp5gikzhgOvT2rDbx3v8AE+j2dvBG9hf20cks5J3RvIrNGvp0jfP4V188KXFvJDIMpIpVh7EV5/B8LprfwjqGkprZN3PdCa0vTb/8eqLgIm3d82BuGcj71LW/9fP/AD+Q91/X9f8ADjLvxa2o2mmX13pNjcwS+II7SzaVSxVdwUTDPRgc4PtXMa7/AMgfxr/2MEX9K9Cu/A8c2i6Dp1vdiFNIvIbot5WfNKNuIxnjJzzziqV/8OmvbPW4P7TCf2rqC3obyM+VjHy/e56dePpTSs/6/uf5Ml3a/r+9/mi/8RiV+G2sFV3EW4IHr8wrM07xPrelahoNnr9rZR2OqxeXA0BbzIXWPcA5JwchT0Arp/Emi/8ACQ+GbzSPtBt/tUezzVXcU5ByB+FYVh4J1H+2dNuvEGtx6lbaQhFlAlp5Tbiu3fI24hyFJAwFHNLW7/ruHRf12OX/AOFyPNAup2jabJZNMFXTwJDdsmcbsj5c98Yr0DxTrkmheD77WbWFZpLeESJHJkBuRwfzrH0jwfrmgxrpmk+IYIdDjkJihax3XMSE52LKX24HQExnj863fE2inxF4ZvdJE/2c3UezzSm7byDnGRnp60S+DTcrTn8jkh4w8WR6xpOnzadpZfW4Gktijvi2YLu/ec/MMZ+7ipY/iDd22h6m2pWUMmq2Gof2eIrYkRzSE/IRnJAIwTW1L4TMmveH9R+2Af2PC8Zj8r/Xbo9mc5+X171m3Pw5hvYNbS41CRX1G/F/BLEm1raQAbepO7p7U3v5f8FfpclXsu//AAH+tgk8SeJNE1nTbLxFbadKmqlobeayDqIpgpYK4YnIIB5HpUC+PL9/B0F2tlb/ANtzX66eLTcdglLhT3zgKd34Vfs/CusXetWOo+LNattQOm5a0hsrJrZPMYYLvukcsccDG0DJ69iDwMsPjttd+2qbPcZ0sPJ+5cFSpk3Z9CeMfjTW+v8AWv8Aw/4A9tP6/rT8Tm9V+LEkV9qaadPpUSabM0DW92JDLcOhw2zbwozkDOa2F8baprerWWm+GbO3jmk01NRuGvw2I1ckLGApB3ZVuenFWV8Ja1peqX0vhnXLWystQnNxNb3NiZ2SRuWMbiRQuTzghufyp+p+ENRbxFBrmg60tnffYxZXT3dr54njByrYVk2uCW55HzdKlbK/9aP9bFPd2/rVfpcofCNpn8L3zXMYjmOpz70U5AOR3rI03UfEVhqXjO40O1snhtdSklkN0WJlwoJVdpGDjua7Pwb4Yfwpo81lJftftLcvcGZ4whJbsQOKxLnwHrS3OtHSfEqWtvrU7SXEUtl5hjB4/dkOMNjuQw9qNU9O1vnp/kJW697/AC1/zJNJ+IP2zWES9gjt9Pu9IXU7OXJ3EDPmo2eMrlenrW54R1m78QeHINUvbeO3NyWaKNM8R5wpOe9cV8RvCKS6H4V0TQluI5obpbWKSNd223KYlDtjABCj05xXpVpbR2VlDbQKFjhQIoA6ADFVprbvb9fyaXyYtdPT/gfo2ec22hnSfjpazy6hd3095p80jNcSZCDecIq9FA6cV6ZXDXXhHxXceNIfEC+IdJU28bQRwnSZD+7Y5wT9o5b34HtXcjpz1pL4EvX82N/E33/yQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUyb/USf7p/lT6ZN/qJP90/yprcT2Mzw3/yDG/66n+QrWrmtI1e3sbMxTCQsXLfKAew96v8A/CR2X92b/vkf41tUpycm0jko1qcaaTZrVi65/wAf+n/9dD/Nak/4SOy/uzf98j/GqF9qMOoX1l5AcbJOdwx1I/wopwkpXaFWrU5Qsn2/M6WiiisDtCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAyPFn/Ioar/16yf8AoNcN8If+PzVP+ucf82rufFn/ACKGq/8AXrJ/6DXDfCH/AI/NU/65x/zauWp/HieNiP8AkYUvR/qeoUUUV1Hsnknxa/5GOz/69B/6G1eoaT/yBbL/AK94/wD0EV5f8Wv+Rjs/+vQf+htXqGk/8gWy/wCveP8A9BFctL+LM8fB/wC+1vkW+tMeJXjZMYDAjIHrTmZUUs5CqBkknAFRW95bXe77LcQzbevluGx+VdOj0PXuk7Een2EenWMVtGS4jBAZhyckn+tWSoJyQM/SsfWNcWzWBbKa3lla5jikTduKqxweAeKt291Ms90b6a0WFHAi2Pyo/wBvPQ0lJPb+v6uZKcIv2a6f8H/IulQeoB/CjAxjAxSGWMSCMuocjIUnkj1xUH9o2ZWVluoWEIzJtkB2/Xnim2lua3RY2jGMDHpilAAGAMVQ03WbHVbIXNrMuzGWDMMoPcA8VML+3nglezuIZzGpJ8tw2OO+KLpK5MZwkk4vcs4pNq5ztH5Vm6PrEd9Y27XE0CXUwJ8pXAJ5I4BOe1Jp2pS3Wo6lDMI1jtZQqEDHGM880uZXJVWElFrr/lc0yAeoFG0E5IGfXFRW97a3efstzDNt6+XIGx+VUtR1N7LVtPtyY1huDJ5rvxtCqT1zx0ptpK5UpxS5un9I06KgS9tZI1eO5hZHbarLICCfQH1qUyxiURl1EhGQmeSPXFMrmTFKg9QD+FU9U0yPVbdIJ3ZYlkV2VQPnwc4PtVvzY/N8revmY3bM849cVG15bJCZXuIljBwXLgKD6ZpOzWopKMk0ybp0pNoznAz9KjN1ALf7QZ4xDjPmFxtx9elIl5bSQGaO4ieIdZFcFR+NMOaJKVB6gH6ilwPSo4bmC43fZ5o5dpw2xg2D+FSUDVnsIVB6gH6ijAxjAx6UtFAxNo9B+VBUHqAfwpaKAAjPWkAA6AD6UtFACbQDkAZ9cUpGevNFFACAADAAxQFA6AD6ClooAQKAcgDP0paKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKzfEWpyaN4bv8AUYY1kktYWkVH6MR2NcUvjbxXHJ4fNxpmmMviGM/ZkSRw1u+wMC5JwwwScDBo3dv61/4YHp/XY9Horg1+IN1p2k66dbs4ZdQ0i4SAR2ZKpcNIcRgbiSMk45qabxL4l0LUNMTxJbadJbalKLdHsg4MEp+6G3E5Hbijf+u4HbUVwq+PL5PB13eXFnANYt9ROnC1VjsaQuAvvgoQ1ZWq/FKeHUdQtLK40i2l0393LHeiVmnlxkhNp+UdsnPWldf19/6r7x2/r8D0+iuA/wCE81bVbzw/baBp1vG2s2Juib4sPIx2IGCapp4/8TPoGp6o2m6bHHol21tegs5+0YZcmLn5flYH5s809nZ/1Z2/Mm99v66npdFee678S0ttbTS7C606xkFqlzJNqSyMpDjhVCYOff2qOD4j6pqOg6Lc6Zplu95qF69nIkrMsYKnBdT12nGR7Uf1+NvzHt/Xlf8AI9GorzTWPFfiKXw54v01ms7XWNGgWT7TbiQRtG6EgrzuDgqe/pXV+CZdXuPCllNrs1tPNJCjK8AfJBH8W4nJoWt/l+IPS3z/AA/4c6CiuOtvEXiHW9U1A+HrfTjp+n3LWzfaS/mTspw+0ggLg5HIPSnTeItd1XxFqGl+GLewjGmBFuZ7/eytIy7gihCOgwST/eFLdB1sdfRXnc3xI1A6BZz2mlxHUpNWXS57aVyFVycEg+nOakj8U+L317UtC+x6Qb2xhW5N0DJ5LIwzt2Z3bs8Zzin/AF+F/wAmH9fjb8z0CivPn+IOp3el+FpdI0+2a51ySWGRZ3IWF4wckY6jIP4VCPGfi54tehjsNJ+06Dl55Sz+XcLtLBUXOVPB5JIpNpXv0Ba2sej0VxOreOnj0HSdRsrjTbCPUYFnV9SLt1GdoVMEnnr0rOg+Jd7eeA4dZsLO1ub06p/ZzoGZYnO7G5SeQCMHmnrdr+t7fmK6tf8Aruej1BcX1paSQx3VzDC9w+yFZHCmRvRc9T7Vxv8AwnF/ot5rVr4pt7UvpunHUVay3ANGOqncT83TmsDV7/xFqGseCrvW7axigub9ZY1ti26LK52tknJ9xihatW8vxdv0Y3om/X8r/qj1iiivP7+zg8XfFK50fXENzpemWSTrZScxTSOfvOvRsds0dUg6NnoFFeamzi8E/E6ytPDkQtdN1OylknsIhthSSMcOqjhSe+OtOtPHviL+x9K13UbDT4tMvr0WjRRs5mGWZQ4OcYyBxjPWha2t1/zt+YPS9/66npFFeZ618Unh1fU7TS7nSrf+zWMbR34kL3DgZwuzhR2yfWu68O6wviDw5Y6skEluLyBZfKkHzJkZwaFqroHo7M0qKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAZ5MX/ADzT/vkUeTF/zzT/AL5FPop3YrIZ5MX/ADzT/vkUCGMHIjTP+6KfRRdhZBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBkeLP8AkUNV/wCvWT/0GuG+EP8Ax+ap/wBc4/5tXc+LP+RQ1X/r1k/9Brg/hLNHFd6n5siplI8bmAzy1ctT+PE8bE/8jCl6P9T1Oioftlt/z8w/99ij7Zbf8/MP/fYrpuj2OZdzyr4tf8jHZ/8AXoP/AENq9Q0n/kC2X/XvH/6CK8t+K0scviK0MTq4FqASpz/G1epaT/yBbL/r3j/9BFc1L+LM8fB/77W+RU8TXJtNCmlEKyjIB3AlUGfvHHYda5yyl83xNKun38F5usHG+1iCIWHQZBIJ5ruevWkCgdAB+Fayp80r3/q1j0KtF1JqV9rfg7nn0k2mvo+kQw7Gv4ryPzgoy6Hfzv8ATn1qxqMbSW3iLYCdlwjnAzwOTXcFAVOMAnvjpVLTdLXTzcO0zzzXD75JHAGfwHFL2bv/AF5f5HO8I9I302/Br79TBm1Gy1PxXBJaT+dALGQNLCCw98EdSPQVHocsAvTp1q9nqUHkORPCBvjGR8sg9ST354NdgFA6AD8KAoHQAfhR7Pz7/jf/ADNlQlz87et77emm/kcRY3ttaeBSsEcEtxDhLhO8XPVwOcDrRp80b+KZBa38F5G1i4Z7aIIhI7ZBIJGa7faOeBz14oCgdAB+FN023dv+rWIWFa5VzbW/B+p5/BLp7+HLG0swo1Y3SskYH70HzMlvXbtzz0qe+S5eHXhbFsi5jMm1dx2/xcd+K7naM5wM/SlwPSl7LTf+tP8AIFhNEm+ltF5Nffqcro8Vnca3Dc2msW920cRUpaQBVwf75UnHtn3qTxM1smuaLJfjNukkhckZVfkPJ9s+vFdKFA6AD6ClIB6jNXye7ZGiw/7tw72/C3d+RxS2aaqmsS6UVNsHWS2eP7pkUZJX8fStDwzcHXL641t0KoyLBErDBXA+f/x4kfhXRSx+ZA8asY9wIDKOlV9M0+LStNhs7fJSIY3Hqx7k+5NTGHLLy/X/AIYlYdqafTVv79PuuzGu7u30vxr9pv5lgimsikbucBmDA7R7+1Y1r9ll8Pxy3F4lkyXkkkTXKYjJz0bPT8a7wgHqAaNoIwQPypezffv+LuOWHcpN30f+SXc4a4upbvT9MunENhZrPKJZAm+HrhXwcfKeSD05p1zbW/8Awj+tT2uopepNGgYwRBIgQexBIJ9ce1dvgYxgY9KMADAAxR7K6d+v+RH1V7t/1a3cr2FrDaWUUdvGsahB0HXirNV7+wg1Kze1u1LRP1AYj9RU6KERVXoowK26nXFcvupaC0UUUFhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBn69pf9taBe6aJfJ+1RGPzNu7bnvjIzWPJ4NLt4WP24D/AIR8YP7r/X/uwnr8vTPeuooo/r7gev8AXc4y9+HVtqZ8QrfXsnl6zLFMhhXY9s8fKsGOckHB6dqfbeEtavdSsLjxXrltqEWmuJbeGzsTb7pB0aQmR92PQba7CihabA9TkZvAol8eDXRehbIlZ5NP8nO+5VSgl35/uHGMdgc0SeE9Z0/Wr+98La1aWMOouJbmC8sWuMSdCyFZE25HY7q6Y6jZjUhp5u4RemPzRb+YPMKZxu29cZ4zRfahZ6ZZvd6ldQ2lumN807hFXJwMk8UB1MZvC8j+KtK1mTUXmawtXt2EkY3TFv4iRgA+wFZ//CBN/wAIx4h0j+0RnWrt7kS+T/qdwT5cbvm+51yOtdiCGAIOQehFFFv1/F3/ADD+vu0OPn8HalZ6rFqnhnV7eyvDapa3Qu7MzxTKg+VtqyIVYf7x69KuXHhe7vW0Wa/1Uz3Gm3JuZJDAFEpP8KgH5QO2dxx1J610lV31Czj1COxkuoVu5ULxwGQB2UdSF6kUf1+orK39ehzk3ghLjVPE1zPekx69ax25jWPBh2qy5znn73oOlafhjS9R0bRIrDVL63vmgASKSC2MPyDgAgu2T78fStiq66hZtqLWC3UJvEj8xrcSDzAnTcV6496FoM5hPCOsaZq17J4c12CxsNQuDcz281kZpEdjlzG+9QuTz8yt1oufCGrWXiG91bwnrVvYPqSr9thvrM3KO6jasiBZEKtjg9QcDgd+voo2A4z/AIV5Gml6Xaxag5ls9TTUrieSPcbiQMCwwCNuce+PetOPwwY/Fuqa39rBF/aJbeT5f3No+9nPP0wK6Cij+vwt+Qf1+N/zOK074fNYQ+Go/wC0g/8AYU88xPkY87zN3H3vlxu981ej8HGObxNJ9tB/t1cAeV/qPkK+vzdfaunopNKSafUFo7o4RPh9qOnvot1oWt28F9puniweS6sjNHIgH3lUSKUb/gRHtS2Pw5mtfDo02fWTcSnVxqj3DW4G48ZTaDxyOv6V2aX1pJfSWUdzC11EoeSAOC6KehK9QDU9Vd35v63v+YuVW5f62t+Ry+peCbfV/EGo319cFrbUNMbT5bdUwQpPLBs/0rKtvAGtPcaGdX8TR3UOiSq0EcVj5ZlUDH7wl2y3uNo9q72q9rqFneyTx2d1DO9vIYplikDGNx/C2Oh9jSWm39a3/Njeu/8AWlvyRU0ew1Oykvm1TVjqKz3Bkt18gR/Z48DEfH3sEE5PrWVrfhO6ufEUPiDw9qa6bqiRGCTz4DPBPGezoGU5B5BDD8a6Ka9tbe4ggnuIo5rgkQxu4DSEDJCjvgelTUdvIO5yumeELsatcaz4i1RNR1SSA28TQW/kwW8Z7IhZjk55JY/hUEngMyeC9L0H+0QDYXiXPn+T9/bIz7du7j72M5NdjUNre2t6shs7iKcRSGOQxuG2OOqnHQjI4o7eX6f8EP6+85Z/Ces6drN9eeFtatLGDUX825gvLFrjEnQshWRNufQhq6q1he3tYopJ5Lh0UK0smNzn1OABn6AVLRRsrB1uFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAE4BNcnonjG+17TdNvrDQXeG6upYLhhcj/AEVUYrvOQN2cdBWJf29nrnxN1ez8STMtpp+npNaxtMY1QH78vBHI457VyXhi4MfhnwF9lunkhk1y4BdZM+au58Ekdc06a5mv662JqPlX9drnulFeFeK7173RdV8U6dBZ262moiCK9u9QkF15iSKCqoBsx1AUnOM11D6bD4j+KMlvq7zTWw0WOY24lZUZyV5IH1qVdpf10uU9G/662PTaK8LsrZrf4X6f4h+13U2q2uo+RDcyzElIllZAmOhGB3rVvbHWPFnjfxLazwabcCwMaWyX17NC1vG0efMRUUg5bPzH+77UX7f1t/mH9fjY9Tu9WsbG/s7K6uFjuL1ilvGQSZCASR+QPWrleN3/AIcgvdW8AL4hmt9Xnkkkhmu4JmMcwETEANxnkDn2qzqun6nr/wAQtZ0gW2nT2unQQizgvryaHy0KDMiBFOecjJPbFVt+P4B/kvxPW6K8im0i8vG8DaRrGsLeo1xdLPLYzsUmRVOIy3BIGAD9K7/xE8vh7wHqT6FAfNs7KRraJcsQQpI9zUyaim+w4pyaXc3q5u98UXS+NovDmlabHdSrbC6upprowiGMttG0BG3tw3Hy9OvNcHqOn6bp3w/0fxJ4fv5ZNaungaK9EzM1474LAjODnngDitO18P6bL8fry4mtFMy6RDcbt7cSeY4J6+gq+W0+V93f5K5N7w5l2T+9pHoOpatY6RDFLqVwsCTTJAhIJ3Oxwo4HckVTn18QeMLXQvs243Fq9x5+/wC7tOMbcc/XNcn8YNKstQ0fSJL2ASbNWtULFiMK0qg9D6Go9X8MaZcfErRNKaKRLCLTJcQJKwDDd0Jzkj8aha/e1/5LcctF8l+dj0iivEZ9S1W18EtpthMBar4nbT2a4mZVS3K7gjOASFLELn3x3rr/AAdoGpaH4uuBNPpVpaTWu46ZZXcsxLAjEuJFBA7fjTj7yuv60T/UHp/Xnb9Dv6zr6/v7bV9PtrXS2urW5Li4uhMFFsAMqSpGWyeOOlcn4hhh1r4nWOia1uOm/YDPDD5hRZ5dxB6YyVAHHvVfVFtrDxd4Is9Iu3ls1urpMCbeOIz8pPfB7HpSWyf9b2B6X/rpc9FqO4l8i1lmxu8tC2M4zgZryfQbGWx8BeIvEtqZ7zWYXu/szPIzGMDOFUV0Hh7RPD9n4dstTsLsveXtgz+ebksbwlMsxBOD1zx0zSveLfkvxv8A5D6peb/A6Xwtro8S+G7bVhb/AGYXG791v37drFeuB6ela9eFWkup3Og+CNFtltmsL77YZY7ud4Yp5FkyiFkBOcFiB32+1eg+AdI1HRbrVrW9u9PMHmK0VhZ3LzfZMjkEuARnrir3uTskdpRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAU9XsTqejXdiJPLNxC0YcjO3IxnFeVf8Kq1/8A57WP/f1v/ia9horKpRjUd5HFicDRxLUqnQ8e/wCFVa//AM9rH/v63/xNH/Cqtf8A+e1j/wB/W/8Aia9horL6rTOX+x8L5/eePr8KddLgPPZKueSJGOB9NtetWkH2Wygt927yo1TdjGcDGaldgiMzcBRk1BYX9vqVotzZuXiYkAlSOhx3rSnThTfunVhsJRwrfJu/0Mx9bvn1C9t7HTYpls8b2e6KFsjPA2H+dXbDVra+0mLUQ3kwSLnMpC7ecc/jXONps2oavrwtrye3kBUKqNhW+XuO9V7i5W50fRZ4THY2UTMlxuj3JC44wwJ6ZB5NTGpJLXyM/b1Iyk3qve7dHb8Otzs47y2lhM0VxE8QOC6uCo/GiK8tp5GjhuYZHX7yo4JH1Fcbc29uPD+t3NrqKXySxIG+zxBYwQf4SCQT649qsQy2Fzq+lLomwvDGxuRGOUTb0f0Oex5q/aO6X9df8i/rMtLpffvrbQ6qO9tZZPLiuYXfGdqyAnH0pIb61uJWjt7mGV1+8qSBiPwFcnp9iV8A3Emnx4upWlJdRlj+8OcfgOlGlxWd1fae8GsQTS24LGC1twHA24IfBJA+vfFJVG3awfWZ+7pvrv8A1qdal3bSztDHcRPKv3o1cFh9RSG+tBc/ZzdQ+fnHleYN35da5LTJ4bbVUs9OmttQWUuwZRie3OD98enbmqNhBDcWEVpfavDBfLL+8txbA3AcN9dxz646UKo3bQTxbtou/XT7/P8ApHdy39pAxE91BEQcEPIBg/jVa91ywsLy3trmdUe4J2ksABxnJyeBWKllbzal4heeJZXWFVDOM/wN/hVENAlr4avNRMYiAIklmxgfLxkmj2jv9343HPETSul3/BpM7Fr21SRI3uYVeQZRTIAWHsO9N1HUINLsJbu7bbFEpY8jJ9hnvXLatcWlnrMtzaz2txLKY1axmGHYYGDH3xj04rd8Qw/afC98vlbmNsxVCMkHbQ5vkk10NY1nJyit0ObUzdxWk2l3Fo0UkgEvmvztPYYP3varb39nG+yS7gVt23a0gBz6fWuWmns59N0I2Dwuou4w/lEHDdwcd6hNpBJp3ieaSJWkFywDEcjAXp6USqOLlbpf8Ev8zCOIlZW1bt6bN/odkl3byztDHPE8qfejVwWX6imtfWiXAt3uoVmPAjMgDH8OtcwIUttQ8NG2QRtJG4dh1b93nk9+ay7eCOeyks9S1eG2vTKd0Btw1xuzwV53H2wKbm1LlsN4qSW34+SfX1PQqy5dW8jxA1pcPDFbLbeaZHO3DbgOpOMc1poNsagksQAMnvXL6lNYW/jdJdV2JCLMgSS/6tTuHUngd+tOb5Wv66M6K03GHMtNV+Z0v2mD7P5/nR+TjPmbxtx656VXm1axisJbz7TFJBEDuaNwfw69a4spMNLgnjk+z6Yb5nDvHuRYyflYg/w/pWhBZW1xb6rPaahFqPmW+1lt4QItwBxyCQW/XpWbqS5W0un6X/4BhHEylJRS/rXVeR0llq1lqFvFLbXEZEo+Vd43ZxnGM9asiaMs6iRCyfeG4ZX6+lcgPskvg+zvbBoml01o5ZPKIyCvDg477Saqy3csMf2+AHfrKMkf+8Tlf0q5VLNr+vL72KOKainPsn/n9zsds97axQLNJcwpE33ZGkAU/Q04XELW/nrNGYcZ8wMNuPXPSuR1O1Gm6tYRTXkNnYRWgijluIg8e8HkHJABIxVe7tDBoUUlnf8An2ZvhLNMIP3apjqFzgpnHfFJ1Hr/AF1t/wAEbxM02nHZd/K52kV7azxtJBcwyIv3mSQED6kUkd7azTeVDcwySYzsWQE49cVykUFrJFqN3aapDe5tCji1hCxj6lSRn2605baG0j8LtbRrEzgBmUctlATk9+aam/y/FtB9Zla9l9/mv8zrpJY4gDK6oCcAscZNMgu7e6DG2nimCnBMbhsflWF4zMQ0y0+0KzRfbIt4UEkjPPSsy4Zb7UL+TwyyPGLEo72/3S/YccZxSdS1/L/K/wDwDSpXcKnJ6eut9vSx10V9aTzGGG6hklXOUSQFh+FMmvodkkdvdW/2ja2xXkHUDuOuPWuT0qGzu5tN8rWIHngIJt4LYCVTjBD4OR7571c0a0gXSdZuBGpmaaYFyMkYXt6daJTdn6P8Lf5kU8ROpbRa+flc3re78vTIp9SntkYqN8iPiPPsT2qxDcwXEXmwTRyx/wB9GBH5iuLs5YbeHQptV2rp622PMkP7tZO27PH5064X7SNbuNDy1k8MYDQ/ckcH5ymODxgHHvTlUtf5/h/X5EwxL5Vp2067XubtzrijWtOtLKW3njuHdZSrbiuFJHQ8dKt2N1KLFptTmtAVdgXhf5AM8ZJ71zEc+l3HiPQDpXluUDrI0Q4H7s8EjjPt1qC3ITS7SW6H+gR6hIbgn7qjdwW9s1PO0/6t0/zIjiJXct/y2R2yXltLAZ4riJ4l6yK4Kj8aifUIJLG4nsp4ZzDGzfI4YAgEjOKw9U1HTl0eWfSVt5YWnVZZ1GYk4+8ccHHFZunTI+t6oLe9hu4m05iZLeIJGSD2wSDjPX3pTqPVLs/yubPEWnGOjv8ArobFn4guJpdJE4hRLyBpZWwRtIGeOeBW6biERLKZYxG2Nrlhg56YNcdpsayz+HY3GVazcEf8BpunLLPq0Hh+ZW8vS5mlcsOHTrH+hP5Vam+bl8/+H/AwpYiagnLW9l82l/wTt6KKK1PTCiiigAooooAKKKKACiiigDN8Q6nJo3h2+1GGNZZLaEyKjdGI7Vylt4y1+2m0C612ysYtO1wiNFgLGW3dk3ruJOCCA3QccV0PjSGS48E6tFCjvI9swVUGWJ9hXOaD4M1S7t/Ds3iHWVu7DS4EltrP7H5cvmGMAGV9xDbQWAAVevOcUo/E/l+twlsvn+liRPFXifVtOvdZ8P2Ontptq7iOG43+dchPvFSDtXOMDIqve/Eie4/sFtJWzs7fV7UXKXOpB9mT0iBUjDe54qyngTWdPtbzStC8RxWei3jszQyWRkuIQ/3xHL5gVfbKNg+tWdW8FXs2iQaJomo2VvpSWy2zWt/p/wBqGBwGUh0w2O53D2o6fd+Tv+g9L/f/AMArX+rTt43htLbT9OTUptCe4W+dS7IQ4+QMDkpk5+tcxp2ua1H8EbrVvE8ena3EqkpFco7mQiTH7wsTnHbHoK7TTPAkWl63pt5Feu8FhpJ0wROmWcZB37s+3TFZw+HV+3gXUPCsutW7WM5P2V1siJIQX3EMfMw/4Baa0uv6+J/pYW/4fkv1NC48Q6zf+IZ9G8MQWKPYwo9zPehygLjKooUg5wQc1lzfETUl8NTTR6ZCdXtNVTTLi3ZyIy5AO5T6EMCM1qXvhDU7fxBNrPhfWINPubuJYruO8szcRS7RhWCrIhVsDrkj2qMfD9RoUdmdRZ7t9TTUru6eLPnSjqAuflGAAOTgAdaF5/1qv0uJ3tpv/wAD/MsaF4i1aTxZd+H9fhsxcR2y3UUlmGClCcFTuJ5BI5qHXdRMPj/T7K1sLJryawmeK9mQl4sfwgjnae9akfhwx+OpfEX2rIksha/Z/L6fMG3bs+3TFJe+G/tnjKw103O0WltJAYPLzv3d92ePypatL5/rb9B7X+X6X/U5/wCFF74j1Hw5Jca/eW11F9quERh5hlyszDBLEjaMYA7DFWNR14ab451ZbfRoLm5tdGa6EsS/v5tpGIs+h/nWj4S8NX3hdbuzbUYLrTXnkntohalJYi7l2DPvIYZPHyj8aLvwrPN4qvNctNTa1muNP+xxhYQxibIIfJOD06Y/GiWtrdv0f6gtL+v6r9Cv4H8TX3iSyNzeT6ZMjIGAsSwaJu6OrEnI9ao+LfiCui+Jo9BtLiwtLn7MLqW41AO0YUsVCgJySSpOe2Per3h7wfd6d4ou/EGsX1nc39zCIT9gsTaoVBzucF3LNk9c/hUuteFr6fxJH4g8OanDp2pfZ/ss/wBqtTcRTRAllyodCGBJwd3c8U5atf13/wCAC2f9dv8AgmBafEu81HQrD7DZQNqt9qJ0+ItuEBIGTKP4iu0E461JN4617TbjxBZ6pY2JuNHsUuUkgLbJix9CcgVrat4Q1DVtLsGm1sf2zp90LuC9NqPKVxwV8oMDsIJGN2efvVz2meGtRvPHXia08Q3T3YvtNija6jtvKiBPZASeB6FmPvSlfW2+v5f53DTR+n5/5HRXXi25guvCUS28RGugmYkn93+6D/L+JxzXO+IPihPoOouZbnR5LeK6SGWyQyNchSwBIYHZkA5xitKy8A6x/aOg3Os+I47tNDysEMFj5KuhTZ8xLsd/TkYHH3e9ULr4XatNoVxoEPiWGHRpLk3CoNPzPncG2vJ5mGGR2UH3qtOe/S/+ROvL52/z/wCAaWkHPxn14+unW9Xr7xbPpfiy/wBMvreNbWPTPt1rMCcyFSRIp7cfJjH96rtl4bNp4zv9e+1bxd20cHkeXjZs77s85+lVPGXg0+KpNNlhvzYTWU2XcRb/ADYiQXj6jGdq8+1TrZL1/G//AA5XV/L9P+GMq18fX91ounEWVuurXeprYtbkttUZBdhznhMn8K5/xPrupR+GfGEnhyGy0mey1Py5biFWSSb7vzkqR8xz1rsbXwMlt4+fxD9sDW4j/dWXlf6uXaVMm7PdSRjH41Bc/D5brTPEtnJqH/IcuTcKwi/1BwMDr83T2off+t1p+D+8Fv8A15/5r7jH8RSeIE1jwU0i2NzqjTT7Sm5IgDEOTkknHfnmum8J+Ib7VrrVdO1iK3S+0ucRSNbBhHICMggMSR0pqeGNRubrQLvV9Tt57nSHkLNb2hiWYMu0cF22kfU59qt6L4cOka/rWpG683+1JUk8vy9vlbQRjOeevtVfaf8AXb/gkpOyOYa+8Ut8aLiwt72z/s9bBJRbyCQgKXYZwGxv469Kx9J13XvD+k+JtTsrWxfTbPWJXmExYySg+WG2YIC4HrnNdtfeGL1vG8PiLStRgtmNuLa5gntjL5qBiRtIddp56kH6VWk8DF/Ceu6L/aAB1a6kuBN5P+q3beMbucbeuR1qVdK/k/zTX4FOzl5XX5NP8TL134lrba4ul6fdadYyLbJcyTaisjKQ44VQmDn3rovBPiZvFnhqPUZbfyJd7xSKudrMrFSy552nGR7VQn8HalZ6tHqnhnV7eyvGtUtboXdmZ4plQfKwVZEKsP8AePXpXSaZbXVpYRxaheG9ueTJMYwgJPOFUdFHYEk46k9apWt/X9bC10/rp/mW6KKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAzdT8O6NrVxBPq+l2l7LbnMLzwq5jPsSOKcmg6TGtuqabaqtrK00AES/upDnLL6E5PPvWhRRtsG+5iT+C/DN1qMt/caBp0t5N/rJ3tkLv25OOegrSj02yivTeR2kKXJiEJmCANsHRc+ntVmigDPGg6SNOGnjTbX7GH8wQeUNgbOd2OmcnNQ6t4V0DXp4pta0axv5YRiN7iBXKD2JHFa1FAGfqWgaRrFillqum2t5axkFIZ4ldVI6YBqHVPCuga0IBq+jWN6LcbYftECv5Y9BkcVb1a/wD7L0a8vzH5v2aFpdm7G7aM4z2qHQdWGt+G7DVjF5AvLZLjy927ZuUHGcDOM+lHf+u/+Qdv6/rcn/suw32r/Y4N1mCLY+WP3IIwdvpxxxVo89awNR8XWNv4Pu/EGm41C3t8jCsU3MH2EZI4wc9u1bdvL59rFNjb5iBsZzjIzQIyrPwh4d0/VW1Ox0Owt75yzNcx26rISeSdwGea0Rp9mupNqC20QvHjETXAQbygOQueuMknFWKKBlbUNNstWsZLLU7WG7tZRh4ZkDq31BqK00TS7A25stPtoDbReTAY4gvlp/dXHQe1XqjuJfItpZsbvLQtjOM4GaW2ob6FX+xNLNlc2f8AZ9t9mu2L3EPlDbKx6lh3JwKZo/h7R/D8Ukeh6Zaaekhy620Kxhj74pnhvWv+Eh8PWuqCD7P9oDHyt+7bhivXA9K1Kewt0UNX0LStft1t9b061v4VbcsdzEHAPrg0sWh6XCLMRafbILDP2ULEB5GRg7PTI9KdqGrWOlG3GoXCwm6mEMOQTvc9BxVygZBaWNrYwNDZW8UETMWKRoFBJ6nA7ms+w8KeH9LvJ7vTtFsbW4uARLLDbqrSZ65IHOa16KAM2fw5ot1o40q50qzl09TkWrwqYwc5ztxjqc1NpmkafotmLTSLKCytlJIit4wig/QVcooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKAMdKCQASTgDqTUf2mDy1k86PY5wrbxhj6A0CuiTFJgYxgYqCW/s4Dia6gjOcYeQDn0p891b2yhrmeOFWOAZHCg/nSuhcy7kWo2Eeo6dNZyMUSUYJXqOc1YjjEaKoHQYzWXo+rm9tbue7aGOOC4aMODhdoAwSSferh1KyFpJcrdQvDGMs6SAgfjmp5o25vL8CIyhL3l/Vi1jHSkCgdAB+FU9O1ey1SwW7tZlMbIGILDKD/aweKngvLa6DG1uYZtv3vLkDY+uKvQqM4SSae5KFAOQBn6UbRnOBn1xUUF3bXJYW1xFMV+8I3DY+uKWe7t7Xb9pnih3HC+Y4XP0zSuh3VrkuKTAIwQMVHPd29sivc3EUKscBpHCg/nQbq3ESyGeMI/3W3jDfQ96Lod1sSbRnOBn6UtRQ3VvcxmS3nilReC0bhgPxFZdzrijWtOtLKW3njuHdZSrbiuFJHQ8dO9DaREqkYq7ZsbQOgH5UuB6UyWaOCMyTyLGg6s7AAfiaZHeWssDTRXMLxLwzrICo/Gi6Luk7E2B6Um0ZzgZ9cUxriFNu+WNd4yuWA3cZ49eKp6brlhqrypaTqzxOUKlhk47gA9Pei6vYlzimk3uaFIQD1ANQJf2ck5gjuoHlBwY1kBYfhSy39pAxE91BGQcEPIBg/jRdD5o9yfAxjHHpQAB0GKhF3bNceQtxEZsZ8sON2Pp1pJL60hmEM11DHKeiNIAx/Ci6DmjvcmwB0ApcD06VnT67YW2rR6fPOiTOhcFmUAYI4PPU5qS0uLhp7v7VJamKN/3flNyq/7eehpKSexPtIt8q/rqXSAeozRgYxjj0qGC8tblWa2uYZgv3jHIGx9cUkF7a3LsltcwzMvJWOQMR+VO6K5o9yYKB0AH4UuB6VzMPiO7e1tJGSEGa+Nu3ynhc4z1610S3EDQmZZozEM5cMNox70oyUldf11/UiFWM9EQahp0eopAsjsghmWYbe5U5xVoADoAKFYMoZSCCMgg9aoSXk1vf3BuJbVbSOEOBvxID3J7YobUf6/rsU+VPm7l8KAcgAH6UuKxfDeqz6xZm7muLV0ckpDCvzRDJwGO45OMdhWo97axyiOS5hWQkKEaQA5PbFNPQUKkZxU1syXAIwQMUoAAwBxUEl/ZxTiGW6gSU9I2kAb8qpXOqm116K0maKO2a3aVnc4wQcdc4xS5kOU4xV3/AFc0woHQAfhS4GMY4qNbiF7fz0mjaHGfMDArj1zTIr+0nR3guoZVQZYpICF+uKd0VdE20YxgY+lAUDoAPwqhpet2OsRu1lMrFHZShYbuDjOAenHWrc93b2u37TPFDuOF8xwufzourXJjOMo8yehLgelUbPS47TULy83tJNdMCxYD5QBgKPb/ABrO0/V7+/tIJlazTN00Um8kbkBx8vPLVd1jVotOsLho54PtUce5IncZP4ZzUc0bc/8AW1zP2kJrmfTU0qKgtJzNp8M8u1S8YduwHGaI760lmEUV1C8hGQiyAnH0rTZ2NVJNJ9yeioJr60tpBHcXUMTtyFkkCk/garX+uWOm3FtDdzKjXLbUO4ADgnJyeBx1pcyQpTjFNt7GhRSI6ugZGDKwyCDkGlplhRRRQAUUUUAFQ3l5bafaSXV/cRW1vGMvLK4VVHuTwKqeINSl0fw/e6hb2zXUtvEXWFerkdq4t/FlxqXw41XVNSi0XVoEt1kWKAMYyc4MciMScgjr/hSvo/IdtvM9DjkSWNZImDowDKynIIPenVwPiXxP4g0XTNKl0OPSHN+IYbWxljk8x5GA4BVgAoHPTgCofEHxIk0/xDcaNa3Wl2dxZRI8736yMsjMudqBDkdeppsS1X4nolFYfg/xF/wlHha21V4DbvJuV0OcblYqSM9jjI9jWAnirxPq2nXus+H7HT2021dxHDcb/OuQn3ipB2rnGBkUS91u/QFrsdfqmsaboln9r1m/trC33BfNuZVjXJ6DJOKswzRXEEc1vIssUihkdDlWB5BB7ivKfEmr6j4l1rwDqmiGzS1vnaeKO7R2KsUB+bBHQfrXaePLjVLP4e6pcaVPFb3sNqzGX5htwvJXByD6USvGLb6P8hx96SS6m/c3trZmIXdxFCZpBFEJHC73PRRnqT6VNXk+rXPiB/CHhC5v/sl7fvqdo8IjLIHz03liefU1u/8ACeXmiPr8HimG1M2kW6XQeyDBJEYcDDEkHPFD0vfo7fgn+pMXzWt1S/FtHd0V5po3xOuLzX9LtLiTTL2HU2KeXYJL5lqdu4by3DDggkY5rpPG/iTUfDtnpx0iyivLm+vo7RY5WIA3nGcj0oaat9wXX6nT1FdXUFlbPcXk0cEEYy8kjBVUe5Ncpea/4gh1Ox0C2i06XWZ4WuJpiri3ijBIHy53EnHrWB4j8TX974V8WaFrdrDHqmm20Upa2yIp45G+Vl3ZI5RgQfSk3ZNrz/ArqenI6yIrowZWGQwOQRS1wmm+Jtb0vUtBstetbJLLVovKt2ty3mQuI9wDknByFPQCok8Y+Jb/AECbxNpVhp7aPHueO3l3/aJolP3gwO0ZxkAim7IUbs9AorzC78QeItU+IvhmTQb21i03UdLlukt5xJhhmIkuAwBYbuD2ya9OXO0b8bsc46Zp2drvz/B2FdXsvL8VcWiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA818XMmu+LrzS4bK0uG02zE876leyQRRK3QoEBOfUniuZ057rxN4I+HkN7qM22a+eKZ4JT++jUMoUt3GAOa9b1TwvoWuXMVxrGj2V9NCMRyXECuyfQkcVNFoelQR2yQ6dbIlq5kgVYgBEx6svoTmnC0dyZpy2OGu9O0+8+Jdv4U1BXi0i20v7RZ2XmMqTyGQh2znJKjHGf465vWZZ7Hwr4xstMvJH0nTryD7M/mH9x8wMiBvQfWvXNX0DSPEFukGuaba6hFG29EuYlkCnpkA/Wnw6NpltpP9l29hbx2Gwx/ZViAj2nqNvTFJXS8/z1v/wCmk/68rf8E4nXNTjl+LFha216rldHneSKOXOM8qSB7dDXMW+nR6X4G8M+Irea4bVZNVjja4kmZiY2kdSmOm3HavVNP8K6BpOz+zNGsbTYGVfJgVcBvvDgd6sHRdMaxhsm0+2NrBIJIoTENsbA5DAdjkk5oWlvJ/q3/wAATu7+n6WPK9SgsNXtPHWoeI7xorvTpHit2a4Mf2ZNh2Y5x83v1rufB1vFd/CnRbedN8cmlQqy56jyx6VqXfhfQtQ1NdRvtHsri9Vdq3EsCs4HpuIzWhbW0FnaxW1pEkMEKBI441wqKBgADsKSXuuL62/C/wCdxv4lLtf8bflY8X0fQtOsvgTrdzaQeTcySzxSOrtnAuSAOTxgYrfg0+Pwz458OR6OZgdQsJvtIklLeeVj3AnPfIHSu4j8K6BFJePHo1ij32PtTCBQZ8HPz8c8+tXW02ye6t7l7WFp7ZSsEhQbowRghT24pu718v8AP/MVtzxPQtM1/X/C1t4ilutHstRaffNqdxfzLNE4fDRsm3YMfd2+1el/EZpk+GmrmOZopvIUCWM4KncvIrTPhLw8da/tc6JYf2lu3/a/s6+Zn13YzmtG7tLe+tXtr2COeCQYeORQysPcGiWseUf2uY8117TrXQNG8OaZFNPb2Or3kUWpXRlO6UFeAzE8bjhe3WpprC38O/EOPTPDjtFaXGmTS31mHZ1TAwj8k4J5H4V6Dd6dZ3+nvY31rDcWkibHglQMjL6EHjFVdK8N6LoVvLBo2lWdhFMcyJbwqgfjHIA54o7/AD/FWt8g2SXp+d7nj1jbadafDDRte0q9eTW01NIIZFnJYsZyGg2g4xsLHGM966jS7HT/ABf4i8Sf8JUXkn0+byord5WQW8WMhwAR1659q7WHwl4et9Ti1GDRLCO9hXbHcLbqHQc8A4yOp/OjVvCfh7XrhLjWtFsL+aMbUkubdXZR6AkUf8H5bf5fiC0/r1PIbi0TxB4J8JXWtltQUa0beC7lYgzW29xGxIx1UKc17UtqbDSvs2kRRKYo9sEcrMEB7Ank4/Okv9H07VdONhqVjb3VmcZgmjDJx04PFT2trBZWsdtaQpBBEoWOONcKo9AO1O+jXn+i/r5i6p/1u/6+RS0d9baOT+34dPifI8sWUzyAjvncq1pUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBFdIXtJkXkshA/KuFOoWreHNK09JQ91DexiWJRkx4kP3vTr3rv6TaPQflWcoXd/T8Hc561F1NnbRr7zimudIt9S14aqY1kdsJ5o+9x0X1PsOaS0K2F1pTeJCscX9nhFNx90PnkHP8WMe9dXaadHaXV1MrFzcyB2DAfKcdquEA9RmpjTaS/rv/mYrDSbu31fT+9fXvscDa3Udr4fnMMSJbyamV82ZDsgUgfOwPb68cirGjlLnWNWjhuIr2F7UENFCFjY9OAMg/UV2uBjGBigADoAKXstLN9Lfhb/gjjhWpRd9vLzfn5nCRvHL4Csk0+WIPAYxeiNQzIB13Ac8e9XbKGwuLm4uYtYiulFo6SixgACqcckqTz1wOvWuuwB0AoAA6AD8Kp07tt/1pYI4Xl5ddkl93zOW8M3Ma6kbK2ktb6GOL5bu26gZ4V8cZpfE721tqKXbXdtHcxw4Ftdj5ZlJPCn+99M11AAHQAUEA9QDTcG4pX1LVBqn7O/9ff8AqcTdSt/bFvcahcQ6XbS2a+V9qiDorZ5XLEAHGPenNYW62GmQrcG8t5dQDBjHsUgn+Ef3fpXaEA9QDS4HpS9mr/P9bkfVL3u73/yt3t+BxmoxSJqHiCCwQoPs8L+XGMfUgDvgUxLjS7jxF4fOleW5QOsjRDhf3Z4JHGfbrXbYpAoHQD8qFTs7/wBbscsLd3T69vO5h+KLsW0NoH8qOOSYK1xOuUh9yOn51z1rm6j8Rx2twt3G0UbI8MWxHOOSoHB6dR6V3xAPUZpAAOgApSp3b13KqYd1Kik3p/wGv17HHLqVnqGseHEtJVn8sMshUZCnyiNpPTPHSk0/ZFZa5aWflLqQllaOJcCTB6YHXFdkFA6AflS4Gc45pune93vf8bf5ExwzTTb69vK3c4iafSrrQ7G00kxnUlaPEcePOjYfe3jqMc5zVqO0hn1fxE1xEsjrAoBYZx8rf4V1m0A5AGfpS4olT5r36/5WCOGs029rdO1/8ziIIY4NG8OTQoFladNzj7xz1yaqa1fJNDqiyT21pcJOVS0MIaZ8Yw+c5APXI4r0LA9KTaCckDP0pSp3vr/Wn+RDwj5OVS6Lp2TXc5OdrWDxJo9zqBhSOWyZPMmwAznZgZPfrVS8WV117yVZ0F3GZQgyTH/F09q7cgHqBS4HpTdO/wCP4u5bwt7q+/8A8jy/8E5yfUdIbS7ubRUt7t44RuFvyuPQlfTrjrWRptzHL4s0k2t/bXQaOQSC1hCqvyZ2kg8nI6Hniu5AA6AD8KAoHQAfhT5HzcwTw8puN3tbZdnfv/mcJbf8g/Tv+ws3/oVS3ccsGrzeHI1YRXtwLlGxwIzy4/76H612+B6VSGmR/wBtNqTuzyeUIkUgYQZycfWoVO1l/VrL9UiJYV2sn2+7W/4MfBe2r3klhA3723RS6YPyg9OfwrGdVfxhfq6hlNiMgjOea2LPT47O4uZ1YvLcvudm9AOB9BVvFXKLklf+tGv1Olwckk+j/Aw/BsSJ4Vs2RFUspyQMZ+Y1FplpDJ4q1m4eNXlUxqpYZxwTx+VdD06UVTjdomNFKEI/y/5WOIt7nS49Du7TVtg1RmffC+POdieNo6n2xT2MNnq2inXyAY9PxI8v3Ufj7x6D8a7PaM5wM/SlIB6jNQqbVvl+Ca/Uy+qu1r/h5p699vzODO46a9xGjto7akJG2A48kDlv93dgn2zWmj2GoeJrSTQ2ilijicXL2+DHgjhTjjOa6nAxjHFIAB0AFCp20/raw1hmnv26ed9OxzXg9rSKG7tQYVvI7qbfEMB1UuSMjrjFJfTWdr4ukk1po1gktAtuZvuk5+YDP8XTjrXT4AOQOaCAeozT5HaK7f5WLVC1PkT2d9vM4CwCjSdKEalV/tQ7VYEEDd6Gi6lsY9J1u21LadSa4kZUYZkZcgqVHXbjHPSu/wAD0pNoJyQM/So9lpa/l+C/yMvqlla/4evn5mav/Iq/9uf/ALJXPR20NrpPhuW3jWORpk3Oo5OevNdpRgelaSjeXN6fg7mssPzJK+yt+X+Rx1vdaZbSatF4gMUd7JO5VZyN0iHhNmeoxxx3zVeaEWmneHp9WVUjiuT5j3AA2IVfaGJ/DrXcFQeoB/ClIB6jNQqdkvK34EPC3um+/Tu769xsTRtEphKmMj5SvTHtTqKK2OtbBRRRQMKKKKAKuo29zdafLFY3Zs7hl/dz7A+w+6nqPauJHw0uLqPX5tS1O0/tDWreO3eSxsDBCqoxYMYzIxZyWOWLdMelegUUrDucNeeCte/4SSy1bTNd09PsNmLa3ivdMeYRnADOpWZMEgY78Zq5deFNYh12XWdA1m0sry8iRL5bixaaKVlGA6qJFKnHqxrraKYitYW09tp8cN7dNeTAfvJmULvJ5OAOg7Ac8YyT1rjk8Cazp9reaVoXiOKz0W8dmaGSyMlxCH++I5fMCr7ZRsH1ruqKHZ7gtNjmJvBNuLjw39gn+z22gE+XCU3GRdoUDORjp6GtrWdMj1nQ73TZmKR3cDwsw6ruGM1dool7yafX9QXu2t0OPg8G6i+k6NZ6nq9vOdIvIriKSGzMe9I+iEGRuf8Aa/SptQ8C2+qa3rN5fXJeDVbNLVoFTBj2/wAQbPP5V1VFD13/AK0sC02/qzuc1omieJLGW2i1TxFb3djartjjgsPJlkAGB5jmRgeOu1Vyfyq54g0A65Lpbi48j+z76O7xs3eZsOdvUYz681s0U27u4rK1jmtf8LXV9rtrruhakmnarbxGAvPAZ4ZYyc7WQMpznoQwqg3gCW70jW01TVfP1XW0SO4vIoNiRoh+VY4yxwBknljyxPtXaUVNtLD63ONsPBOof21pt14g1tNSttJQiygS08ptxXbvkbcQ5CkjgKOaqQ/D/V7LS5dA03xFHB4ekYgQPZF7mONjkos3mBQOwyhwPWu9op7gtNjlNR8GS/2roV/4fvobCXR4GtVS4tzOkkLbMrgOpB+QYOT9K19OsNTttXv7m+1b7Xazlfs9r5AQW+Bz8wOWz71qUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRXnt5otvrvxiuYtSeWW1t9NSRbXzCqM+4YYgHtXLnTda8V6h4lmnGlrPZX80EU95fTRSWUan5CFVSoG3DZPXOaSd19/4Ow7a/d+Kue1UV5S9rBqfxG0TSfEmqrdrNoO9kinKxXsgYfMMY3cZPFYyJNqOhWGlRX9yNNXxMLW2njlO5oN33Q3cdRmnvZf18XL/wAEm+jfb/5HmPb6K8p8TaXcDxxpnhfS7Sy/skWLTxWl7dSxRyybznlQSxAxx70g8N6y/g+bRf7Z0uWZdV3wWCXjmNkVNxtS5AbOTu6ccdqN1f8Arew9nb+trnq9FeL6hrU914e0rS9Hsjptu+sGxv7a9uj5SnH+r81Nx2M2Bxzzir0miap4f0vxOsl3p1nbyWCuunWF3JK0T5x5nzgFc4/Sk3aLl/W1x9Uv63setVljXYLzTb+40Nf7SnsmeMwIdhaVR9zJHHPGeleewaVBofiDwO9i85fVreSG/aSZmNwphDfNk9QRwRVXwroWm6d4b8bXlpbeTdw3N3Gjh2yq7eB1on7ql5J/hb/MIe9y+bX43/yPV9OuLi70y2uL20NncSxK8tuXDmJiMldw4ODxmrNeRaPp8ev6h4KtNTluJLd/DyySxCZlEpwPvY61k6jrb6T4Be0nnY2EHidrMxSXIiD24Qv5ZlcgKM+pHTFVPSTX9fFykQd43/ra57nRXmXwnstNm1PXNa0p7Vbe4dI4bWDUEuzbqByCUdlGTzjParL2Vl4k+JGvWniUsY9OhiNnC0xRVjZAWlGCP4sjPtSejSK7nolYvi7xEPCvhm51c232oW+P3XmbN2Tjrg+vpXIXEVhrvxHtPD+qXUlxpMOkrcWUJmOy7fftZ9wI3FV2/wDfdczrpa38GeNtNs7h59IsrmJLTcxbymz86A9wDijf+uzsG34firnpE/i25/tzWNKsNIa7udOtYriNROF88v8Aw8j5cevNdDaSyz2UMtxAbeV41Z4S27y2I5XPfHTNeWeIXePxN45eNmRl0e3IZTgjg1BrVpN9h07xBOses6fp+jQm6sVvPKntCV3eenIBJ2/xH+HjNJPv/W/+Qld/15R/zPT476/fxDNZPpjJYpCHS/8ANBEjk8psxkY9a0a8o1DXbyLxFreo6N58jp4aFxbRNkndwQcetVtR0/TNN8A6N4j8P38kmtXTwNFeiZme9d8Fgwzg55JGOKa/4H3tr9Av/Xok/wBT2CivLLnQ7bXPEnjaXVXuJfsltE0EQmZUifynO8AfxDFdl4DvZ9Q8B6RdXchkmkt1LuepNC1v8vxv/kF9vn+B0NFFFAwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAAkAZPAFV1v7N5REl3A0jDIQSAkj6U+5/wCPSb/cb+VcMbK2/wCEP0p/JUO98m5h1OXIPP0rOU2nZeX4uxzVqsqey6N/dY7mC6t7oMbaeOYKcExuGx+VMS/s5LgwR3cDzA4MayAsPwrmruKWHXNUh0tNkjaeCiRjGW7fjVWafSrrQrK00kxnUlaMCKPHnRsPvbx1GOc5qVUv/Xm1+hnLEuN07XV/na2i+87RZ4nV2SVGCHDEMDtPv6VHJf2kMaSTXUEaP91mkADfQ965bUt+m315p0PytrCr5RH97O2T/wAdOfwqK8gTT9faK7vrewtRbqlu1zEGQ4HIBYgA0e0f9d+oSxMo3Vtt/m9PwO0R1kQPGwZWGQwOQRUDX9msio13AHZtqqZBkn0x61S8OWqWmjRxw3L3MZZmSRk2ZBYngf3fT2xXMPaQN4W8QTmJTL9pbDkcjBXGD2qpTcfuv+X+ZUq0lCMrav8AyudvHd280rxQzxSSJ95FcEr9R2pv260Fz9nN1D5+ceV5g3fl1rnJIFtte0lbNFjZ7Vwdo+98vGfWsiwghuLCK0vtXigvllzJbi2BuA4b67jn1x0pc75rWM5YqS0tr6+SfX1/A7qe+tLVwlzdQws3RZJApP506W6t4ADPPHGCMje4HHrzXGa1eRvc6pb3NxbWbpEFjjlhDy3OVPK5Ofbip7KJL278Ofa1E3+isx3jqcUlUctF/W/+Q3inzuKX9XS/U6tLu2eNHS4iZJDhGDghj6D1p4ljMjRiRS6jLKG5A9xXGLal9P1jyBtNlqJmiVf4cAEgfmaik1F4UGtwg51QPbx/7xA2fqp/Ol7XS9ul/vWn46A8Vy/Ev6Taf3afedLc6ysOr2kIlg+yzRuzylumB65xU97dyNYpNpk9o26QDfK/yEZ5wR3rE/suCHWtDtJY1dIoH4YcZxWbcDZpeqRJxHHqyhFHReh4/E0+Zp2f9apfqRKvUjGTl/w3u3OosNSmudZ1G1lCCO12bCBycg5z+VXYL21umZba5hmZeojkDEflXIahHcySeJFs93mYgJ2jJ25O7jvxmrGkxWdxq1rcW2sQXLwocxWtuFwMdHKk4/GiE23YqOIkpctr6v8AO34HXUVV0/UbbVLb7RZOXj3MmSpHIOD19xVqtt1dHcmpK6CiiigYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBAtlarfNerbxi6dPLaYIN5X0J64rP1Dwn4f1bUUv9T0Wwu7yPG2ea3VnXHTBIzWvRQBzGp+CrPWfF39p6tDa3lj9g+ymznhDgtvDBueO1bMei6ZFa2ttHp9skFmwe2jWIBYWHQqOxHtVDxZ4kbw1p1tLBaC8ury6S0toGl8tWdsn5nwcABSc4Na9m9zJZxvfQxwXBXMkcUpkVT6BiBn64FC206fnv+oPfXr/w36FbVtC0rX7ZbfW9OtdQhVtyx3MQkUH1wail8MaFPoqaPNpFlJpsZylo0CmJT7LjHc1Y1DVrHSjbjULhYftUwhhyCd7noOBVyjoBmr4d0ZdEOjrpdoNNK7TaCFfKI9NuMU2x8MaHpmnTWGnaRZWtnOcywQwKqP8AUAYNalFAFVtLsHktJHs4Gey/49mMYzDxj5fTjjiq3/CNaJ/aFxf/ANk2f2u6Qxzz+Qu+VT1DHGSK06KNwKcGkadayW721jbxPbReRAyRgGOP+6voPasDxH4Oa+Wyl8PyW2n3FpfG9MTw5huJCpUmRVwScHr14rq6KH3/AK7h5f12OX0Hwxf23ie68Qa3c2r3s9utsIrKMpEqA5z8xJJ47mtTVvDOh69JFJrek2d+8P8Aq2uYFcp9MjipNFvr/ULJ5dU0xtMmErIIWmEm5QeGyPX0rQo7B3M3VPDmja3ZxWmsaVZ31vCQYoriFXVCBgYBHHFOXQNIXRxpK6ZajTgABaiFfLA/3elaFFAFKXRtNnluJJrC3ke6jEc7NECZUHRW9QPSql74R8O6lNbS6hodhcyWihLdpbdWMSjoFyOAMVsUUAVk06yjvmvEtYVuWjERmCDcUH8OfT2rPs/CHhzT9VbU7HQ9Pt75yzNcxW6rISeSdwGea2aKAKy6bZLJdSLawh7sAXDBBmUAEAN68E9fWn2lpb2NrHbWUEcEEY2pFGoVVHoAKmooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKMD0oooAMUm0A5AGfpS0UAGB6UhAPUA0tFABRgelFFABik2jOcDPrilooAQqD1A/KlwPSiigAxSYHoKWigAowPSiigAxSAAdAB+FLRQAAY6UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHlvj6BrHXbzxJdxpq+l2FuBPbQXfl3FgQM+YgJCknGcE544BqHxXcxeJNY1aO1s7WUaVZJJLPql7JAItybgY1QHsRknjNFFQ/gfkr/AIFrWS89PuaMrUbW38SfDr4e3usoLueTUooGk3n5k2yjGQec7F59q1dZ0/UNW+I1zoMVpp89hZWMb2lpf3UsS4PDOuwEsR056ZoorVr32v70v/SUZRfuJ/3V/wClGXrXhsHwv4Xh8QXVrqzw619nE1vOzokW9gIt3BJX7uTzxW34nv4vhn4oXUYMx6XqentapFvJVbqPLRAZP8QZh+AooqG9Pn+aS/X7y+vy/Jt/odh4L0y40rwbaRX0jSXciGad3bJLtya8mi01R8LINfW6vF1UaoyJdCdt0aeey7R2xiiinL+J/XdEr4P67M6zNt4O+Il9DZm4j099AkvbmNHLM8kb/fGejYY/pXO20tzY+JPB+q20Gn2I1e9Vf3V/JLcTxOCDvUjaevUHg0UUU9eV+aX3yl/khS2l6P8A9Jj/AJnR6FpUM2seMtbu5Zprizv5ha7nYrb4TOVXPrXE+D30rxb4g8M7ZLOHULeV7m+lfWIpJL04OFESSFs5IbBUY2miiilvH/DH8ipfDJ+cvzNm1WXUfDmlW013cos3ihoneOUq23f0z6V13hO2j0b4k+IdF04NFpyW9vOkBcsEdlwSMnviiilT+Ff19hCl8T/r7TO8ooopjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/Z)

Fig. Client – GUI

Robot can have 1 of the following statuses:

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAGAAAISodpAAQAAAABAAAIUJydAAEAAAAMAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERlbmlzAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM2MgAAkpIAAgAAAAM2MgAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDoxMjoxNyAxNToyNToyMQAyMDIwOjEyOjE3IDE1OjI1OjIxAAAARABlAG4AaQBzAAAA/+ELGGh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjAtMTItMTdUMTU6MjU6MjEuNjIxPC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPkRlbmlzPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAHMBqwMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APpGiiigAormdZ+IvhTw/qE9jrGsR2t1AUEkTROWG8ZUjCnIx1IyBxnGa0oPEukXOsQaXbXqS3dxZi+iRFYq8BOA4cDbjPvmnZ2uaOlUSu4v7jUorg9Y+J2nWc3hu+sry2OhapJcC4u543UoIlP3QcEHcMcg57VqzeJpPEPhGXVfh7eabeyo+N16JBGMcsGUYYNjGAcdRTcWldlvD1Fa6tf/ADat66HT0VyfhbxkNQ+Gdt4q8RNDaqYnluGgjcogVyuQvzN0A9am8DeJm8U6Jc6g95YXUa3ckcUllHNGoQAEBhKAd2Dzjj0puDTafQl0pxTbWidvmdNRXOaV8QfC2ua42kaTrMN1fKCfLRWw2Bk7Wxtbj0Jro6lprciUJQdpKzCiuY1D4j+E9M19dFvNYjXUDIsXkpFJJh2OApZVIBz2J471heIvi9ougeOLXRZrqJbWPzBqUzQSs0DBcoq4HOSeozTUJO1kbRw1aTsova+x6JRXL6t8SPCmh2thcapqvkRajALi1b7NK3mRkAg4VTjqODg1keNfitpHh7wzbX+k3dveXN+oks0ZJCkibgrsSBxjngkHIxQoSbtbyFDD1ptJRevkd/RXJn4keGZvCVz4gtNVQ2MMv2czvbzbVmIBCldu7HzDkCrvhfxD/afgm21zVLywKtG8k1zaiSOAKrEEjzQGAAHOfehxaTb6EujUirtdbfM36KwPD3jnw34qu57XQNUjvJrcbpEEbqQM4yNwGRnuM1vMwRSzEKoGSSeAKTTW5Eoyi+WSsxaK8yvPiZean42l0bwnqHhhLW28oNc6leE/a2fB2wbDgkdMc81ut44t7j4kW3hrTtQsWKLILy2lgnE4cLuGxtvl4x1yfpVcktDaWGqR3XS/yOwormda+I3hTw7fT2Ws6xHa3Nvs8yIxSMw3jK4Cqdwx1IzjjOMina78QvC/hoWh1nVVgW9i863ZYZJRInHzAopGORU8rfQhUartaL120OkorjvFninU4vA//CS+CJdKvLWOJriV7wSEPEAfuBSPmyMYOK6LQr6XVPDunX9wqLLdWsczhAQoZlBOM9uafK0rilTlGKk+t/wL9FVdT1O00bS7jUdSl8m1tkLyybS21R3wASfwrnvCHi9Nc8MX+tXl9Yz2ttPLiaxhmVViQBvmWRQxYA84GPSlZ2b7Aqc3HmS0vb5nV0Vy+m/EjwjrF/8AYtN1qG4uPINxsWNx8gXceSuMgdV+8MHjg1z3h/4zaBrHiu80yW9ijt3nhg0t1t5t1yX4O75fl+YgcgVSpybtYtYas03yvTyPSaKK878X+PdZs/Hlr4P8LxaPBqE9qLkXWtzOkL5YqI0VOWc4z19eOK0oUJ158kPX5I527K7PRKK868YeI/H/AId8Cxa5Ha+HYZ7OGR9TiuGmkBIYBPJ246jnDHuB61InivxboHgW913xtBoxuXji/s200wS7pJZOFjfeeu4qPl7Bua3WCqOClFp3dkr6t3/p+guZXSPQaK8/8LeJ/F/ijwLqM1vBosPiSy1GWyKTCVbUGNlDE4JfoTj3xXOaV8RPH8ng/VPFeqweGl0iwW5RRAk/mzSx5RCoLY2GTA5IOM9KtZfVbkrq6dt+r2t69BKSdvPQ9jorhtX8ZatpUHg23e2tm1PW5V+2xCNyEjWLfMYwGzkcAZJ/GsfwX498X+ObiHVdKtPDq6GbjyrizN1I1/bpuI3N/ADgbgMcioWArODqacq6382vxadvQOdWT7nqNFFea/Ej4k6l4V1SKz8P2tpdfZUjuNUkuVZhBFJKsaBdrD5ySTzxgVhh8PUxNRU6e7Kk1GLk+h6VRXDeJfGGuv4sHhXwJp1nd6nHbi5vLvUJGW2tEY4UEJ8zM3oOnHXnGb4p8R/Efw74HbWprXwzFNYCRr9ZHndZVBURmEAgjOTwx9K2hgqk+XVJy2Tevlp5hfWx6XRXn8OpfEqPwTeapqKeFYr5YkuLdALgRpFtLSCTkncBgAKcZzzXPx/ELx9afDMeMdYs9AFvO1s1vDbxz7xHJJtYuC+BwVIwT15rSOX1Ju0ZReqjv1exHtFa/q/uPYKK4nXvHF1ZeMv7I0qK3kttO06XUtYnlVj5MYUmNFIIAZiCec8c4rn/AIe+O/F/jC90+W51LwSbSdDNcWNnPK1/En+5uIBztznpmojga0qTq6JWv99/8vy7lOSWn9dP80erUUUVwlBRRXA+IPGmrw3evvosul2tj4fVEnfUIpJGvLhkDiCPa67DhkUHDks4AXjlNpbjSb2O+ornYvHGjDwXpvibUJzZ2OoJCUJRnKvLgKh2gnqcZxiuiqmmnZkpphRRWVot7PqUt9dmTNn55htUAH3U+Vnz1OW3fgBSBuxq0Vk2d9Ne6/fiOT/QbJVhKqoO+Y/Mxz14BUYHcmuS1fxBMNWn8nxpc6bHuBW0k8PuzRDA4yy5Prz61LkluS52R6HRRRVFnjmsf24/xQ8Y2vh3w9Bq093YW9u881ykQtVeMjOG5YHuAR92rUfhDxZ4T1rQr3QbC21l7bQxpcxe5EKwyby3mHPLICeg5IHavUo7G0hvJruG1hjubgKJp1jAeQL90M3U47Z6VPWnPolb+tV+rO14t7KKtZL10S7+XQ8atPB3inSPDHgtk8PRaneaHcXctxYtdxIDvc7CHJI7hu+MdjW5o2l+LNA0DXNSOgw3ura5ftO2mQXqRrbIy4yZG+VmHfHWvQpr60trmC3uLqGKe5JEETyBWlIGSFB5bA54pt/qNjpVqbrVLy3srcEAy3EqxoCegyxAolNyvdb/AOYSxVSb1itXfrrq337tnA+AR4v8NfD9tLvPCObrTYwLVP7Sh/0ws5LDIyI9oPcnNVPBWjeLE0nxDoWtaAdJg1Z7u4S/F/FKYnlAATYnJxkndx06V6XZ3trqNol1p9zDdW8gyk0EgdG5xww4PNJZ6hZ6jG8mn3cF0kchjdoJQ4Vx1UkHgj0olNycrrcl4iXvNRWrv10f3+pw3gW18V6TDpmgar4X0+2sdNDKdTju1bzcKQGSMDcGYkZJxwW9cV6DRRSlJyd2YVJ+0lzWseRa14f8Zf8ACaXN34O0S50NprvdLfjWY2tbkZx5klsQTkgduee9dF420vxAnjDw94j8O6VHq505J4prQ3SwMRIoAYM3GB+J/mO7qKS7t4rmK3luIkmmz5UTOA0mBk7R1OBzxTU3p5f5WN/rMm0+VaJrrqvPW/4nmnjjTfHuu3+lvptvfW1hJZD7Taafq8dq9tck/NvkKnzEAOMKOcHp3gTwLr5+AMPhsW0aaxBIZRA8qkPi4MgG4HHK+/fnFer1FdXdvZW7T3s8VvCv3pJXCKPqTxQqjSsl1uNYqfLGMYrR3/P/ADOVl1rxdP4SnmbwXs1JpTAth/asRzEV/wBb5mNvU429a5XRPCninUPg/e+C9V0ldGmigC21216kq3DeaXIKpkoOAD1zmvV3dY42eRlVFGWZjgAeuais7211G0S60+5hureQZSaCQOjc44YcHmlzaOy7fht+pMcQ4RXLFKzT67r5nL+D5/Ess0UGv+FrLRYLO18lJorpJWkbK8Iq/cTAJIJ9K65lDqVYBlIwQRwRS0UpS5ncwlLmd0rHnugfD60sfiR4g1G48O6fHpji1bTG8iIrG6p85RRyh3c5wMnmqPiNfG0/xI07WtP8F/abXSBcQxH+1YU+1LIMB+eU6ZwQa9Bv9d0jSpoodU1WyspZv9WlzcJGz9uAxGank1Czhv4bKW7gju51LRW7SgSSAdSq5yQPaqU5XT3tp+Fjp+sT5ueUb3Vtb7JW7/ecDqHhLUrzXvHF+dMjZtU0hLawkLxlmfyWDIDnK/Nt5OAcD0rC1Xwx4+/snw1punJfJY22lxwXMOn6rHZvFcDgl3w29MY4XPQ9O/sdFCm1p/XX/MI4ucbaJ2/yS/Q8lh0DxbpHwStvCtr4c+3X1zFcwXOL+KP7MGkYq3Jw+Q2cAj3rt/Araynha2tPEGjf2TPZRpbon2pJ/NVUUb8rwuTnj2rX1LWdM0aJJNX1G0sI5G2o91OsQY+gLEZNWYZo7iBJreRJYpFDJIjBlZTyCCOoolNyu2tyKlaU46xWrbvru9+tirrF1fWekz3Gk6f/AGleIAYrTz1h8w5HG9uBxk8+lebeEdK8X22geJdH1Xwv9jTU/tl1Fcf2hDJ+8lGFi2qf/HiQPpXq1V7PULPUY3k0+7gukjkMbtBKHCuOqkg8EelSno1bcVOs4QsordO+vTbrY850/wAF6pZ3Xw5aPTY4U0aCcajseMeU7xKOx+Yls5K555q5ZWHijw98TNaurPQE1LStcnt3a7W+SI2qqu1iUbliM5wPTrzx6FUUd3bzXEtvDcRSTQ482NXBaPPTcOozg9av2jbu/P8AF3/MbxEpJqST0t17t337slryrx9pvirxWt9oVx8P9N1G2culhrUmoon2YN92QoR5gI4JC9celeq1T1PWdM0W3WfWdRtNPhZtokup1iUn0yxAzWmFrSo1FKEbvpvv5WaOV7HDeKfB+t3vws0bwnE8mpzGa0g1G581V/cowMjneQSPlHHJPpS+OfCnifxd4u0qLS79dE0vSE+1xXrwR3Pm3WdqgRM38K5O4jqeM9R1154q8PafbW9xf69plrBdKWt5Z7yNFmA6lSThhyOnrUmneJND1eGeXSdZ0++jthmd7a6SRYhycsVJx0PX0NdMcTiYJTUdnJ3tpeVk/LpbYnlja3lb+vU4nwJ4b8T+FNE8YQX6m+vrm+mu7O5TyovtjvGPmChsR5YdCQBVG8+H2s/8M9WnhWxhT+1EjimuLWSZQJX80SyR7xlck5Gc446969DXxLoT6O+rJrWnNpqNta9F0hhU5xgvnaDkgde9Vrfxv4Uu5DHaeJ9GndUaQrFqETEKoLM2A3QAEk9gKv61inN1FDVSi3o94rT+vyC0fz/E4pbDx1rfiKLxVqHh2z0y40azki0zSZL9ZjPLIVDs0ijao2Age+O1Ztto2pt8QLDxr4g0HTPh/aWHmC+nbVI3OoGQYVWKYQDd1LckkdcDHq7axpiW1pcNqNosF8ypaymddtwzDKhDnDEjkYzmqGo3/hXVrs+H9XutHvbh2BOm3UkUjsRyP3TZOe/SqhjKidlTSVmtL6R6pXdnu/ivqxcqtq/66fkMh8c+FLqZILLxLo91cSHbFBDqELPKx6Ko3cknivJdY+Fvj7WvCuv38+sRxahrkguLnQhawvuKP+6j+0luNqgdOO3OSa9ctfBPhSxuorqy8M6Pb3ELB45obCJHRh0IIXINT33irw9pd+LHU9d0yzuzgi3uLyOOQ56fKSDzUUMU8PO+Ejd6Xuk9nf7r2ffRWaK1fxHAppvjbwr421bWdE8Nwa7Fr8NsZQ+oJbvZyRx7SrZzuXkn5a3PiJoeteKPA9lo8Nqsk15d2o1IQyqqRRBg0pBYjcAV4AyT6V1uo6rp+kWZu9WvraxtgQpmuZljTJ6DcxApLrVdPsdO+33t/bW1ntDfaZplSPB6HcTjBrP63Uc4VVBc0bWeutrWW9tNNreYlFJNX3X9M5D4o/8ACVXfhi40Pwj4c/tMajayQTXX26OH7MDgfdcgtkFuhGKzdW8O654h+Adx4ek8P/2ZqUdtHb29gLyObIiZNp8zhRkL68etd/BrWl3WlnUrXUrOawUEm6jnVogB1O8HHH1qG28S6FeabPqFnrWnz2Vv/rrmK6Ro4v8AeYHA/GnTxFWnCMY01eMk763v562/AenMmmedv4O8Tr8JPEbSWguPF/iL5rmJJkXYpIQRBywXCR579Sa1/hxpVzYTOL74caf4VeC2WJL2C5t55bnplWMahv4QSSeTXRw+OPCdz5n2fxPo0vlIZJNmoRNsUdWOG4HI5rSudV0+ztYbm7v7aCCdlSKWWZVWRm+6FJOCT2A61dTFV3CVOcPif95W0SstbWSWiaZKjGys9v6Zbrz+H4aeVqkd39g8DjZMJdyeE9svDZyH+0cN/tY684rpX8aeFo782UniXSFu1k8o27X8QkD5xt27s5zxjrW3XnShODTkrGl76BXm194Y1TSPHWs6vYaLPriamFnscXcUcVhdeUIneRHYcFQuHUOwG8BRk7vSaKzauO5wupX8nwm+E1gYLP8Atc6XHb2rxifyWlJIQsmQcncchcc13KnKg4IyOhrM1hNAtpLXVvEC6bE9m+22vL4RqYGfjCO33SeBwea1Kptu7fcm1rJGX4jvZLLRpBa/8fVwy29vj/no5wD+HJ/CiV7fwx4XJRSYbG3CovdyBgD6k4/E1qVBFewT3c9tFJult9vmqFPy7hkDPTOOcfT1qbaMXW5U0KwfS9DiilzJckGWcjq8rHc3X3JFcF4i0HX9X1+5vrbQ7lYpdu0STwBhhQO0h9K9I+2wf2h9i8zNx5XmlAp4XOMk9Bz+eD6Viah4+8NaXqEtlf6l5VxC22RPIkbB+oUis6tOFRWkCkqa3sdFRRRWpR5d4g1vxbN4u8U2uk+IbbStP0a0hugZrRJDkxltgJxgMQck5I4x3qTw3471PVvF2kLqFzHbWF14aGoTwlVVBMJCGfceQMAnGcY/Or978LdM17x/quueJrS3vrWeOAWcYmkVo2RcPuC4BB47n8K3dZ8B+GPEElm+r6PBObFQluBuQIo6LhSAV/2Tke1a3jypf1s/6+R6MquHso26LVJaOy+/W+p5dHqviDxTYfDq+XUYV1i6ub9ReTQKVTG5d2xcAkKOB0JAz3rr/C9/P4n0HxHpHitrPXTpN5JbrdNbIEnAXIYpyoYHPTpx9a27v4beEr7RLTSLrSFexsmdreLz5B5ZdtzYIbPJ96km+Hvhafw1H4ffSIxpkcomEEcjplwMbiysGY47kmnOUZJpaf8ADjniKMrWVrPstFzN9+ztbZGH8Mre7uvglpkGm3v2C6kgkEV15Ql8pvMb5th4P0NV/h7q91p/gHxHe34huptMvrzcba1jt/PMag52xgDccdeTz1Nbll8MPCGnaZf6fZ6R5drqKol1H9pmPmBTleS+Rg+mKl0D4ceFPC+oPe6HpQtrh4jCzG4lkBQkEjDsR2Haic4ycn3M5VaLUt3eV9l9173/AK8zG8C3finV4dN1/VvE+n3FjqSlv7MitVQRZUkKkmdzMCOQenPPFegVzWlfDzwpoeuHV9K0WG2viWIkVmITIwdqk7V4JHAFdLUzcW/dOetKM53ht6JfkeT+I/EnizRvG0j65q1zoXh8XKLbzW+kx3VvLHkf6yUtvjY5x09xUPjDSfEM3xl0BbTxULV7uO5axf8As+N/sahBuTBP7zd6npXZTfC/wdc68+s3OiRzX0kxnd5JpGVnJzkoW2n6YxWj4k8G6B4uigj8Q6cl4LckxHeyMmeuGUg4PHHTgVUZxXL5X/I7FiaUZLlXRp+6vy6+d3qcT498Qa3olxpel6Z4k1J9UjsvMu4tN0KK7eYDgzsGYCMEg8DOPyrmfFeqa94r+BumeILvWEt4y6pd2q2qETuLjYsm48pjaDgcGvUNR+G/hLVl09dR0aOcabCtvbbpZBtjX7qnDfMB/tZ6n1NXU8H6CnhU+Gxp0Z0ghh9lZ2IGWLHBJyDuOQQeO2KanFJaap3/AB/r06BDE0YKFlqnrottb/pYy5dD8UxeDLu0uPF63GoM5kW/bSogFi2jMXlZ2nODyfX2rn9D8WXWifs9w+Ikt4JLqG3YpHFAsUYYzFAdiBQAMgnGOhro1+GXhFfDr6Euk4017n7U0H2mXmXbt3bt+7oOmcVPonw+8L+HYL2DSdJjihv0EdzHJI8yyqM4BDsRjk1PNGzXp0/r+tepmqtHlSlraV9krrtoyt4Qi8SRzRz6/wCKLLWYby286OGG2SIxHK/cZfvpg4yfb1rq5N/lt5W3fg7d3TPbNYHh7wH4a8KXc11oGlR2k8y7Hk8x3O3OcDcTgZA4HpXQ1M2m9DmqSTneP5JfgtDw7RtI8T6z8XtcOs2HhW/urU2f237TDLKkUZUEfZ9wJDbeu7vXV3/9q2Pxv0NLvUYL2zvorloIW0+JZLVVT7qy4LkEnPUfjXbWuh6dZa1fatbW+y+1ARi5l3sfMCDC8E4GB6AVzuo/CbwTq2p3Goahovm3VzIZJZPtcy7mJyTgOAPwq1UV1fZL9DseJpzk+bRcqWyfRLv3/A5zxRrvjF/E/i230LXINPsdEsI7wB7RJZCfKLbFyMYbByTkjAwOtVfEfjrWLjS/D8uj6xqFpqN5pi3lzYaXosd820gfvCXYbFzkcZr0h/C2jPNqcrWeX1W3W2vD5r/vY1UqF68cEjIwazb/AOGvhHVI9PS/0aOZdNhWC23SyDbGvRThvmA/2s9T6mkpRsk/60f/AAAhiKCa5o7eS7Lfvrc5O41D/hNP2eJ9a1+1tbm+WxuHWRoVOx0LIHXI+VsL2xXe+EP+RJ0T/sHwf+i1rNvPhp4Sv9FstJutID2Ng0jW0IuJV8sudzchsnJ9Tx2rT8OeFdG8JWMtn4fs/skEsnmunmvJlsAZyxJ6AUSlF81urMatSnKHLG+7draWfTcu6nb3d1pdxBpt79gupEIiuvKEvlN/e2Hg/Q1554F1LULf4ceKJ5JoGvbC8vVW4gs4oA7xpw5RFCkkjPOfcmvQNY0ix17SZ9M1aD7RZ3AAlj3su4Ag9VII5A6GsDSfhh4Q0KW4k0rSPIe5t3tpT9pmbdG/3l+ZzjOOo5qE1ytPqFKpTjT5Z73T2X53/r5nHaB4l8aDVvCJ1rWra5g8TWk22CKzVfsxWMMsm7GWY5BI4XJIA6VD4I0XxN/wsvxMn/CXjfaXdq2of8S2L/T12ZxjP7vgFcr9a9Lj8J6LFJo7pZYbREZNPPmv+5VlCkdfm4AHzZqpf+APDGp+JYtfvNKR9UhdJFuFldPmQgqSqsASMDqD0Fa+0jzXS79PO6/D+tDX6zTcWkrXXZb3f6WXrqdHXkfxK8OzjxI/ju1t9H8R6fpli1ve6TqeCsaoxZmjJyof/eGRz1zgeuVx+o/CfwRq2vvrWo6BDPfSSeZI7SybXb1ZA20++RzW+BrwoVeebe3RXv5bq3qnc86SurHHeOofDl78A7e/0jw9axm8hjj0uGS2RntmuJFyEOCVPJPy+gxTfiRc+GfAXhfTvCtotpoia28cOoXNtb4YWqACR22KWZmHygnP3m969Q1Pw7pWsW1lb6haCSGxuI7m3jR2jVJI/uHCkAgehyPanroWnL4ifXRbZ1J7YWpuGdjiINu2gE4AzycAZ711U8dTjyqXM0pSla/e3Lq77PV6fIjldvO349X92x5l8I38P6t4G8T27WtrfaDb61cyQxTQbozDhZEOxxxjsCOMVy0GlabpP7OF1r0Wj2kGr6y8iRTrbqskaTzbAofGVXyz0HGD717dF4U0aCPWEhtDGutMz34WaQeczLtJ+98uR/dxRP4U0O58KJ4auNPjl0hIVgW1csQEXG35s7sjA+bOc85zWn9o01VclezlFteSWq87v77dAUGvx/4BwnieG0PjrwN4XiulgtdIgkvZyGA8kJGIoGJPT52wM9TWB4X8P2/gHxlovhXxVoOkarJfXEk+l69bxgXW9Dv/AHoPzdxyDgcD5ucej6Z8MPBuj6Te6bp+g28drfrsuVZ3kaRc5wXYlsZGcA9aoRfDfTvB9jPdfDPRNJtdbfaqTapJNKirn5huyzDIzwuM96uGOo8jpKTs1bVJXd2+ZtSurN7appak+zdrf1/wep3VfPmo6PrXjfxh44OmeEdP1aO8uxpcOr31xGq6cYU2MyqQXzyDlO+OuK9L0z/ha39qW39snwaLDzF+0fZRdebszzs3cbsdM8V1GjaDpvh+1mt9It/Ijnne5lBkZy8jnLMSxJ5NctCssA5STUpNaWbstU9bNPov1Ld5Ky/rc8C+IeueH4WXwRq2rhrbw1ojQw7onf7XfmHYmdoIXYOck8M3tmum1Lw5feNfBvgvXdIfS9RuNG06OS40bVPngn3wrnd6NgcbuOhyMc+pWXhnSNOsL+ytLMJBqUss12GkZjM8nDszEk8jjrx2rnbv4N+Ar77L9q8PpJ9liWGI/aZgQi9ASH+bHvmuyOZULRS5k49bJ3unzaXja9+78mrE8mum23y0/wAvv9TjV0XTvib8MNNk8FWenaFOt/8A2jJo84Btrh0JRlcJjMZK9QMHGMA9N34fXnh3VvDHiB7jwppmjyWcrWmsWsEcbWszQgkkYG0rye34nrXQ638MPBviK3s4dV0G3eKxj8q3WF3gEaZztHlleMknFLf/AAz8H6l4etdCutEi/sy0k82G3hkeIB8Y3EowLHB6kmsamNoTpuneSTd/RX783vbLe1u41Fppvp/X59Tzzwr4S05v2e9X1UaRaQalqlhe3HmxwqJFjYsyIGAyFwq/KOPan+FtQj8YzaBeztv0Twdo0N1OP4ZL4wgge/loM+xNek+H/Anhvwtpd5p2g6b9ltb7P2iPz5H35Xb1ZiRx6Gn6X4J8PaL4YuPD2l6cLfS7pZFmgWVyXDjDZctu5HHWnUzClJ1Grtt3j5Jqz6vZaL79BKGi5vO/zt/l9x5Z8J/B2uXFvpmt6tonhG406+me/a6uLV5NRXeSyFWI2j5tpHPA969xrkvDnwt8HeEtXGp+H9H+yXio0Yl+0zSYU9Rh3I/SutrkzDFRxNbnht6W/V/f+A4Ra33OC1b4j/2bq91ZfbvBKeRIU23niryJhj+/H9nba3tk49a7qGTzYI5Mod6hso25eR2Pce9PorzltqaPc4D4u6TYyeB9S1WS3WS9ijhhimclvKUzoSFB4UnuQATgA5wMdnq9tfXmj3VvpOof2beyRlYbzyVm8luzbG4b6GqHiHwjpHiqMRa2t7LCF2mGHUbiCNucjckbqrHIByQTVDxP4WnvvAl14a0eOO5ivUaCSTVr+eUxI2cyBm3vIynBCllH+0MVLvytDXxXOgeb+zdHM2oT+abaDdNNtC7yq/M2BwM4ziqXhq2lg0cXN6Nt1eubqfP8JbkL/wABXav4VDF4ZEXhLTNA+2ySQWUcEUski5a4SIDg88btoz171parZyajpVxZxXBtmnQxmULuKg8HA9cZq5btr+v6/QzSel+n9f16mb4bDXq3msyZVtQk/cnHKwJlY/z5b/gVcb4i17X9I1+5sbbXLlootu0yQQFjlQe0Y9a9Lit44bVLeIbIkQRqFOMADAwRWFP4F0C5maa5trmaVvvPJfzsx7dS9YVYSkrQdhxVlqjoaKKK2KOZ1n4i+FPD+oT2OsaxHa3UBQSRNE5YbxlSMKcjHUjIHGcZrSg8S6Rc6xBpdtepLd3FmL6JEVirwE4DhwNuM++a8w1j+3H+KHjG18O+HoNWnu7C3t3nmuUiFqrxkZw3LA9wCPu1aj8IeLPCetaFe6DYW2svbaGNLmL3IhWGTeW8w55ZAT0HJA7VryLlT6v/ACf62+89GWGpJJc1nZPddk/lu99zd1j4nadZzeG76yvLY6FqklwLi7njdSgiU/dBwQdwxyDntWrN4mk8Q+EZdV+Ht5pt7Kj43XokEYxywZRhg2MYBx1FcDaeDvFOkeGPBbJ4ei1O80O4u5bixa7iQHe52EOSR3Dd8Y7GtzRtL8WaBoGuakdBhvdW1y/adtMgvUjW2RlxkyN8rMO+OtOcYpPl6bffoVOlRTXI1o7brX3pb/K2uxu+FvGQ1D4Z23irxE0NqpieW4aCNyiBXK5C/M3QD1qbwN4mbxTolzqD3lhdRrdyRxSWUc0ahAAQGEoB3YPOOPSue8Ajxf4a+H7aXeeEc3WmxgWqf2lD/phZyWGRkR7Qe5OaqeCtG8WJpPiHQta0A6TBqz3dwl+L+KUxPKAAmxOTjJO7jp0pzjG87fIzlRp2nqvi7rbyW/b+kzr9K+IPhbXNcbSNJ1mG6vlBPlorYbAydrY2tx6E10defeBbXxXpMOmaBqvhfT7ax00Mp1OO7VvNwpAZIwNwZiRknHBb1xXoNROKi7ROatCMJ2jt6p/kcxqHxH8J6Zr66LeaxGuoGRYvJSKSTDscBSyqQDnsTx3rC8RfF7RdA8cWuizXUS2sfmDUpmglZoGC5RVwOck9RmsbWvD/AIy/4TS5u/B2iXOhtNd7pb8azG1rcjOPMktiCckDtzz3rovG2l+IE8YeHvEfh3So9XOnJPFNaG6WBiJFADBm4wPxP8xUYx91vrf8jsVKhGST1un9pb/dZeWpp6t8SPCmh2thcapqvkRajALi1b7NK3mRkAg4VTjqODg1keNfitpHh7wzbX+k3dveXN+oks0ZJCkibgrsSBxjngkHIxWd4403x7rt/pb6bb31tYSWQ+02mn6vHavbXJPzb5Cp8xADjCjnB6d4E8C6+fgDD4bFtGmsQSGUQPKpD4uDIBuBxyvv35xTUYJJvv8Ahf8Ar1HCjh4qEpPd6q68/LS3U6s/EjwzN4SufEFpqqGxhl+zmd7ebasxAIUrt3Y+YcgVd8L+If7T8E22uapeWBVo3kmubUSRwBVYgkeaAwAA5z71ny614un8JTzN4L2ak0pgWw/tWI5iK/63zMbepxt61yuieFPFOofB+98F6rpK6NNFAFtrtr1JVuG80uQVTJQcAHrnNTyqz+XX7/6/yMlRpuKu7e9rqnp8ux3Xh7xz4b8VXc9roGqR3k1uN0iCN1IGcZG4DIz3Ga3mYIpZiFUDJJPAFcj4Pn8SyzRQa/4WstFgs7XyUmiuklaRsrwir9xMAkgn0rrmUOpVgGUjBBHBFTNJOyOapGMZ2W3qn+K0PM7z4mXmp+NpdG8J6h4YS1tvKDXOpXhP2tnwdsGw4JHTHPNbreOLe4+JFt4a07ULFiiyC8tpYJxOHC7hsbb5eMdcn6Vm6B8PrSx+JHiDUbjw7p8emOLVtMbyIisbqnzlFHKHdznAyeao+I18bT/EjTta0/wX9ptdIFxDEf7VhT7UsgwH55TpnBBrRKDaS7fjb/M7ZQozk4wtpHulrZd99fuOq1r4jeFPDt9PZazrEdrc2+zzIjFIzDeMrgKp3DHUjOOM4yKdrvxC8L+GhaHWdVWBb2LzrdlhklEicfMCikY5Fc7qHhLUrzXvHF+dMjZtU0hLawkLxlmfyWDIDnK/Nt5OAcD0rC1Xwx4+/snw1punJfJY22lxwXMOn6rHZvFcDgl3w29MY4XPQ9O8qMWlr/Vn/XzFChh5Ne966pdE9NO7aOy8WeKdTi8D/wDCS+CJdKvLWOJriV7wSEPEAfuBSPmyMYOK6LQr6XVPDunX9wqLLdWsczhAQoZlBOM9ua80h0DxbpHwStvCtr4c+3X1zFcwXOL+KP7MGkYq3Jw+Q2cAj3rt/Araynha2tPEGjf2TPZRpbon2pJ/NVUUb8rwuTnj2pyjFKVu/wDX6GVanGNP3WtG1urtdH+Zs6nqdpo2l3Go6lL5NrbIXlk2ltqjvgAk/hXPeEPF6a54Yv8AWry+sZ7W2nlxNYwzKqxIA3zLIoYsAecDHpW9rF1fWekz3Gk6f/aV4gBitPPWHzDkcb24HGTz6V5t4R0rxfbaB4l0fVfC/wBjTU/tl1Fcf2hDJ+8lGFi2qf8Ax4kD6Vml7smKlThKneTs7rqtuum/9eR12m/EjwjrF/8AYtN1qG4uPINxsWNx8gXceSuMgdV+8MHjg1z3h/4zaBrHiu80yW9ijt3nhg0t1t5t1yX4O75fl+YgcgVFp/gvVLO6+HLR6bHCmjQTjUdjxjyneJR2PzEtnJXPPNXLKw8UeHviZrV1Z6AmpaVrk9u7Xa3yRG1VV2sSjcsRnOB6deeNuWmpW9evn+qNfZ4flly6u11qu7Xbsr27P5noVed+L/Hus2fjy18H+F4tHg1Ce1FyLrW5nSF8sVEaKnLOcZ6+vHFeiV5V4+03xV4rW+0K4+H+m6jbOXSw1qTUUT7MG+7IUI8wEcEheuPSt8BGnKt+8St5tL56tXt2vqedL4TQ8YeI/H/h3wLFrkdr4dhns4ZH1OK4aaQEhgE8nbjqOcMe4HrUieK/FugeBb3XfG0GjG5eOL+zbTTBLuklk4WN9567io+XsG5qPxT4P1u9+FmjeE4nk1OYzWkGo3Pmqv7lGBkc7yCR8o45J9KXxz4U8T+LvF2lRaXfroml6Qn2uK9eCO5826ztUCJm/hXJ3EdTxnqO2n9WlFQnypc0rv8AuqzXd66paN2M/e0fl+P9bknhbxP4v8UeBdRmt4NFh8SWWoy2RSYSragxsoYnBL9Cce+K5zSviJ4/k8H6p4r1WDw0ukWC3KKIEn82aWPKIVBbGwyYHJBxnpW34E8N+J/CmieMIL9TfX1zfTXdncp5UX2x3jHzBQ2I8sOhIAqjefD7Wf8Ahnq08K2MKf2okcU1xayTKBK/miWSPeMrknIznHHXvWqeFjUlH3bOUdeya95ryXnt1BX036/hsvmbur+MtW0qDwbbvbWzanrcq/bYhG5CRrFvmMYDZyOAMk/jWP4L8e+L/HNxDqulWnh1dDNx5VxZm6ka/t03Ebm/gBwNwGORQth461vxFF4q1Dw7Z6ZcaNZyRaZpMl+sxnlkKh2aRRtUbAQPfHas220bU2+IFh418QaDpnw/tLDzBfTtqkbnUDIMKrFMIBu6luSSOuBghSw6ptNR5rPW6et3oknrdWSavZ/Ml81v61/r9D2OvPtS8YeKta8Vahonw807S3TSWWO91HV5JBD5pGfKRY/mJA6n6jjgnpbbxx4TvLqO2s/E+jTzysEjii1CJmdj0AAbJPtXE6Lp3jnwXretafpHhyz1ax1XVJL+PVJNQWEQiTGRJGRuYjH8NcGFo8rk6iXNbRS0W+r1tey6GkpaaFmbxn411PUjoHhrSNIGtWFqk2rTXk7tawSNnbCmz5ixA3dcAdai074oajreg+DbnT7G2gvNd1FrW6im3Oscce7zWTBHPy8ZzjPOar3Wj+O/D/izxT/wi+i2l/B4ilSWHU5r1YxZNs2nfGRufHYD9elZ83g3xJ4N1rwj/wAI14bbxJa+H7CZS5v4rUNczE73G8k+vGP4uvFehGnhZJL3bvVar+Vtp3envWSTtt98S5tbef8Akn69fvO++IXiW+8LeF1u9Ijt5dQuLuC0tkuVZoy8jheQpB6ZPWtzVf7T/se4/sT7IdS8v9x9s3CHf/tbfmx9K888cW3i/XrPwjfW/hD7Rc2N99vvdNGpwqInQERr5pwG5OcgEcVsX/iDxzJ4P8+18ChdXnkeE2X9rwkQJtO2UvgBuf4Rz71wfV17KHK43u7+9HyST120bvtruaKXvLtb/P8A4ByukfETx3J4J1rxXrEHhxdNsIrhIBbJP5k08bbFOC2PLLZHUHjtWxoHjTxhaeLdE0bx1YaQi69byS2cultIDEyJvZJA5POPTjPc1zA8LeM2+BcHhP8A4RAxXFvdwrJbjU4T9riDmWRy2cJlgBjJPNdEmg+Ltd1S58V69plvp17YaZPbaLo8F0srJK6kF3l4XJ4Udsc8Y59KtDDe/pC15JWavt7jVn1bu+llqZK7stdf8/0X39DN8M/EnxZ4t1oLpmpeCLe0e+eGOyubiUXzwq5+YIGwSVBI6A+wqN/ij40ttIvPFs+m6JN4UtdSe1KxmVbtohL5YkGSUP8AU9hS+AvDuuaHpMVpcfDCwsNRsrCXytbF7ayTzXGw46DcCxJGS2AOM4qv4c8E+MNV8JaN4O8QaHb6FoWnzJPfTNfJcTX5VzJtUJkIC5ycnI7HsdZwwcaj0jyprrF+7rdqz1eit11BuTV9db/8Bfjvtoe1KwZQw6EZFLR0ri/EfgL+3dbkv/sfhGXeqjdqnhv7ZOcDHMvnpkegxwK+VN1tqdpWdq661JHDHoEthbuzHzZ72J5gi44CxqybiT6uuOvPSpdIsf7M0e1stlonkRhNtlb+RCMf3I9zbR7ZNYHxAuPFC6HHZ+DtPnnuLyTyri7t5YVks4v4nRZXQM+OFGQAeT0wVLyBE/hTxLPq2h6hcawkMU+l3lxZ3MtuG8qQxHmRFOSAR/DkkHIycZrW0bWbDxBo1tqukT/aLK7TzIZdjJvX1wwBH4isjwpbro3hM2Vh4fvNIjslby4dRuIS07YLF2eOSQfMxOWPOSTiofDnjca98NofFlxp72PmxO4tTJ5nKuVUKwA3BiBggc5FN6J+Vv6+f4C8/X+vl+JrWV7PfeIb5YpP9Cs1WDaAPnmPzMc9flBUfUmrU+rWFtM0VxdwxyL1VnAI71W0a1Gi+Hk+2PiRVae6kPd2yzn8ya5eLwNaeJ4xrWqvPHc32ZigYjYhPyL17JtFJxk/dTS89zPncVezbfTb8/kd5RRRTNSCOxtIbya7htYY7m4CiadYwHkC/dDN1OO2elT15d4g1vxbN4u8U2uk+IbbStP0a0hugZrRJDkxltgJxgMQck5I4x3qTw3471PVvF2kLqFzHbWF14aGoTwlVVBMJCGfceQMAnGcY/Or5Hy839bN/odcsLPl5rp6Lv2VvwaPRpr60trmC3uLqGKe5JEETyBWlIGSFB5bA54pt/qNjpVqbrVLy3srcEAy3EqxoCegyxArxaPVfEHimw+HV8uowrrF1c36i8mgUqmNy7ti4BIUcDoSBnvXX+F7+fxPoPiPSPFbWeunSbyS3W6a2QJOAuQxTlQwOenTj60503BNvp+jsXPC8jXM/J/+BNfdod5Z3trqNol1p9zDdW8gyk0EgdG5xww4PNJZ6hZ6jG8mn3cF0kchjdoJQ4Vx1UkHgj0rh/hlb3d18EtMg029+wXUkEgiuvKEvlN5jfNsPB+hqv8AD3V7rT/APiO9vxDdTaZfXm421rHb+eY1BztjAG4468nnqaJwUXJdv8zJ0Pis9VK35npFFef+BbvxTq8Om6/q3ifT7ix1JS39mRWqoIsqSFSTO5mBHIPTnnivQKmUXF2ZlUh7OXLe4VFJd28VzFby3ESTTZ8qJnAaTAydo6nA54ryzxH4k8WaN42kfXNWudC8Pi5Rbea30mO6t5Y8j/WSlt8bHOOnuKh8YaT4hm+MugLaeKhavdx3LWL/ANnxv9jUINyYJ/ebvU9KqNO9td7/AIK50xwv80ls316fL7z16orq7t7K3ae9nit4V+9JK4RR9SeK8z8e+INb0S40vS9M8Sak+qR2XmXcWm6FFdvMBwZ2DMBGCQeBnH5VzPivVNe8V/A3TPEF3rCW8ZdUu7VbVCJ3FxsWTceUxtBwODTjTbs76N2/r+vUdPBuXLKUkk3br/l5HuruscbPIyqijLMxwAPXNRWd7a6jaJdafcw3VvIMpNBIHRuccMODzXMS6H4pi8GXdpceL1uNQZzIt+2lRALFtGYvKztOcHk+vtXP6H4sutE/Z7h8RJbwSXUNuxSOKBYowxmKA7ECgAZBOMdDU8ujafb8TKNDniuV3bdvv9UenUVyXhCLxJHNHPr/AIostZhvLbzo4YbZIjEcr9xl++mDjJ9vWurk3+W3lbd+Dt3dM9s0pLldjGUVGVk7lK/13SNKmih1TVbKylm/1aXNwkbP24DEZqeTULOG/hspbuCO7nUtFbtKBJIB1KrnJA9q8W0bSPE+s/F7XDrNh4Vv7q1Nn9t+0wyypFGVBH2fcCQ23ru711d//atj8b9DS71GC9s76K5aCFtPiWS1VU+6suC5BJz1H41fs1or7pv8LnXPDRi+VS1Ub/hc9GoryrxRrvjF/E/i230LXINPsdEsI7wB7RJZCfKLbFyMYbByTkjAwOtVfEfjrWLjS/D8uj6xqFpqN5pi3lzYaXosd820gfvCXYbFzkcZpKDaT/r+tBRwc21qtfXTRPXTzPU9S1nTNGiSTV9RtLCORtqPdTrEGPoCxGTVmGaO4gSa3kSWKRQySIwZWU8ggjqK8tuNQ/4TT9nifWtftbW5vlsbh1kaFTsdCyB1yPlbC9sV3vhD/kSdE/7B8H/otaJQ5bp7pmVSkoRv1u0/kbFV7PULPUY3k0+7gukjkMbtBKHCuOqkg8EelN1O3u7rS7iDTb37BdSIRFdeUJfKb+9sPB+hrzzwLqWoW/w48UTyTQNe2F5eqtxBZxQB3jThyiKFJJGec+5NQlo32FCjzw5k9bpfeem1FHd281xLbw3EUk0OPNjVwWjz03DqM4PWvJ9A8S+NBq3hE61rVtcweJrSbbBFZqv2YrGGWTdjLMcgkcLkkAdKh8EaL4m/4WX4mT/hLxvtLu1bUP8AiWxf6euzOMZ/d8ArlfrWvsrNpv8Aq9jZ4XljJyktFfr3t27q3/APY6p6nrOmaLbrPrOo2mnws20SXU6xKT6ZYgZq5XkfxK8OzjxI/ju1t9H8R6fpli1ve6TqeCsaoxZmjJyof/eGRz1zgaYSjCtVUJysv16Lsr92cLuloejXnirw9p9tb3F/r2mWsF0pa3lnvI0WYDqVJOGHI6etSad4k0PV4Z5dJ1nT76O2GZ3trpJFiHJyxUnHQ9fQ15h46h8OXvwDt7/SPD1rGbyGOPS4ZLZGe2a4kXIQ4JU8k/L6DFN+JFz4Z8BeF9O8K2i2miJrbxw6hc21vhhaoAJHbYpZmYfKCc/eb3ruhgIVEox5uZya6dLNvTsn95HPs+lr/wBevQ9QXxLoT6O+rJrWnNpqNta9F0hhU5xgvnaDkgde9Vrfxv4Uu5DHaeJ9GndUaQrFqETEKoLM2A3QAEk9gK8++Eb+H9W8DeJ7drW1vtBt9auZIYpoN0ZhwsiHY44x2BHGK5aDStN0n9nC616LR7SDV9ZeRIp1t1WSNJ5tgUPjKr5Z6DjB960WX0vaSpybvzRitvtbX9Ooud2T9fuW7Pem1jTEtrS4bUbRYL5lS1lM67bhmGVCHOGJHIxnNUNRv/CurXZ8P6vdaPe3DsCdNupIpHYjkfumyc9+lcP4nhtD468DeF4rpYLXSIJL2chgPJCRiKBiT0+dsDPU1geF/D9v4B8ZaL4V8VaDpGqyX1xJPpevW8YF1vQ7/wB6D83ccg4HA+bnGdPBU3DnUnzWbS62TevySvbez0Bzdvz/AK+49WtfBPhSxuorqy8M6Pb3ELB45obCJHRh0IIXINakWo2U17cWcN5byXNqFNxAkql4QwypZc5XI5GetWK+frrVfGNrb/ELxdoX9hrpM97LbTPe+cbgrCPKXy9vy9+MnrXPh6E8Y5c09Va131bSt+Zeit5u35ntE/jLwxa28Fxc+I9JhhuQTBJJfRKsoBwSpLYbB4OKWTxh4ai0+K/l8RaSlnM5SK5a+jEcjDqFbdgkegryrxN4X09fh/8ADvw3caZayaheXNpbvI8S+bHGB5k+CRkAnOQD3qXx7oEl78QtD0HwlpXh0W+jadPqMtlqcO2yUSNsy0aDGeCRkY7muuOBw8mlzPeWulrR2fz2IU21fyT+/Q9YOv6Mujf2u2rWI0z/AJ/Tcp5PXH387evHXrVa38Y+Gbu3uLi18RaTPDaqHuJI76JlhUnALENhQTxzXhFtbtq3wX8L6LoNrAl94i16SaSG4/492MbOX4UcRfIvAB4GOa3vGnh/UtM+Gb6Le6T4W03WPEOq21hCNBtXhikTcGHmEjccFW+g960eWUYz9nKerlbpsnZv8/uBTf4X/P8AyPYLDxHoeq209zpes6fewWwzPLb3SSLEMZyxUkDgE81ImuaTJZ2t5Hqlk1teSCK2nW4QpO5yAqNnDE4PA54NeBWFosXgLxtrLW1np+t3Mg8Oyabptr9nt4H8xUyoySxbeDuODweKNKvrXwx4hsfCWpzH7D4Q1O/1KTJ/5YLCHgP1Lyn8frTeUwfNySbt5dFG7/FpLvcOeVtvL/L8U0e/f2zpn9r/ANlf2jaf2js3/Y/PXztv97Zndj3xWfceOfCVpcyW914o0WGeJikkUmoRKyMDgggtkEHtXhvgbxNpes/Fjwxq0N6tzrmqzXz6oixyL9nVox5MW5lAYKqY4JGc/Wu3ufCvh3WPj99lbw/pr21hpDXV2ps49k1xLJgFxjDHbk5PNZ1Mtp0KnJWb+FyenVNrr0bWj63uHtLpteX3PQ9AvPGHhrTjCNQ8RaTameITRCe+jTzIz0dctyp7EcVpWl3bX9pHdWNxFc28q7o5oXDo49Qw4IrxG48O6z4o+KPiW88N6P4UvLDTfI0tItft3kji8uMEiJUBAwTjtxgCvbrO1hsbGG1toYYIoUCJFAgREAHRVHQe1ceKw9KhCHLK8mk2u11f9Sk3zWJqK5TxZ4y/4Ru/ht/tXhmHzY9+NY177DIeSPlTyX3Djrkc9q1vDes/29osd/5umS72Zd2l3/2yDg44l2Jk+oxxXnrXYt6bjvETaCNDm/4Sw6cNKJUS/wBp+X5BORt3b/l64xnvirGl6hp2qadFc6Ld2t5ZEbY5bSVZIzjjAKnHGMVNdtcpZytYxRTXIUmKOaUxozdgWCsVHuFP0rjfAbSx+JvFsGpwx2+rSXkV1cwWzb7dEeJVjKPhS5IjO4sqndnjGCRbtA9kzt6KztEstSsbOWPWdW/tWZp5HSb7MsOyMnKx7V4O0cbuprRoAKKKKAOBvfhbpmveP9V1zxNaW99azxwCzjE0itGyLh9wXAIPHc/hW7rPgPwx4gks31fR4JzYqEtwNyBFHRcKQCv+ycj2qLWfiL4U8P6hPY6xrEdrdQFBJE0TlhvGVIwpyMdSMgcZxmtKDxLpFzrEGl216kt3cWYvokRWKvATgOHA24z75q7zsuyOqU8RpJ3VlpvtZLT8DLu/ht4SvtEtNIutIV7GyZ2t4vPkHll23Nghs8n3qSb4e+Fp/DUfh99IjGmRyiYQRyOmXAxuLKwZjjuSax9Y+J2nWc3hu+sry2OhapJcC4u543UoIlP3QcEHcMcg57VqzeJpPEPhGXVfh7eabeyo+N16JBGMcsGUYYNjGAcdRTfOldlWxK5btrXu9Hdp+jvcisvhh4Q07TL/AE+z0jy7XUVRLqP7TMfMCnK8l8jB9MVLoHw48KeF9Qe90PShbXDxGFmNxLIChIJGHYjsO1ReFvGQ1D4Z23irxE0NqpieW4aCNyiBXK5C/M3QD1qbwN4mbxTolzqD3lhdRrdyRxSWUc0ahAAQGEoB3YPOOPSnLnTkm9t/yJlLEcsuaTtez1er/pfkLpXw88KaHrh1fStFhtr4liJFZiEyMHapO1eCRwBXS1zmlfEHwtrmuNpGk6zDdXygny0VsNgZO1sbW49Ca6OolzacxlV9pzfvb38zk5vhf4OudefWbnRI5r6SYzu8k0jKzk5yULbT9MYrR8SeDdA8XRQR+IdOS8FuSYjvZGTPXDKQcHjjpwKp6h8R/Cema+ui3msRrqBkWLyUikkw7HAUsqkA57E8d6wvEXxe0XQPHFros11EtrH5g1KZoJWaBguUVcDnJPUZqkpuyXyOiMMXOSa5rpab7eRu6j8N/CWrLp66jo0c402Fbe23SyDbGv3VOG+YD/az1Pqaup4P0FPCp8NjTozpBDD7KzsQMsWOCTkHccgg8dsVR1b4keFNDtbC41TVfIi1GAXFq32aVvMjIBBwqnHUcHBrI8a/FbSPD3hm2v8ASbu3vLm/USWaMkhSRNwV2JA4xzwSDkYotUemu/4ijDFT5Yq/lv8Agai/DLwivh19CXScaa9z9qaD7TLzLt27t2/d0HTOKn0T4feF/DsF7BpOkxxQ36CO5jkkeZZVGcAh2Ixyarn4keGZvCVz4gtNVQ2MMv2czvbzbVmIBCldu7HzDkCrvhfxD/afgm21zVLywKtG8k1zaiSOAKrEEjzQGAAHOfeh89ne/mTJ4hR95u1/Pff7xvh7wH4a8KXc11oGlR2k8y7Hk8x3O3OcDcTgZA4HpXQ1geHvHPhvxVdz2ugapHeTW43SII3UgZxkbgMjPcZreZgilmIVQMkk8AVMua/vGNT2nP8AvL389yha6Hp1lrV9q1tb7L7UBGLmXex8wIMLwTgYHoBXO6j8JvBOrancahqGi+bdXMhklk+1zLuYnJOA4A/CsS8+Jl5qfjaXRvCeoeGEtbbyg1zqV4T9rZ8HbBsOCR0xzzW63ji3uPiRbeGtO1CxYosgvLaWCcThwu4bG2+XjHXJ+lWozVmu34I6eTE03dNp2u9XtbS/yNl/C2jPNqcrWeX1W3W2vD5r/vY1UqF68cEjIwazb/4a+EdUj09L/Ro5l02FYLbdLINsa9FOG+YD/az1PqafrXxG8KeHb6ey1nWI7W5t9nmRGKRmG8ZXAVTuGOpGccZxkU7XfiF4X8NC0Os6qsC3sXnW7LDJKJE4+YFFIxyKlc+jREViU1y82u2/b/K3yIbz4aeEr/RbLSbrSA9jYNI1tCLiVfLLnc3IbJyfU8dq0/DnhXRvCVjLZ+H7P7JBLJ5rp5ryZbAGcsSegFYvizxTqcXgf/hJfBEulXlrHE1xK94JCHiAP3ApHzZGMHFdFoV9Lqnh3Tr+4VFlurWOZwgIUMygnGe3NN89ndkzdb2a5pOzb0v166fMdrGkWOvaTPpmrQfaLO4AEse9l3AEHqpBHIHQ1gaT8MPCGhS3EmlaR5D3Nu9tKftMzbo3+8vzOcZx1HNdFqep2mjaXcajqUvk2tsheWTaW2qO+ACT+Fc94Q8Xprnhi/1q8vrGe1tp5cTWMMyqsSAN8yyKGLAHnAx6VK5rO23UIOsqfut8t/Pc04/CeixSaO6WWG0RGTTz5r/uVZQpHX5uAB82aqX/AIA8Man4li1+80pH1SF0kW4WV0+ZCCpKqwBIwOoPQVFpvxI8I6xf/YtN1qG4uPINxsWNx8gXceSuMgdV+8MHjg1z3h/4zaBrHiu80yW9ijt3nhg0t1t5t1yX4O75fl+YgcgVaVRvS9y408TZtJ6Lz2f6dfxPSa4/UfhP4I1bX31rUdAhnvpJPMkdpZNrt6sgbaffI5rsK878X+PdZs/Hlr4P8LxaPBqE9qLkXWtzOkL5YqI0VOWc4z19eOK3wixEqjVCTTs762063OOVra7HY6n4d0rWLayt9QtBJDY3Edzbxo7Rqkkf3DhSAQPQ5HtT10LTl8RProts6k9sLU3DOxxEG3bQCcAZ5OAM964rxh4j8f8Ah3wLFrkdr4dhns4ZH1OK4aaQEhgE8nbjqOcMe4HrUieK/FugeBb3XfG0GjG5eOL+zbTTBLuklk4WN9567io+XsG5rVYau6acZp3biknu76/fo/Qm6uk/6tr+B1MXhTRoI9YSG0Ma60zPfhZpB5zMu0n73y5H93FE/hTQ7nwonhq40+OXSEhWBbVyxARcbfmzuyMD5s5zznNcv4W8T+L/ABR4F1Ga3g0WHxJZajLZFJhKtqDGyhicEv0Jx74rnNK+Inj+TwfqnivVYPDS6RYLcoogSfzZpY8ohUFsbDJgckHGelaLC4luS59YtLfr0t+gKS0t1f8Aw53GmfDDwbo+k3um6foNvHa367LlWd5GkXOcF2JbGRnAPWqEXw307wfYz3Xwz0TSbXW32qk2qSTSoq5+YbsswyM8LjPel1fxlq2lQeDbd7a2bU9blX7bEI3ISNYt8xjAbORwBkn8ax/Bfj3xf45uIdV0q08OroZuPKuLM3UjX9um4jc38AOBuAxyK0jDHOEqsp3j1vLR6tK/e9mvkTeFlobGmf8AC1v7Utv7ZPg0WHmL9o+yi683ZnnZu43Y6Z4rZHgXw4PCUnhn+zv+JRI5eS38+T52L7yS+7cfm56+3TiugrzLVPH/AIl1H4g6l4V8GwaFBcaYqGT+2p5Fe73LuxCic8DqTnqDXPTdbEy/dWjy6u2i02b9G9O1y/hV2bGs/CDwN4g1efVNX0T7ReXBBll+1zruIAA4VwBwB0FS618KfBfiHUIr3WNFFzPFEkKMbmZQqIMKu1XAwPpWL4+8U+PvDNhp+oaXZ+H/ACbn7PbSW1yZpJvtUhwVUqVUoOOc54NWtO8S+MbfxronhvxFFoj3N3Fc3V4+nLKUjgQKI9pdgQxckHIIxjHrW8VjfZxnGtok7e89Eld2+X6EtxT2/p/8E2Nc+G/hLxJYafZavo6S2umoUtIY5pIViBxkAIw/ujrT9P8Ah54X0uz021sdKEcGl3LXdohnkYRykYL8sdx+ucdq5S++KuoW2ra3Y2Glw6lOmqppOj28ZKNNMI90xkckjahI6Ads9ch2t+LviB4Q8I6pqfiXT9AlnjWIWB095SjSvIE2OrEE4BzkEChUcdyxp89k7WXNu32Xz1+fmN8t7W2/4b7tzrW8CeHHubmdtOzJd30eoTfv5MPcRnKPjdjg9uh7g1Fqnw58K61q15qep6SJ7u+jSK5k8+RRKiFWVSoYDGUTtzgZzVLwz4t1TxZ4jmbSobT/AIRuxXyZr9kYte3I+8IPmwI1PVjnJ4HqOzrkqTxNCaTm07d3ptp+C09Ow1aV9P63/P8AEztR0DTNVv8ATr2/tvNuNMlMto4dl8piME4BAPHY5FFpoOm2OuX+sW1uVv8AUFjW5mMjNvCAhQAThQAT0Az3rRorm9pO3Ld22+V7/nr6jsjirj4P+BrrXZNZuND8y/kuDcvMbuf5pC27dt3469sYrta4Txn461DRvEmmaVoFtbXA+1Wq6rNcBiLeKeZYkVdpH7xiSwzwFUnHIrqtT1/TdHvNOtdRufJm1Of7PaL5bN5kmCduQCBwDycCqnWq1ornk2loru/bb8AslJ99zRoopskixRtJIwVEBZmJ4AHesdhlbU9Mg1azNrdSXUcZYNutLuW2fI/24mVse2cVVsNEtvD+m3KaBaK1xLmQtdXMjPcSY4Mszb3PYZO4gAADAAp3h+6ub/ShfXbZF07SwptA8uIn5Bx324Jz3Jpui3s+pS312ZM2fnmG1QAfdT5WfPU5bd+AFHkTzJ2ZlfD/AMIyeENHvobiSLztQ1Ca/kgt2Yw2xkx+7jLYJUY6kDJycDpXVUE4Uk549BmvPNX8QTDVp/J8aXOmx7gVtJPD7s0QwOMsuT68+tS5JWTCT5ddz0OiiiqKPHNY/tx/ih4xtfDvh6DVp7uwt7d55rlIhaq8ZGcNywPcAj7tWo/CHizwnrWhXug2FtrL22hjS5i9yIVhk3lvMOeWQE9ByQO1epR2NpDeTXcNrDHc3AUTTrGA8gX7oZupx2z0qetOfRK39ar9Wdrxb2UVayXrol38uh41aeDvFOkeGPBbJ4ei1O80O4u5bixa7iQHe52EOSR3Dd8Y7GtzRtL8WaBoGuakdBhvdW1y/adtMgvUjW2RlxkyN8rMO+Otek0USqOV79f+HFLFylq0t79e7ffuzzjwCPF/hr4ftpd54RzdabGBap/aUP8AphZyWGRkR7Qe5OaqeCtG8WJpPiHQta0A6TBqz3dwl+L+KUxPKAAmxOTjJO7jp0r1KiiU+Zttbk/WXraK1d+u/wB/9X9Dz7wLa+K9Jh0zQNV8L6fbWOmhlOpx3at5uFIDJGBuDMSMk44LeuK9BoopSk5O7Mak/aS5rWPIta8P+Mv+E0ubvwdolzobTXe6W/Gsxta3IzjzJLYgnJA7c8966LxtpfiBPGHh7xH4d0qPVzpyTxTWhulgYiRQAwZuMD8T/Md3RRztW8v8rGzxUm03FbW663763/E8v8cab4912/0t9Nt762sJLIfabTT9XjtXtrkn5t8hU+YgBxhRzg9O8CeBdfPwBh8Ni2jTWIJDKIHlUh8XBkA3A45X3784r1ein7RpWXe/3FLFzUYxSXuu/wCe/wB5yEuteLp/CU8zeC9mpNKYFsP7ViOYiv8ArfMxt6nG3rXK6J4U8U6h8H73wXqukro00UAW2u2vUlW4bzS5BVMlBwAeuc16zRS5tGkt7fgRHEOCSjFKzT69Pmch4Pn8SyzRQa/4WstFgs7XyUmiuklaRsrwir9xMAkgn0rrmUOpVgGUjBBHBFLRSlLmdzGUuZ3Ssee6B8PrSx+JHiDUbjw7p8emOLVtMbyIisbqnzlFHKHdznAyeao+I18bT/EjTta0/wAF/abXSBcQxH+1YU+1LIMB+eU6ZwQa9QoqlUd030Vvwsb/AFmXM5SSeltb9rd+p5zqHhLUrzXvHF+dMjZtU0hLawkLxlmfyWDIDnK/Nt5OAcD0rC1Xwx4+/snw1punJfJY22lxwXMOn6rHZvFcDgl3w29MY4XPQ9O/sdFCm1p/XX/MqOLnG2idv8kv0PJYdA8W6R8Erbwra+HPt19cxXMFzi/ij+zBpGKtycPkNnAI967fwK2sp4WtrTxBo39kz2UaW6J9qSfzVVFG/K8Lk549q6OiiVRyvdbmdSu6kbNLdvru/mUtYur6z0me40nT/wC0rxADFaeesPmHI43twOMnn0rzbwjpXi+20DxLo+q+F/saan9suorj+0IZP3kowsW1T/48SB9K9WoqE7JruKnWdOPKkt0+vT5nmOn+C9Us7r4ctHpscKaNBONR2PGPKd4lHY/MS2clc881csrDxR4e+JmtXVnoCalpWuT27tdrfJEbVVXaxKNyxGc4Hp1549CorR1G3d+f4u5TxEpK0knpbr3b792FeVePtN8VeK1vtCuPh/puo2zl0sNak1FE+zBvuyFCPMBHBIXrj0r1Wirw9d4efOkm+l76eejRyvVHnXinwfrd78LNG8JxPJqcxmtINRufNVf3KMDI53kEj5RxyT6Uvjnwp4n8XeLtKi0u/XRNL0hPtcV68Edz5t1naoETN/CuTuI6njPUeiUVtDHVYNNJXTk9usrXdtunYnkVreVjzfwJ4b8T+FNE8YQX6m+vrm+mu7O5TyovtjvGPmChsR5YdCQBVG8+H2s/8M9WnhWxhT+1EjimuLWSZQJX80SyR7xlck5Gc446969Woqv7Qq+09pZXvGW3WKsh8q/P8Ty5bDx1rfiKLxVqHh2z0y40azki0zSZL9ZjPLIVDs0ijao2Age+O1Ztto2pt8QLDxr4g0HTPh/aWHmC+nbVI3OoGQYVWKYQDd1LckkdcDHsdVdR0yw1eza01ayt762YgtDcxLIhI6HawIq4Zg07ciStbS+ie6V3Z7t+9fUnkVrGZbeOPCd5dR21n4n0aeeVgkcUWoRMzsegADZJ9q838YeHvGPj3bp194H03Tb2KVfI8SrqSkwKr7soijzORnAJxk5969JtfBPhSxuorqy8M6Pb3ELB45obCJHRh0IIXINblRTxNPDVFOgrv+90flZr8bryHZtWZxXjDw7qet634OtoonuNP0/UBe31yZEXDRIfLypOSSx7A49qyvEmneLtJ+KjeKPDvh+LxBBPpQsFja/S2NsRJvJO8cg8dPfpxn0qiop4ycLJxTSTVtdbu72a/C2w3FP8PwdzxpPh74q8OHw/4j0+1tdb1uzvLy81CwFwIVle5AB8t2GBtAA5/wDrVteJNF8UeO9I8P2mvaFDYQHWUudQtEu0mEdsikhXOQHLMcYUHtXpdFavMakpKbiuZXs9dN3be2jemlxcm+u5xXwz0XWfDGk3/h/VoG+w2F440u6aVX862YkqMAlgV5+9jqMdK6+9t/tVhPb4hbzY2TE8XmRnIx8yZG4eoyMjvU1FcVeq683OS1e/9ee5UVy7HC6J8PP7I1q2v/sXgyPyG3brDwv9mnHBHyS+e2089cGu6oorIZ5ZrHgHxdFYyrp2saZqEt3rtvqM7yaWyy/LOjAs5uQGWNFACgAlVwME5rqvEniq88Knw5BcWUepy6rfxafPLbv5Plsw5kSI7iyjBJXdwO5611NVDpWnNqy6o1hanUVi8lbwwr5wjznZvxnbntnFC0Sj0v8A5K33IHq2+v8Aw/8AmW6xPE7m4tbfSIiwk1OXyWK9ViHzSH/vkY+rCtuigTV1YyfEF22naG0dkNtxMVtrVV7O/wAoP4dfoKvafZRabptvZW4xHBGI198DrViigVtbiMSqkhSxAyFHU/nXmPiLQdf1fX7m+ttDuVil27RJPAGGFA7SH0r0+isqlKNRWkWm1sFFFFaiCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA//9k=)

Fig. robot statuses

* **STATUS\_HIBERNATE** – it is the default one, when a client just start, before any movement to be performed.
* **STATUS\_COLLIDED** – when 2 robots are collided, both of them will show this status to the client and a message about collision will be displayed on server GUI too.
* **STATUS\_ACTIVE** – when robot is moved by the user a with a faster rate than the automatically updates are sent.
* **STATUS\_PASSIVE** – when robot do not changed its position and automatically updates were send.
* **STATUS\_STUCK** – will be shown when a robot cannot go further(forward or backward) because of the canvas dimensions.

Diagram

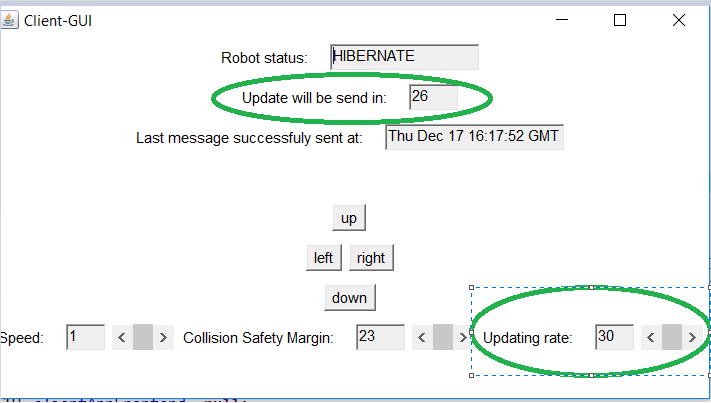
Description automatically generated

Fig. Server – GUI

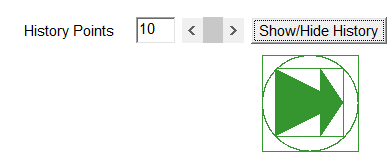
Number of previous positions can be shown up to Robot.POSITIONS\_HISTORY\_ARRAY\_MAX\_CAPACITY but I chose only 3 of them to be colored with different colors(red, yellow, green) and the other ones to be the same color as the object being easily to be observer on Canvas. If more than 3 previous positions will be shown, the colored ones(red, yellow, green ) will be the least recent, marking the end of the history of the object.

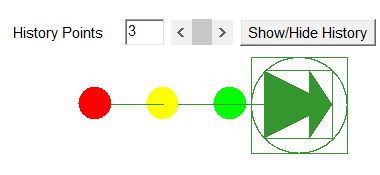
## **Features**

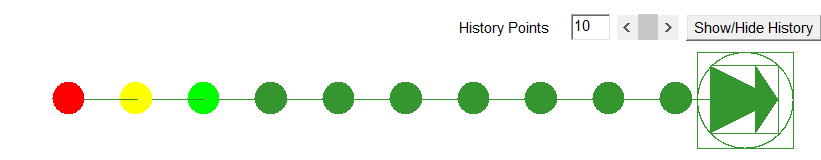
* On the client side, the update rate is shown on client-GUI and it can be adjusted by user.

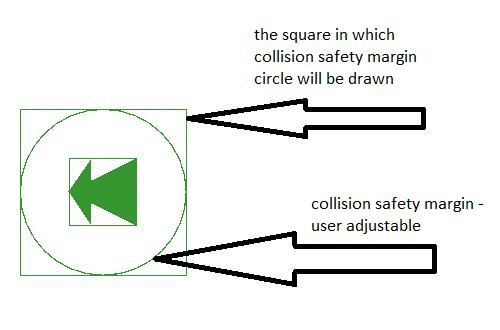


* On the server side, number of previous positions to be shown can be adjusted by user and the user can choose if to show previous positions or not.









I drew the additional rectangles( robot body and collision safety margin ) making things more visible, as collision points.

## **Code Segments**

For periodically updated I used TimerTask and Time objects.

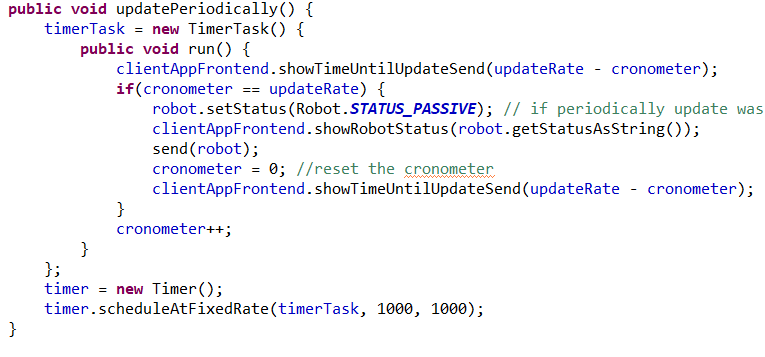
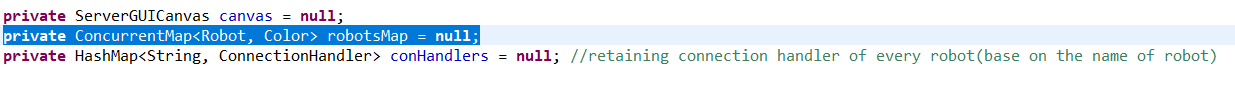
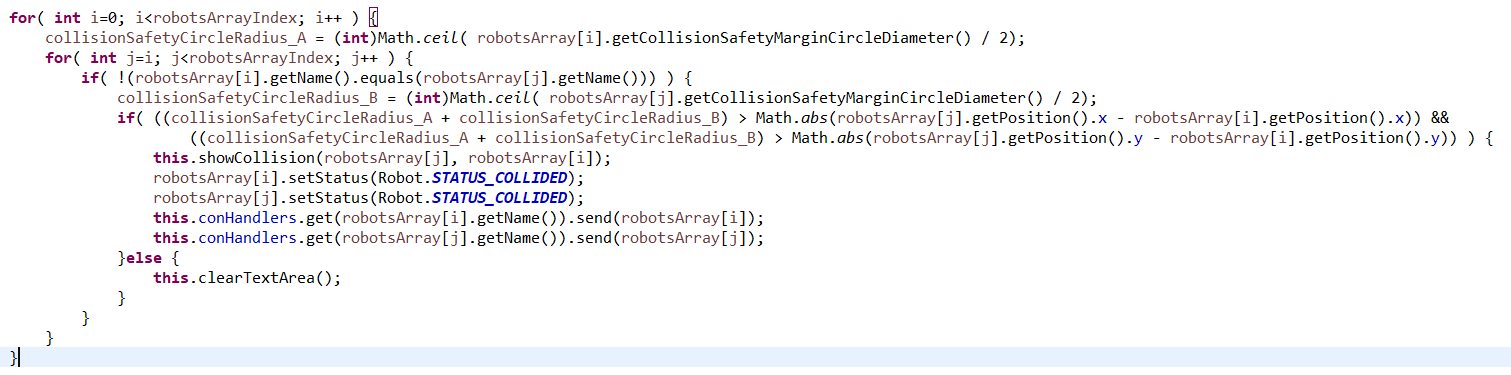


Fig. PeriodicallyUpdates

On server side, I used ConcurrentMap object as data structure to keep a track of all connected robots. Every time a robot connected to the server, a color was assigned to it and bind them in the form of <key, value> using ConcurrentMap<Robot, Color>. The ConnectionHandler for each of robots were stored in a HashMap<String, ConnectionHandler> collection for later use, as when the server want to indicate STATUS\_COLLIDED to the client.



I checked for robots collisions based on each robot position(center of the robot ) and the radius of the collision safety margin circle.



## **Testing**

For testing the application I used 5 robots connected simultaneously.

Graphical user interface, application, Teams

Description automatically generated

Firg. RunningApp\_1

Graphical user interface, application

Description automatically generated

Fig. RunnigApp\_2

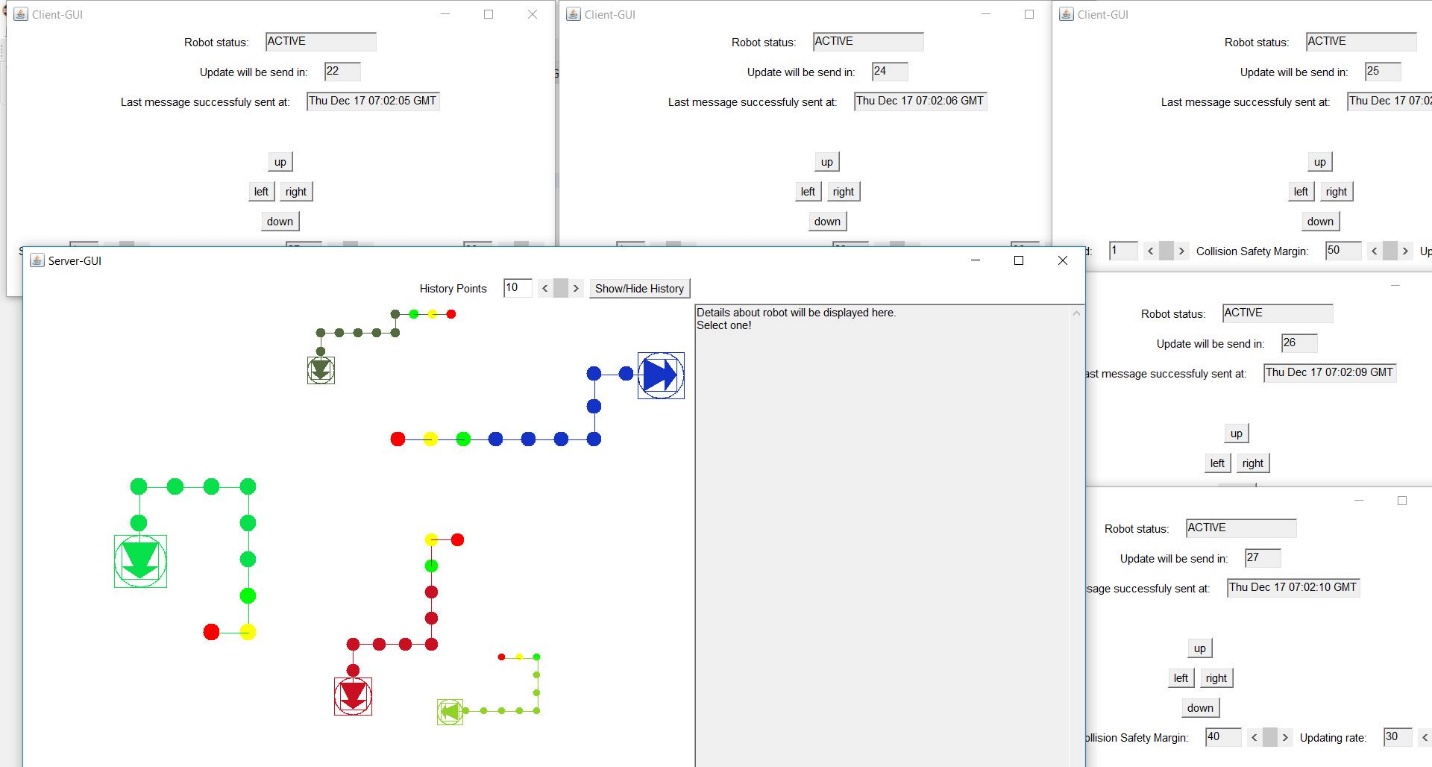


Fig. RunningApp\_3

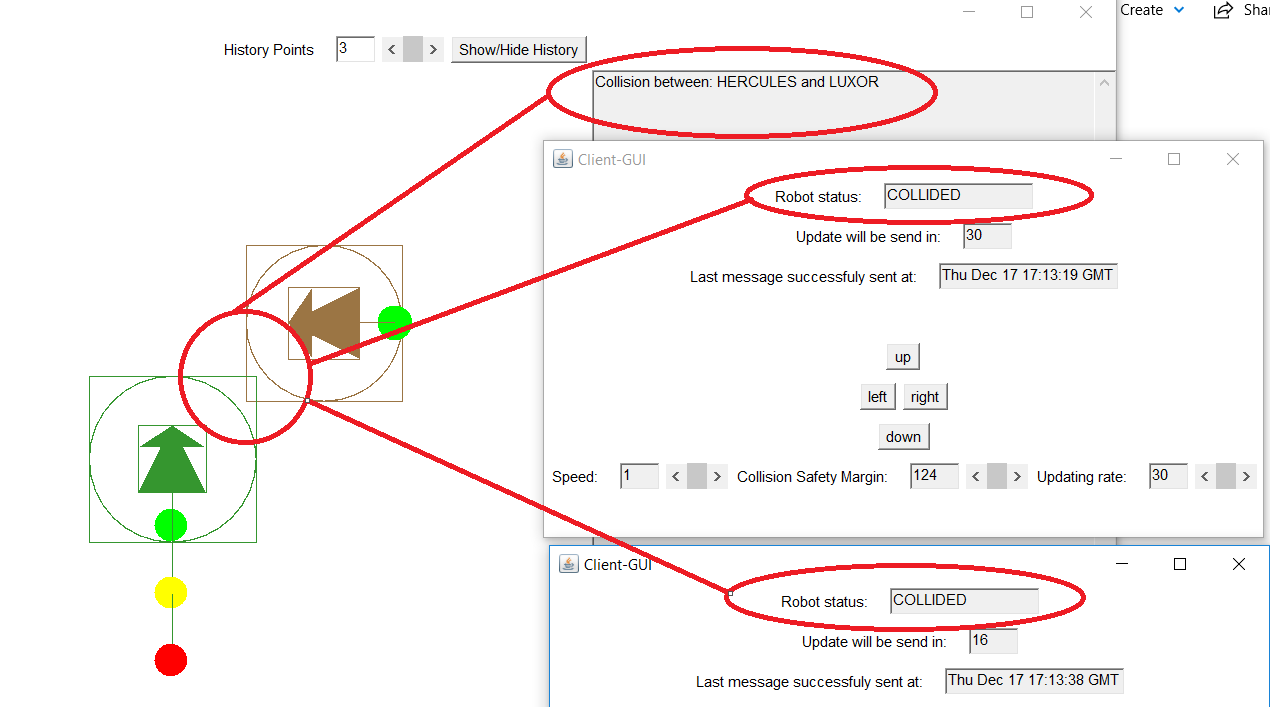
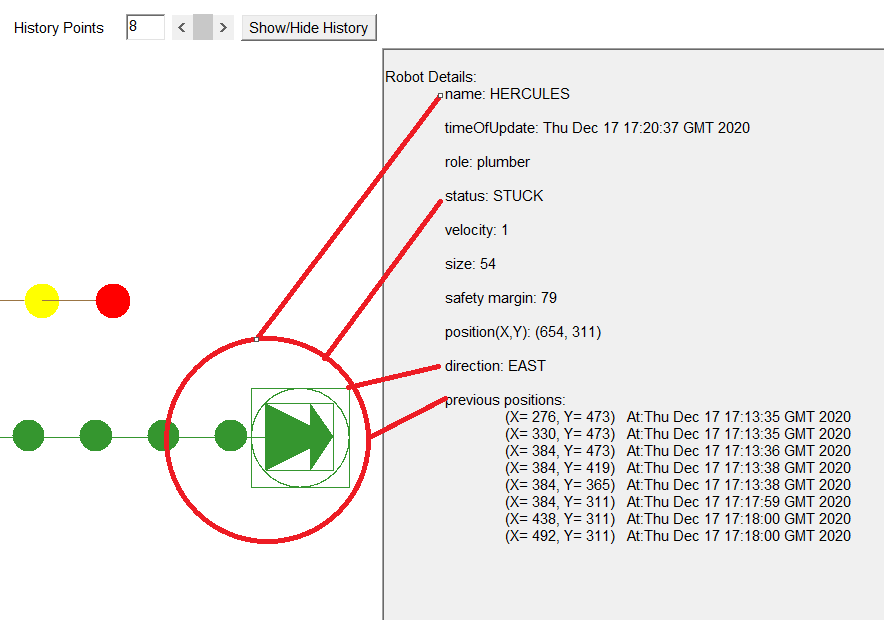


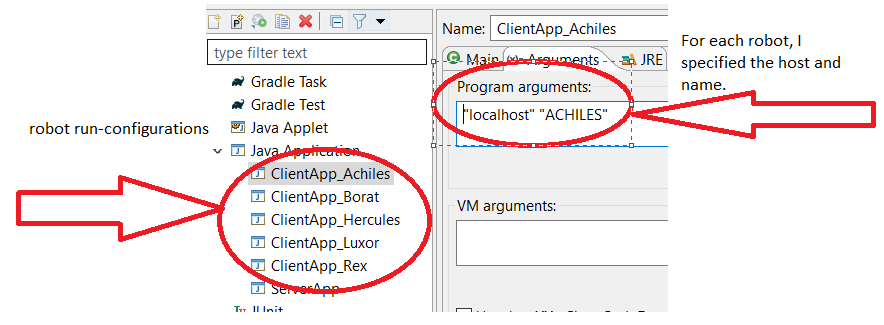
Fig.RunnigApp\_4\_Collision



## How To Run

Entry point for running server is represented by class server.ServerApp.java and entry point for client is client.ClientApp.java. Server should be started with no command line argument while for client, the host and name of the robot should be specified.

I ran the application from Eclipse IDE and created 5 run-configuration for the robots.



I attached .java and .class files as an archive to my submission.