Web Science(H)

Network Based Social Media Analytics

Scott Johnston

2323166J

Sourcecode –

Data -

**1.Introduction**

1. I have developed software for this task in the form of several python scripts. The first of my scripts is titled twitterstream.py which is a crawler I used to gather twitter data using the tweepy twitter API library, and store it in a mongoDB database, using the pyMongo module. This script used a list of keywords to filter a stream of tweets for a set amount of time. The tweets are returned as a json object which I then stripped for the important information before uploading to the database. I used the following youtube video in order to learn about how to use the streaming API, however built heavily on this using the tweepy documentation and twitters own documentation for assistance: <https://www.youtube.com/watch?v=wlnx-7cm4Gg&t=1075s>.

My second script clustering.py was used for the grouping of my tweets based on content analysis. This script uses Kmeans to group terms in tweets, usernames and hashtags, and also a cluster of tweets with usernames as dict items which extracts all usernames and hashtags from the tweets and outputs the most popular of these to see if theres any emerging patterns. I used the following stack overflow question and answer as reference to creating this: <https://stackoverflow.com/questions/27889873/clustering-text-documents-using-scikit-learn-kmeans-in-python?fbclid=IwAR2pMoqfEDVSXGlZXPDK_0CmY1EmANCKUjPwfXxAl2CDBlo83db3EY6Qw_A> I also had to use the regular expression module python docs in order to create my username/tweet dict cluster.

My third script mentions.py is used for the capturing and organising of user information in order to generate a user interaction graph, showing the connections between users and mentioned users. I used pandas to normalise this data and matplotlib and network to generate the graphs.

My forth script hashtags.py was used to generate hashtag information in the form of another interaction graph. This worked by developing nodes for each hashtag that appeared in any tweet, and if two hashtags were used in the same tweet, an edge would be formed. Again I used pandas to normalise this data and matplotlib and network to generate the graphs.

These scripts were based on this article: <https://medium.com/future-vision/visualizing-twitter-interactions-with-networkx-a391da239af5> and the referenced github on this website.

I then created a script called other\_interactions.py which is again similar to mentions.py and hashtags.py but this was to capture information on replies, retweets and quote tweet networks. I had to do another stream to obtain this information which was a half hour long stream collecting all rows of the data (rather than just the refined rows I selected in twitterstream.py).

I generated 2 json files with sample data, each with 100 different items from the database. The original data is stored in original\_text.json and my secondary stream to complete the tasks stated above, is stored in secondary\_text.json. I generated these two files using a simple script with a few lines of code called write\_json.py.

1. I collected the data used in sections 2 and part of 3 over the duration of an hour, however due to my method of data crawl, I had to go back and stream once again, adding in other fields such as retweets, quote tweets and replies. This meant some of my data from parts 4 and 5 of this report are using a different dataset, however the same words were tracked in the streaming.

**2. Data Crawl**

a. I used the Tweepy Twitter streaming API in order to collect my data. The code worked by firstly configuring a connection to the database. When the stream begins it initialises a variable ‘duplicates’ to 0, and sets a time limit of 3600 seconds (1 hour), and begins the timer from 0. When a tweet which fits the stream filter is received, the on\_data function will be called. This function checks if the time limit has been reached and if not, the tweets data will be received in json format. The function will then try and strip the json object of it’s valuable fields, of which I selected the following: tweet ID, username, followers, date, language, hashtags, mentions, time they were created, tweet text, and user location. If possible, this object will be added to the mongo database. If not possible, the tweet is a duplicate so the duplicate field will be incremented by one. If the timer has ended the function will return false and the script will stop running. To run this you require a file twitter\_credentials.py which has access\_token, access\_token\_secret, consumer\_key and consumer\_secret which have to be read into the script to run the app, however I chose not to include this in my repository as these are private keys and could be a breach of security.

b. To enhance the crawling I added a track to the stream which is a list of terms that the stream should listen for. I chose to use all 20 premier league teams as football has a very large twitter community, hence why I was able to collect just over 46,000 tweet objects in my one hour of streaming. I configured the stream as follows:

stream.filter(track=keywords)

with keywords being a list of all 20 premier league football teams.

I considered adding further filters such as language = eng however chose not too since Liverpool were playing Champions League the evening which I ran my stream so felt there may be a lot of contribution from all around Europe, and even worldwide.

**3. Grouping of Tweets**

a. To group my tweets I used the sklearn module to cluster my data using KMeans. I created 4 sets of clusters: One set was clusters based on terms used in tweets, another set was hashtags used in tweets, a third set was usernames who tweeted, and a forth set clustered tweets and extracted the usernames and hashtags. For each set, I created 6 clusters. I kept the rest of the parameters in the call to K means I kept the default values of random for initialisation, 10 for number of times the algorithm would run with different centroid seeds and 300 as the max number of iterations of the algorithm for a single run. Sine I used Kmeans, all clusters were the same size: term clusters were 50265 terms long, hashtags were 1138, usernames 32888 and tweets 45984.

b. To extract usernames and hashtags from my forth set of clusters mentioned, I used the regular expression module. I had to manually add the @ sign to the tweeter in order to be able to track this username, before extracting all usernames and hashtags by searching for the terms that appeared after the @ and # symbols respectively. I then displayed these for each cluster. As the screenshot shows, there wasn’t a particular stand our user or hashtag as the counter generally collected very few from the clusters (3 or less). This contasts with counter of the most\_common(5) I collected earlier on as this showed the hashtag ‘LIVATL’ was used 2133 times, and the user @BroadcastNnn tweeted 58 times.

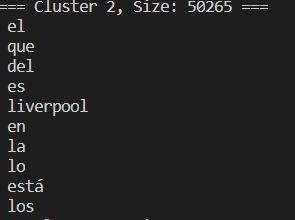
Below are the results of my four clusters:

The clustering of terms seemed to work very well as we see a cluster which clearly used terms promoting a livestream (“live”,”stream”,”https”,”hd”) which is common around the time of games being played:

![A close up of text on a black background

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHVzZXIAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAMxMAAAkpIAAgAAAAMxMAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowMzoxNCAyMDo1ODo1MgAyMDIwOjAzOjE0IDIwOjU4OjUyAAAAdQBzAGUAcgAAAP/hCxdodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIwLTAzLTE0VDIwOjU4OjUyLjA5OTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT51c2VyPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAOUBIAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APD6K6u4/sTzrby/+Ea2+Z8/l/2ntxtb7+7nbnH3ec47ZovP7E8geT/wjW7zEz5H9p7sbhn7/GMZz3xnHOKAOUorq73+xPsM/kf8Iz5vlts8j+0/Mzjjbv8Alz6buPXiuUoA1rTwzql7pyX6Qww2sjlI5rq6it1kI67TIy7se2at6L4at9Vj1KGe8uLTUNPtprh7drQFCIxypfeCGzx93itPx/G0tn4bu7QFtNbSoooWXlVkXO9c/wB4HqKi8CRSQah4gimRo5I9Fu1dHGCpAAII7Gh6c3lf8Bx1cb9bfichRXXWcbzfCO9SJGkYazDlVGSMxMB+vFdLqd6PDXiCybVLK8Ty/DcFtLc2ijzrB2BXepPAbPy9QeTg9i9r/wBdL/8AAF0X9dbHmum2Euqara2FuyLLdTJChckKCxAGcZ45pt7aPYahcWcxVpLeVonKnglTg49uK9Ajk1XSfGnhi7XxHdX1rqjQETtuhlli83lJRklsEkDJYY6cYplncXOr/F5dJ8TXd1dWUeozFLW7lZ4ww37BtY4wTgY7g470b2Xr+Fg6N+h53RXoNx4ltbqG40zVL7VdT1B7+F7f7dZpF9jcSDzAP3rFQRkbQABgUvjzxbqln4z1/TRIkthIrW32SRf3S7gD5gUYHmBuQ5yc1N9vO/4W/wAw6tdrfr/kee1q2/hnWLrRZ9XhsZPsEC7nnYhQRnBK5ILYPB25xWVXb+E7me58G+LvtE0kvladDHH5jltiB+FGegHpQ9Ith1SOIorR0jQNU15rkaRaNcm1iM0oVgCqjvgnk+wyazqYF7S9Gv8AWZpI9Og8zyUMkrs6xpGo6szsQqj6mkvNLuNNuYor7y0WUBllilWZGXOCQyEhsEEcHqCK0/DevPo1nfxXeljUtIvdkd5EWaPkZZMSL905BPfIBq1rmnJ4bh0fW/DV9qFompQu8SSvsuIdpCnLJjKtkkEAZFPazDuYWr2tjZ6nJBpWo/2laqBsufIaHfxz8rcjB4/CqVdt4/kvh8Upm02Sdb1hbiJ4XIkLmJAMEc5Oat6zqryalo/hLVNVuL63gu4zqtxNctIHlZgGQMTwqDI7c5NEVey7g2l9x59RXpfiPX7Kw1DxFpGqXWp3ETxyQWumyWKRwWjr/qWj/enaoGOQoyDmuZ87Xf8AhWnkfYYf7D/tDf8Aatg3+dtxt65xjvj2z2qd1cdtbHNVr2nhjU73S49RjW1jtJHaNJbi9hgDMOoG9wT1rIrpdF157i00/wAPXWh22rWy3ZeOMtKspLkBgpRwM4HGQapK+iJbtr0M208O6lfPdC2ihaOzOJ7hrmNIUOcAeaWCHJ6YPPapT4T1pNRubKaz8iW1UPO08yRxop4BMjMEwc8c89q7zVdK0HSvCWpWiT3F3YaVrTNLDCQXmYxKEV3HCqDuUtj+EgDJrN8R6Nf+J/EGiWaQwWk0OjxNeADZHYpvdvnycqFQrwTnp1pLXby/FXBuz/rvY4+68ParZ6nDp8tlI91OiyQpDiXzlYZDIUyGGO4J6GpW8L6oup2+nKlrLd3MhijhgvYZDuHZtrnb/wACxXf6Rren33iO4tNKjkvLfSPD81rYknZJdOuCzLjldw3AAc49K5+Ke20zw5pni7TtKg0/ULfUzFHErytDcIE3bsO5bg8cNjmjS/l/wbDldLTf9bXOa1HQrzS4y929kcPsKw38Ezg+6o5I6dcVnV191a6frHge+1+XTY9LvIbxY4ngkkMd2X5ZdsjMdy4LZBAwelchQr3sxu26CiuxH9gbP+ZVzj/qK5qGy/sT7DB5/wDwjPmeWu/z/wC0/Mzjnds+XPrt49KBHKUV1dp/Ynkt53/CNbvMfHnf2nuxuOMbONuMYzzjGec1gat5H9qTfY/svk8bfsfm+V0H3fN+fr69844xQBTooooAKKkguJrW4Se1lkhmjbckkbFWU+oI5BrrfH88l3/wjU95NJLJJo0DSSuS7MSzZJJPJoBdTjqK63xJFIPCHh111ee80xmnS2imskheDawDfddt2Se57UN4FI8ZjRhqKtZNbfbBqIi+XyPL379u7p260B0/r0MGw13VtLhaLTNUvbON23MlvcPGGPTJAI5p9p4j1vT7cQWGs6hawgkiOG6dFyepwDita08I2p/sqDVtWayvdWUPawpbeaqoxxGZG3DbuPTAbA5Nc9e2kun6hcWdyAJreVopADkBlOD+ooejsHQtReINZgvJruDV76K5uMedMly4eTHTcwOT+NMi1vVYLpLmDU7yO4jjEKSpcOGVB/CCDkL7dKo0UAT3d7dahdNc39zNdTtjdLNIXY4GBknmrF9rmranCkWpape3kaNuRLi4eQKemQCeDVCigDSuvEmuX0IhvdZ1C4iDBgkt07qCOhwT1FUrm6nvLl7i8nkuJ5Dl5ZXLMx9STyaiooAK1bfxRr9pbpBa65qUEMY2pHHdyKqj0ABwKyqKAOh0PxXLoQ1C7gilm1e9jeL7bLcZVFcgsdmMs+QTktj2rnqKKALVhql/pUrS6ZfXNnI67We3maMsPQkEcVKuu6uupNqC6pei9ZdrXIuH8wjpgtnOOB+VUKKANSbxNr1xJE8+t6jK8Lb4me7kJjbGMqSeDgkZHrTbzxHreo2zW2oaxqF1AxBaKe6d1OORwTis2igDRbxFrT2H2F9Yv2tNgj+zm6cx7R0XbnGPaqn2y6+w/YvtM32XzPN8jzDs34xu29M44zUNFABWha6/rNjZ/ZLLVr63tuf3MVy6Jz1+UHHNZ9FAFqw1S/0qVpdMvrmzkddrPbzNGWHoSCOKltte1ezuZ7i01W9gnuDumliuHVpT1yxByep61QooA0LjX9ZvLiC4u9Wvp5rY7oJJbl2aI8cqScjoOnpSS67q9xfxX0+qXst3CMRXD3DmRBzwGJyOp6etUKKALd/q2o6q6Pql/dXrRjCNcTNIVHoNxOKqUUUAFFFFABRRRQAUUUUAS2y273KLeSyRQE/O8UYkYD2UsoP5iul8S6roOsWulraXWorJYWcVmRLZRgOFJy+RKcHB+7jt1rlaKAOr1bVPD934R03SbW71IzaaZ2R5LGNVmMjA4OJiVAx15+lTHxnbf8IMun+RMdYFubD7UQNn2Xfv25znP8PTp3rntX0a40V7Rbp4nN3aR3aeWScI4yAcgc1n0Nbp/wBf1sHb+vP/AIJ2/wDwm32zSdNgk1vXdGnsbcWzLp/7yKZV+6+PNTa2Mg9c4HTpXG3MrT3csryyTtI7MZZfvuSc7m5PJ6nk1FRQ9XcOlgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC9oknk67ZS/YP7R8uZXNptz5wByVxg9ceh+ldnr99d6potz4l0TxHqcltBfjFveqUltGYHHlSBiMckYXbxjI4FcBHI8UiyROyOhDKynBUjoQat6hrOqasEGqald3ojzsFzO0m3PXG4nHQUO7Vv66f5Atzr/AB7rmteToqDU7/7LeaLbtIv2h9kzEEOWGcMT3zWh4y8W6poPiHTI7KRDarpkLSWjr+6uN8e0+aoxv4wBk8Y4rgY9c1aHTTp8WqXqWRBU2y3DiMg9RtzjnNV7q8ub2RZL24luHVAitK5chR0GT2HpRLV/O/56fiK2t/K35f5HpT6pZeF9P8LvDqGo2lhJZpcTW9pZpJDeuT++EjGVdx/hwQdoxiqdgk+n2sGraTq2pabZapqcpsLHTbMSySBWwFlxIuegATLd8dTXF2OvaxpcBh0zVb6ziZtxjt7l41J6ZwCOeBSQ65q1tbzwW+qXsUNwWaaOO4dVlLDBLAHBz3zVX96/9b7BbS39bHu8Sx2HiGCwtIY4ra51i5SWJUADKbUOVx6FsEj2FeS+Pbue/k0K6u5DJNNpSs7nufPm/L6dqxD4g1kzLMdXvzKrmRX+0vuDFdpYHPUjjPpxVOa5nuRGLiaSURJ5cYdy2xck7RnoMknHualbW9PwVg1vf1/F3IqKKKBhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1Hw2/5KPo//AF2P/oJp9z4Y0xrK+1C31qW4hsLhI70xWYwu/IDREyDzBuGOdnrWb4R1e30DxZYapeJI8FtIWdYgCxG0jjJA7+tS2WuW1t4W17TXSUzajLA8TADaoR2J3c5HB4wDQ9v67r9LjXX5fqbPjLTvDlq+k+VcXVs76VbyBYNOjxLkH53PmjDHvwfqadrmm+GovB3hyZbq8iM0dwRNHpse+fEuP3n74Yx0HLcenSszW9X0fXdN06SWS+ttRsrBLQxLbpJFKUyFO/eCuR1+U496H1fR9T8J6XpupyX1rdaYZhG9vbpMkqO27nLoVIPHenLr63+Wol0LcXgnT1TRBfa+YJ9aijeCJLPeYyxI+c7xhc4AIyTk8DHNVfB62mkXmo63dzQQ2t+1gws7UXBEi/eLZdAq9AOcnPSt7VLnSNOTwfqOpvevNa6ZFLHawQrslKuxUNIXyo3DnCnisfR/FMNrq82rS6rq2mXlxdtcXEdhEkkU4LbgCGdcYyw5Djn8KNLv5/n/AJXFqkn5L8jlriOOK6ljhmWeNXISVVKhxng4PIz71HV/XdRh1bXby/trRLOK4lLrAhyEz26D+VUKmN7alPfQKKKKYgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKK2PCmtHw/wCKbHUTzHHJtmBGd0bfK4x/uk11XiDS18H+H9Q02JBLLrOohYFHO+1iIZOnPzMy/lT00/rt/n+Yjz2ivR9buW8U6TrFzpeo31lFYQRm50K9h/cwBSFIiIOFwVAA2q3X1IrzipvqPoTT3dxcrEtzPLMsKCOISOWEa/3RnoOegqGiimAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVPdX93fGM3t1NcmJBHH50hfYg6KM9B7UyCNJbiOOWVYEZgGlYEhBnkkDJOPauhXw3pVxoc+r2Or3UtpZzpFdrJYqksYf7rqvmkMCeMFlo6XAybzXdX1C1W2v9UvbqBCCsU9w7qpAwCATiqFdt420/w/aLphtZ7mCZ9It5Eji0+NVmJU/O7CXIY9+G+pps1/eX3wdb7ddz3Pk6wkcfnSF9iiE4UZ6D2oel/J/rYa1sv62ucXRXUWnhG1P9lQatqzWV7qyh7WFLbzVVGOIzI24bdx6YDYHJrU0/Q9FtfB3iWPU5bgXllPbxTyCwjdrdxIykRkyDcCRgn5eAODTatf8ArrYRwdFdh4GgifxpFDoet3ljduWS1uG06N8jYS29TIQvQjjd+FZGi6C2tXF7Lc3aWdlZRma7unQttG7AAUdWJPAyPrSDoY1FdDp/hu01i9caZqjmyt7drm8nubUxvbop5OxWYMSCMANyeuOtRajoFtD4ei1vSdQe7s2uPssqzwCGWKTaWAKhmBBUZyDQBh0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAavhjVLXRvE1jqGoWn2u3t5dzxYBzx1APBI6jPcV0mq+M7S78Latpjajrepz30sUkct/tCRBXLFQgdtvGOQefRcc8NRQ9Vb+v60DY6bW9X0fXdN06SWS+ttRsrBLQxLbpJFKUyFO/eCuR1+U496nTU/Di+CX0I3uqb3vBeeb/Z8eARHt2Y879f0rkq1/DOhf8ACRax9g+0fZv3Mku/Zv8AuIWxjI64xQ9m36/qGzX9eR0H/CbfbNJ02CTW9d0aextxbMun/vIplX7r481NrYyD1zgdOlZuka9Ypp2u6brMt7JFqpjkF5GiySiRHLBmVmGc5Ofm/PrXNVf0y00+6W6/tLU/sBigZ4B9naXz5B0Tj7ufU8U3rd/13BdEbXhTU9B8PeKIdUnutRmjtXJiRLKMGUFCPmzN8pyTwN3TrSaVrWj6ZJqenyG9u9J1S3CTSeQkU0Tq25WVd7BsHsWGc+3PL1r+I9C/sC9trf7R9o8+0iud2zbt3rnb1PT1qXtr6Anr+P3GhpGs6Not1c28Jv7vT9QtHtruR4kikXcchkQMwyuB1bnPaoNR1fTo/C0WhaP9pmjN39snubqNYmZwpRVVFZgAAeu7kntXP0U/6/UVkFFFFAwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDr/hg2zxqrFVfbaXB2sMg/um4I9K7XW5b7WvDAsTMGkvdF0+Vi+AHnkuY03se5wAM9h0ryG2u7mym86zuJbeXaV3xOVbBGCMjsRUsmq6hLD5Mt9cvF5Sw7GmYr5anKpjP3QeQOgNUmrpv+t/8ANfcS07NL+tv8j05YJWsfFul6jquoauljZOXW4svLtreZCNvlHeduOcAKoIHoKu2banB8Sr7SrA3EOg2GnPst4iVgCGHKsQOGLMxOeSTn0ryu48R63doUutY1CZTG0ZWS6dgUbGV5PQ4GR7CmjX9YEEMA1a+EVuMQxi5fbGNpX5RnjgkcdiRUS1jbyt+epX9fkdtrPiTVNA8KeDW0m5a3/wBGMsmz5fN2yHCuRyV5Py5xzVTwZrF7e3PiWMytDaTaXeXH2KFmWBHIB+VM4GM4HtXFTXlzcwwxXFxLLHAu2FHcsIx1woPQfSrln4i1vTrYW+n6xf2sCkkRQXTooJ68A4p73v1v+Io+7y+VvwOh0l7vTvhrLf6EZYdRuNVW1luLbImEflhlQMOVBb064Ao+KK3CeJ7Rb0sbhdNtxKXbLb9vOT3Oa52LxBrMN1Pcw6vfRz3GPOlS5cNLjpuOcn8apz3U90yG5nkmMaCNDI5bao4CjPQDsKUvet8vyt/wRrT+vO5FRRRTAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAL+h6Rca/rlrpdoVWa5fYrP0XuSfoATW8/hXQ/7Bu9Wg129lgs7tbaRRpqqxz0cAzcjg+/qB1qL4bQNP8QtL2oj+W7SEOxGAqk5GAckYyB3Ix05rR1ZpPEPhXU7631i5mt9NmSaaCTSYbRJZJWCbsxOQz/7wzjNN6L+u/8Aw4lvr/W//AGeNtP8P2i6YbWe5gmfSLeRI4tPjVZiVPzuwlyGPfhvqa4mum1vV9H13TdOklkvrbUbKwS0MS26SRSlMhTv3grkdflOPeuZpP4n6v8AMfRBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBr+FNMl1nxVp9hb3j2Us0vyXKAloiASGGCOePUVDqetatqP+j6nqt7exxuSq3Fw8gB6ZAJODWv8ADb/ko+j/APXY/wDoJrpdBvZPFOl6nF4hk8+2h1WwEMR4S3RpSjKg6Iu3jAqknKy/rdL9Q2Tfp+pxOi6F/bFlq1x9o8n+zrQ3O3Zu8zDAbeox1681kV6qtzrVzH48jvGuF02zt5LeG3JKwQ4cBFROgwg7Dp9a8qrPmu9Oyf4sLWv6/wCQUUUVQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEttdXFlcpcWc8lvPGcpLE5VlPsRyKVLy5jt5oEuJVhnIMsYchZCDkFh0OCeM1c8PaT/AG94hstL87yPtUoj83Zu2574yM/nWrdeHNDtRfKfEZeXT5ESdFtADLk7W8ndIDIVPUELxk545BXMi41/WLtdt1q19OvlmLEly7fIcZXk9DgcdOBWfXbeNtP8P2i6YbWe5gmfSLeRI4tPjVZiVPzuwlyGPfhvqa4mh7tdh9AooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA1vC2qwaJ4q0/U7tZHhtZhI6xAFiB6ZIH61S1G4S71S6uYwwSaZ5FDdQCxIzVaije39f1sHU6bW9X0fXdN06SWS+ttRsrBLQxLbpJFKUyFO/eCuR1+U4965mitC90a4sNH03UZniaHUVkaJVJ3Lsbad3GBz6E0eYGfRRWte6H9k8L6ZrH2jf9vlmj8nZjy/LIGc55zn0FAbuxk0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1Xw63TeK2sFOBqFncWp/wCBRMR+oFdVd+DrK38P340bYsskFvpdwWkJX7WLmLeTnOAeDjtjpXmFtdXFlcpcWc8lvPGcpLE5VlPsRyKlbU797ea3e9uGhnk82WIysVkf+8wzgn3PNUpNNNf1/V3+Amrq39f1ovxPUI0uY7PxZp93q+paodOs2f8AfWflW9rOhBUwtvOwjnACrkDjgVia/wCIteXwD4YuotY1EGdbpJ5VupAZGEvAY55OOme1clceI9bu0KXWsahMpjaMrJdOwKNjK8nocDI9hUdlrmrabbvb6dql7aQuSzRwXDorHGMkA4PFS9V/Xn/mUdbql7qWg+FfDY8MyzWlreW/mTTWvytcXO9gyORy2OAFPGO1TXOuaponw50H7BM1jcTXt0JXiQRyLh1JQYxtXPVRgHA9K4yx1zVtMheHTdTvLOJzudLe4eNWOMZIB5qu93cyWsVtJcStBCS0UTOSqE9SB0GcdqadpX8/1Eraf10aOg+IsEVt8Q9XjgjWNPODbVGBllDE/iSTXM1Lc3Vxe3L3F5PLcTvy8srlmbtyTyaiqYqySG9WFFFFMQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1+o2Ol+GvD2iyvpcOp3Wp2/wBqklupZVWME4CKsbr+ZJz7VY8C6jcMfENlBcXEennSbuVLRpiyKcDBI4BbHGcCiil0l8/1HHePy/Q56PQ/M8Hza79ox5V6tr5GzrlC27dn2xjFbNl4E+2eK9G0X+0dn9qWKXnneRnytyM+3bu5+7jOR16UUVrFJt/19lv8xP4U/J/nY6XQvhVEnxCm0641NLiLSxBcuHtAVuAxyUKljgcY79elZvxI+HaeFIxqkN+ssd7eMqWy23liEHLAA7jkDGOgoorJO6j6/rYf2mv62IPGHw1/4RNNLb+1vtf9oTeV/wAe2zy+nP3jnr7VPrXwr/sfwrqOs/2x532GZovJ+y7d+JAmd284656Giipbevz/APbf82OCvKKfW3483+R57XXeD4tF1vXNO0O50VMXQaOa8NzJ5wfaxDIAQgA44Kt05JzRRWsdXYzk7JtHLXcP2a8mgDbhFIyZx1wcVFRRWcG3FNmk1aTR03hjS7CbQdd1rUbf7Z/ZkcXlWzOyI7SMVBYqQ2B1wCM+tP8ADekW/jLxdZ2FjHHorNGzM0W6ZAy5YEK7ZHAAwWPOT7UUVql7/wAv0M5aQ+f+Rpa/4dvtX+Lp0LVdY+03U7Ij332VUz+6BH7tSBwOOtWPGvwq/wCEP8PHVP7Z+2YlWPyvsvl9c853n09KKKxbtTT8/wDI13qNPt+hS1v4d/2P4BsvEv8Aannfalib7N9n27d4z97cc4+lYX/CP/8AFEHxD9p/5f8A7H9n8v8A2N+7dn8MY/GiitHvPyf6omOqj5r/ADMautW30zTvh/p+qyaPa313c3k0LvcSzABVAIwEkUd6KKT+F/L80T9pfP8AJjLGz02LwjfeI7nTIbmRr9bSCzaWRYYQV3luGDtwNoBbvk5qTxBbaLoOpW9xDpH2iLUdOhu4LWe5fy7dnzkErh3Axx8w685ooof6r8iu3z/M1D4O0rUdb0Jokks7XUtMa9nt4ZCdjIpJCM+4gEjvuxz1rG0EaX4i8aaVYtolrZ2ktztkjgmmJkU9mZnPT1XbRRTjrUt/XxNfoZzb9m35f+2ozNbvLN557W00aysvKmYCWF52cgEjB3yMP0rJoorOGsUzWekmgoooqyQooooAKKKKAP/Z)

a cluster which was clearly picking up on Spanish words (as Liverpool were playing Athletico Madrid at the time of my stream):



And a cluster with terms relating to Arsenal vs Man City which was a game that was meant to be played that day (“Aubameyang”, “Martinelli”, “arsenal”, “city”):![A screenshot of a cell phone

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHVzZXIAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM4MwAAkpIAAgAAAAM4MwAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowMzoxNCAyMDo1OTozOAAyMDIwOjAzOjE0IDIwOjU5OjM4AAAAdQBzAGUAcgAAAP/hCxdodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIwLTAzLTE0VDIwOjU5OjM4LjgyNzwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT51c2VyPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAOUBNAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APD6K6XSPCn9p6ZFd/Z/ED78/NZaN58RwSOH81c9PTg8VNb+DfOnuY/sviU+TIExHoW5h8ob5x5w2nnpzxg98B2A5SiurXwbu1CW2+y+JfkjR8DQsyDJYcp53C/Lwc8nPAxzma/of9im3/darH527/kI6d9lzjH3fnbd156Y49aQGPSqNzADGSccnFdL8PNMtdW8cWVvfxLPCoeUwsMiUohYKR3GR0qjqvinWtY8+PUb+aaCVs/Z3bMceDxsTomOny44yOhNG1g3IdT0DUNItba5vY4fIuiwhlguY5lfbjdyjEcZFZtdbrv/ACTLwr/11vP/AEYtao8MaP8A8LYi0b7J/wAS9rUSGHzX5b7Nvzuzn73PWjv/AF0uO1/687HntSx2lxLbS3MUErwQlRLKqErHu4G49Bntmu00bQ9P1Dw7YNo+nWetai7S/b7aa9aG5jA5HlIHUEbRnOH5PTjFP0G+t4Phz4kWXRLNjbyWiyLI84Mx3sMviQYI/wBnaPUU2rX8v87C31ODortNI0WzvPDd54gOnae7veLaW9lcXxt7eLChmYs8qsxxwBv7k8441ovDvhdbnVrs20d5b2+kx332W2v/ADBbzb8NF5qE5HHfJw340npv/WlxX/r52PNaK1dWu9JvLOyfTdPNheKHF3HG7NC3PyFN7M2cZByccDHes+1uJrW6jntZ3tpkYFJo2Ksh9QRyPwoGRUV3mszT3/w2ZptVHiGa21APJeb3Y2aMmAmZQsmHPoNvy9c1wdHWwdLhRRXo1hqJ1nRdJ0/wlro0a/t4vKl0qbMUd7LjJfeMpIXO1QknuOnV20DqcRpmiahrK3R02384WcDXE/zquyMdTyRn6DmqFdd4Z0y0upNc0zWNJhN1Y2NzOJjJIskcsYwFwr7MA5/hqh4Ttk1LU009tKsbreTJLc3bzKLeJRlmOyRRtA55+lJavQOl/MwKK7qw0jRNavPEGrabYQLp2mqiWlnPeGGOVnJVXkkdwQOC20MDnAz65fijTtKs7fSbq0W1hnuFcXtjZXy3CxFWABDBnI3A5wScYNC6eYHM0VqeIp9Gudbll8N2k1np5C+XDO25gcDPc989z/SqVlMtvf287glY5VcgdcA5ojq9RSuldEFFejareS+OX1m50fxJqi28Y+0y6XegpGIM/MV2yMp2nBwQvWum8r7B4+TRL652aPcD7DaaHCAyPFt+aaRei/Nlg332PtzRrZd3/X9fPsNtL0PE6K7/AOH2o6tNepLfXhi8NaXC326NsLbsjKw2sgGJHYnuCx/KpoX07RPBOl3ltqVzos+rzzs9xZW3mziNZNoTfvQqgwCQCST2ptWDpc86or0J9UPhIa54f1LWtTh1Ca8iuBqVgu9pF2bvmzIjZYMCeT+Nc14v02907XB9v1JtU+1QJcQ3jsxaaJh8hO7kHA6ZOKX9fgC1X9dzCorS0PSv7Yvmt/L1CTbGXxp9l9pk6gcruXA5659PWtm48G+RNbJ9l8SjzpNmJNC2MflZvkHnHc3HTjjJzxguwHKUV1d54N+ywCT7L4lXMiJmfQvLX5mC9fOPPPA7nA4zmi98G/ZLGe4+y+Jl8qNnzPoPlxjAz8zecdo9Tg4pdLgcpRRRQAUUUUAFFFFABRRV3T9Iu9TWVrUQrHFgPJcXEcCAnOBudgMnB4zng+lAFKita58L6zZtfi6sWiOnKj3O51+RWOFI5+YEnqua2fCXhOTUZHk1GwaaG6026msQr8ySR8AgKc5DcYPX3o3V0Pqczp+oXWlahDfafM0FzA2+OReqn+v0PBrQ1HxDHqMkkp0PS7eWZw80kKSjfzkjBkIXJHJQKeoyATTb3wtrFg1uJ7QP9qlMERt5kmDSA4KZRiA3PQ81KPBuuN5BgtoblZ5xbo9tdwzKJD0VmRiFP1Io3ESX/isX+iQaW+h6bFb2vmfZzG1xuhLnLEEynJyP4sirtt8RdStryO+TT9Na/WAW8l28LmSVAu0A/NgHGOVAJwOcZFVJ/AXiW2tJLmfTdkMUTSuxnj4VQSwxu5YBWyvUY6VXj8I63LYi6SzBVoPtKxedGJmi/viLdvK++3GOelD2DrYXTPEzaUbea30rTmvbUEQ3jI/mIecNtDhGIzwWU9BnOKZpniW609dRjlgtr6DUgPtUF0rbXYNuDZQqQQc9D3qG48PapbahY2U1ri41BI3tVWRWEqucKQQccn3qa38Kavc3MtukMCSxXDWpWa7hi3SqcFELMA5BI+7nqPUU7P8Ar8RaIfbeJntre7s/7NsZdNunWQ2EnmmONxgB0bf5gOMj73IJBog8TSWUepRafp9naQ6jbfZ5Y081gq5zlSzk5+pI9qIPB+u3EdzItgY0tJjBcPNKkSwuBn5yxAUY7njkDOSKb/wiWt/2pLp7WW2eGHz5C0qLGseM7zITs2++cVO6/rt/kP8Ar8f8zGqW2mSC5SWW3juUU5MMpYK/sdpB/Iir2seHtS0EWx1OKKMXUfmwmO5jl3p/e+Rjwex7846GsymBsXfiKWfSn0yysrTTbOWQSTx2ocmZh93czszEDnABxk5xmtfxLr9lP4K0Tw9bTxX81gzySXkcTIqhicRruAY9eTgdB1rkKKHqrB1uFblh4mGnSQT2+i6Z9tt1AivCkm9WAwr7A/llhwcleSMnJ5rDop3YHQ6Z4wm02S8nOmWN3dXySx3NzcGbfKshywIWQKM+oANN0/xV/ZtvqMFvouneRqAVZYy0/wAqDnYrCUMFJGSMnPfjArAopAbdr4mexnufsem2MVndw+Vc2H714ZgMkE7nLhgeQVYYI+tUby/huJ4pbXTbSw8vnbAZGVznv5jt/hVKii9mmBqeItfuvE2ty6pfxwxzyhQywIVX5QAOpJ7dzWbGwSRWZFkCkEo2cN7HBB/I02ihaA9Tbl8TSLpdzYaZp1lpcV3gXDWvmF5VHIUtI7ELnsMZ75q0fHGoFvtP2SyGp/Z/s39phH+0bcYz97Zu2/Lu27sd65qigFo7o6QeMnbw9a6LcaLps1nakuqkzoZHPV32SqGb3I47YqG28VSQ2SWVxpWn3tpDcNcW0FyshFsSclVIcEqeOGLA4rBop36h5G03iNrrULi+1jTbLVbueQO0t0ZVxgAAARuq446Yqnq+r3muak97qEgeVgFAVQqooGAqqOAAO1UaKQeYUUUUAFFFFABRRRQAUUUUAFFFFABXWeGtP0e48OXk8qafdautwiR22o3pto1hI5cEOm454xu49PXk6KAPV9Y1HTdQg1HTbTUtN8650GzjhK3O2EvHJuZA8h4OOgcg+tLp13p+m6fpGnR63YSXMWkajAZI7pVRJnbKrvJAHOQGJAOMg4xXk9FD1vfr/wAH/MadrW6f8D/I9A0qLRrbRNL8OeJNSg23WrfbJ/stwkqQRiNkAaRCVBZsdCcDk4roPDN5pWkQ3MU0mg6Zv1G0kSK01IzFo1lPzMzSMvA9MEdWA4rx+iqUrO/9aW/yJcU01/XX/M9XuNb059FgU6lavJ9l1oMpnUndIW2A89Wzx69qh1TXlbxMviTw5aeH7jdCrRzXWoGKaPEexkaJp1GRggYXBGMZry6ip+yo9h9Wz0zw5qMMvgqHXrtx9s8KiWKAMM+b5oxCD/uuT+ArJ0mz0eTw3aXy/wBl3WqSXMhvm1S/eE26jlSqI6s+RzkbjngCufvvEE13o8OlwWttY2UcnmtFbB/3smMb3LsxJx05wM9Kyaadpc39f02JbJP+v+GPTfHesWN1pPiGOy1G3mNxrMEirDOreYggALAA8qGHX1rQhms9Q0W9RWjvoR4esIJo0ukgRXD85nYFY3U87W6+nFeRVraR4huNJsb2xNtb3llehfOtrkNtJU5VgUZWBHse/NJJKNvT8FYq+q/rrc0/GbX7W+kCayjtdMhtzBY+VeR3QcKfnJkQ4LbjzgDHHFctWpq+vT6ta2dp9mtrOzsVYQW9srBVLEFmJYsxJwOpPSsugQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFek+B/DGgatommNqlg09zf309sZRM67FWHeCADjII47cnOeK82rotF8bajoVvYw2kNq62NxJcRmVGJLOmwg4YcY+nNPoxa3X9dDavdBtZr+zudE8OwyW8mlC6lhnvWSCEmaRd8kjOp+6oGAy5PPTIrUh8IaC81leXliqQ3GkXVxPbWd75qJJCQN0cgZs564JYA8H0rk4PG9/FZmzmtLK5s2s0s5LeVH2yKsjSKxKsGDAu3IIHtUjePtRMUUUVlp8EUNpPZxxxQsqrHMfm/i6jHBPPc5PNEv7v9b/8Acel/L9P+CLqtnpl34Ht9csdOj06f+0XtHjhlkdHXYHBO9mOR04OD6Vy1aB1m4bw2uiFIvsy3Zuw+Dv3lNuM5xjA9Kz6TtfT+tF+odAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACr+l6LqGstMNPg8xYE3zSu6xxxL6s7EKv4mqFdZoclvqHgTU9ES8t7O/a6ju0FzKsS3CKpUpvYhQQTkAkUdGw6lDS9Aul8RwWl3Z213tKObdtQihW5UngJLuw2enyknr6VYsfDv9r+O301rePTYBfCKW2a+j3wqX2lEZz+8YdOASfSmaHpElt4ssvMvdN22s8M07m/iVEG4EgMzBXIA52Fqv6lJFpnxTTV57m1lsn1b7Ssttcxz/uxLuyQjEjjscGqjbmjfb/hhfZfy/UpXfgrUf+Egm07S/st03nyJBGmoW7yMq5PKh8g4HcD+lY1vpV7dadeX8EBa2sdn2iQsBs3ttXgnJyfTNdBqrXPh3xtJr1ld2NzGNQaeB7W9ilLqWLcqrFlBHByBWt8QjaaNYx6XpUmYtWuG1aUYxtRxiJPw+c49xWavyp/1/Vr/AHFP4mv6/rb7zz6iiiqEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXYeGPD6X3hPUdVg0d9bvoLiOFLT97tRGGTJiMhmPGMA8dSKdg62OPor0nXfD/h3T5dZ1O3sImg0uK3gGnpcSFDcSA7xI+4sdh7KV5GOOc5jaBa6lBoGpaLohle/S4E+nrcMsIaHA372O5UO4E5b2DDOaX9f1/XUV0ctpEqxanFus7O8LHasd7IUiz2JYOuPxOPWr3iuHWRrP2vxAI/tF7Gs8ZhlR0MfRdpQkbcLgc9BWt4j0Kzh8GWWsQ2lpZXZvGtZorG9FzC427gwPmPtPYjd74qPxz/x6+GP+wHB/NqT/AK+auUlv6frY5KiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACu30Ca0l+Hs1iP7Pvbv+0lmay1K7FskaeWR5iNvjLE9CNxxgcdzxFXdP0i71NZWtRCscWA8lxcRwICc4G52AycHjOeD6U+jQdbnS6vq1j4fvvsmiQafc2t5YRLqdmskk1sZwSflfdu+X5SCrnBzzVKHx1qVtdxNb21nHZw2r2i6eI28jyn++Dlt5JIBJ3Zz3xxVeHwV4hn1O50+LTJGurVVeWPevCkgBgc4Yc9RkY56VE/hPWlvLK1SzE8l/n7M1vNHMku04bDoxXjvzx1OKW/8AXr/wQWn9f15Fi48Wvc6Xb6Y2kaalhBc/aFt40kUM2zbhmD7mHfJbPvgAUzWvFB1yzt4J9I0+BrWFbeCWAzbo41OQvzSEHqeSCfeqd1oOoWklujRRzm6cxwm0njuA78fKDGzDdyOOvI9as3XhHWrNVMtrG6tcC1JhuYpQkpOAj7GOw+zYoeuobGLRW7e+DNe0+3uZbuxCfZBunjE8bSRru27jGGLBc/xYwRznHNRQ+FNYuLNriC2jkCw/aGhW5iMwj4O/yt2/GCDnb0IPSjzDrYx6K6nSbTTtQ8C67cS6bAl5pscBiukkl3sXkwdwLlenHCiuWo6h0uFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFdZ4a0/R7jw5eTypp91q63CJHbajem2jWEjlwQ6bjnjG7j09eTooA9Z1TWNMMOrrDqVgd/hmC3TyLglWkDHKLvO4nHY/NjrXBeGtW1O01ezNlfwxm1EhgivpcQHcPnT5vlXeOCTgdORwazrXS7y9sby8tod8FkqvcPuA2BjtHBOTz6ZqsiNJIqIMsxAA9TRq5X7/5t/qKyS/rsj0ixvvDeha/oGrXMVlY3wll+2wafcm5gRGVgsnys205P3VY4AzgcVUjvZtHd7SO08O29jdXtv9ouLLU/OZxHKGVgrTsQO5JUcHnFcbq+j32hanJp+qweRdRgF496tjIyOVJHQ1SoTtqhyV1ZnoH9qWb+LvHU8l9AY7qyukt5DMCJSXXaEOfm4HAHYVs6HH4d0TxPaz6bNoqacLQhdQn1Fjcyu0LZBjD7UOeMMgHvkgV5NRR9lLyt+f8AmU3eTf8AXT/I7bw3YlPBHiCCS802KbUYrf7NHJqVujPtk3NkF8rgf3sVxckZileNipZGKkqwYZHoRwR7im0UdSelgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAruNC8G2vibw/pD2zCyla6uIL28bc44VWj+UkDvt4x171w9bdh4r1HTfDN3odr5S291KJWlwfMQjbwpzgA7RninpZi1udtpulWfh7wrqq6lZvLv0mCa6gWQoZJPtcgAJ7DCoDjHAOOTmuZ1m302y0zQNbttJtguoQTedZNJMYtyOV3A794zwcbu1M1bx9qus/wBofaoLNft9vHby+XGw2qjlwV+bqWJznPWs/wD4SJ5NP02yvdPs7y305JUiSXzV3b23EsUdTkHpjH40N31/rr/wBrSNv66f5HUS+GtI/wCFzW+hrZ7dNkMe6ASv3hDH5id3X3qhJZaHqnhrXLmx0w2DaTLB5cwmeR5o3fYfMDHbu/i+UKO1XNB8XRax8SNL1PVrTTtPdZgZrtHkQFRGVAbfIVA6dgfeuev/ABLJJZy6fp9jZ6fayTiaZbYO32hl+7vMjMSByQvA5PFJaW/rsPdP5fqbviTQbKPTbq58OaXaX2kwxxFNTtb13njJA5mjLHbnDZGxcEjnjB4at1/FUq2N5bafpmn6d9uXZcy2yybpFzkrh3ZVBPOFA6DtxWFS1uHQKKKKYgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArb0vwfrutWIvNMsDPAzMisJUG5lGSoBIJODnHU84zg1iV6j4B1jT7LSvD8d3qNtbmLVLmSVZZ1XYptyFYgngZOATT6Nivqv66HEXHhLWbTUBZXVtHDMYfPJe5iCKm4pln3bV+YFcEg5460o8Ha8+pRWEdgZbiaA3EIilR1ljAzuRwSrfgTXVqmg6pZWrXc9jd31roiLbWtzeCGJ5PtEu4O4ZcMFKkKWGc1tWOraXZ3Ph9Gv9KtzbadfxyLa3ZaOF2PyrudicntyQf4SRiifup/10f+Qk21936Hnkng3WYNpuIrWOMytCZGv4AiSKMlGbfhXx/CSDweODVvxh4Q/wCEe1y8gs54Hs4XVU82+gM3IHVAwYcn+6OOfeudW7nW2+zefJ9m8wSmHedhcDG7b0zgkZrq/Hlquq+J7rWdNvdPuLO8MTRlb2IOuVUYaMsGXB65HHeh7L+u3/BKM/X9L/s7QdJZtIhtpJPMDX8GopcrdkEdkYqm3OOOtJL4F8RQ7xLp4V1iMwiNxF5joFDFkTducYPVQecjqDWtrtgT8PtDtUvdNkuLBrp7iKPUrd2UMwK4Ac7iQOi5NbB1iwb4zW962o25s0sggnM6+Wp+ykY3ZwPmOMetLv8A10bGlt6fqcTp/hTWdTtYriztVZJywgEk8cbzlfveWjMGfH+yDzx1rT8JWNhqMWsWWpaXC81rp1xcpcF5VlR0AwMBwuAexWtyXVIL2z8PX+j2uh3Nxp9pFAwv79raWCWM5yFM0aspJyCAe+fSqvhYyXGreIdU1G60u2bUbK8jVW1CFAZnP3QrPkDOcE8Y70S0ul5/8AUd1fy/4Jk+AbXT9U8VWularpsF5DdMQXeSVXjwjH5djgdQOoNZ2g6cb7XooltYLxElG61mvUtvOGcbA7MOT04ya3fANidN8dWl3f3mnQW9nIwmkfUYMDMZxt+f5hyOVyKoaNpE9v4vs2mudORLe5inkkOpW+wJvzw2/BPB4GT7c018SE/hf9dzJ1qEW2u3sIs/sIjndfsvm+Z5OCRs3/xY6Z71Rrf8aW+3xXqN0k9rPBd3UssL211HNlSxIJ2MdvXocVgVEdkXL4mFFFFUSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFW10u8fR31RYc2UcwgaXcOHIyBjOeg64xVSu40W4s7X4T6hLf2QvVGqoI4WkZELmI4LFSGwBk4BGTjnGaOjf9bgtWl6/kzh6K9Mi8NeHFF5qU2mSSWx0KHU47Rbh18qQuVZQ2SSp298nB+lZWgaboHii7ieLTvsT2FnPdX1slwY4LjYR5YWSRyUzuwxJAAHGOtPrb+uv+Qk01/Xl/mcRT4onmmSKIbnkYKozjJPArs7zQbG607TZLWws11WS+FvJpml6ktx9oiI3bwd8hQ8FSScd8VeHh21OiT382m2OnX+nX9uoXT9QFwrq77Srr5shUgjrxn04oSu9f62/wAxSdotr+t/8jhNQ0+50rUJ7G/i8q5gcpIm4NtPpkEg1Wr074j6RYaLcalqV3af2he6tdSC3lDsIbNV4OSpG6T/AGTwMcjscuXQLC48PwzeHNMtNYRdP828mS8YXlvLzuJi3Y2hiMYRsgdec1EXeHM/60uW171kcLRRRVCCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACtjTvET2GizaVPp9nf2c063BjufMG1wpXIMbqeh6HNY9dP4W8JDXrLUriaeGNbeykmgAvYUbzFIA3qxyqcnkgDpzT6MOpDJ411SV9SMiW5XULUWZjCELBCp+VIwD8oHvn8+azdG1m70LUBd2XlklDHJFKm5JYz95GHdSKuWnhDWtQvJrbTreG8lhjWSQWt3FKFUnAO5WI69RnjqeKa3hLWxd2lvHZee16Ga3e2mSaNwpwx3oxUAHrk8d8Uut/66/8EP6/L/gD7TxOdN1W01HR9KsNPubWTeGhMzhwRgqwkkYYIJ6YPvU58Z3CadcWNlpWmWVvcSxzSCCJ9xdH3A7mcnGeMZwB0Ayc0rnwvrFr9lJs/tC3bFLd7SRLhZGHVQ0ZYbvbrUtz4Q1u0VWktY5FM4ti0FzFMElJwEcox2HJ/ixRf+vu/wCAJ2tZk9z411G8GsJdw2s0GrP5ssDK2yKTtJH82VYfU56EGo7XxZNYKz2Gmada3rweQb2KNxJtIwSF3+WCRwSE7nvzSXvgvX9Ot7ma8sBGLUbp4/PjaSNd23cUDFtuf4sYI5zjmmxeEdWuLeWa3+wTJDCZ5PK1K2ZkQdWKiTI/KlpaxWtzEorX07wtq2qwxSWMETmYMYYmuYkllC5yUjZgzDgjgHkEdq3fCng64udM1TVNR0G+vBbW4NnbGGVVuJGbb1XDMF6kKR0piOLorbbQNU1PVruO20Yae1soeeBy0MdsMdWaZvlz1+Zuc8Vm31hcabc+RdqofaGUpIsisp6FWUlWHuCaAK1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV1Hga4tkudYs7m6htWv9KmtoZJ3CJ5h2kAseFztPJrl60tH8P6hr8xh0pIJZs4ET3UUbtwT8quwLcA9M0+jA6Lw4E0TSvFNrf3lnHNcaXtiEd5FIJCW+6pRiCfbOar+DdXVYtS0m9vhAl5p81taPcSYihkcqSOeEDbcE/TNcoQVYg9QcGhVLMFUEknAAHWlu/VW/P8AzFa333/L/I9M8KatYeE9NsdP1a/tTcXGoPOTbzLcLaqYHiDsyErncwOAc4GTVHw7FH4esbyzvdQsprjUr20it4rO6SfcI51dpCUJCjHA3YJyeK5PVPD2o6Ko/tKOGGQlQYPtUTTISNw3Rhi68eoHb1quou9F1aNp7d4Lq1lWQwzoVIIIYAg4PpVJ+8m/6t/X9aEuKcWkd/qxXRPE/jLUdTvbUi9hubO3gjukllkaRsLlFYlAoGTuxjgdazbjTWsPBsOmaRe6XLNfAXGpTf2nbKRjlIADID8vU8cnHPFclqmoy6vq11qNyqLNdStK6xghQWOTjJPFVKzS91I1k05to9J8O22gafP4bvrN9HYDy5b68vtQdJoJd/KrErjgdiVYHqTjJrNS/sxaePAbuDN1Iptx5g/ff6Rn5f73HPHauIoqnr+P4iWjT9PwOs0OS31DwJqeiJeW9nftdR3aC5lWJbhFUqU3sQoIJyASK5y+smsLnyHnt5nCgsbeUSKpPbcvyk/Qke9VqKOtxdLBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFdV8M/+Sj6T/vv/wCi2rla2fDviNvDd6l7babZXN3GxaKa4MpKZGCAFdVPBPUGgT2NLwroNvqVrrWp3ccNwNORBFbXFyLeOSSRioLuWXCjBOAwJOBmtJrHQLHWPDt19njF1dShZ7PTdUSVLeRZFCvu/eEqwOdpbPB5rnrbxPJZ3NybTTbGK0vIvKubHErwzDkgnc5cMCcgqwwRx3qpJqsY1C1vLLTLSxa2cSBIWlZXIIIzvdj27EU07NDn73NbqdD4vv8ASofHWqMukyXNwL2RZftl2zRN8xGVWMIy+2XIxxz1qT4nX1u3jXVbYaXaJMJE/wBLDS+afkU9C+z2+7/jXKapqM2ratdajcKiTXUrSuIwQoLHJxkk4rQ1rxK+vgy3+m2P25kRXvoxIsj7QBkjfsyQOTtqV8KXb/gf5FSacm0YlFFFMkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK7zxd8Nf8AhE/DNrrJ1UXgmljTyDbeXjcpb728+mKKKHpG/mhx1nZ9mZfiGz0//hD9B1Wy06GxnvXuFmWCSRlOxgF4d2I7965eiigOi/rqFbem6Nb3nhDW9VleUT6e9usSqRtbzGIO4Yz24wRRRT+y36fmhGJRRRSAKKKKAOiv/Cn2HwHpniT7b5n2+Zovs/lY8vaWGd2efu+g61ztFFOWk5Lsw6IK7rwv8Nf+Ek8H3Wu/2r9m+zmQeR9m37ti5+9uGM59KKKT+CT7IF8cV3ZymmXen2q3X9paZ9vMsDJAftDReRIej8fex6HiqFFFABRRRQAVLawfabyGDdt82RU3YzjJxmiiqirySZE21BtHo/in4Pf8Iz4Zu9X/ALc+0/Zgp8r7Js3ZYL13nHX0rKt/hz5/w1bxb/am3bGz/Zfs+fuuUxv3e2elFFQ/gk+1v1N0l7vm/wDIfonw1/tjwDceJf7V8nyY5n+zfZt27y88btw649KyvAvhD/hNNbm0/wC3fYvLtzN5nk+ZnDKMY3D+9+lFFaRSc2vL9GZfYT82dB4d+E/9v6lrNp/bX2f+y7s22/7Lu83GfmxvGOnTmuV8XeHf+EV8TXGkfavtfkBD5vl7N25Q3TJ9fWiis39n0/Q0ST5/K/52MSiiimQFFFFABRRRQAUUUUAFFFFAH//Z)

The clustering of hashtags wasn’t quite as effective however one cluster did seem to pick up on a lot of terms relating to champions league and the two fixtures that were being played that night (“liverpool”, “championsleague”, “psgbvb”):

![A close up of text on a black background

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHVzZXIAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM2MAAAkpIAAgAAAAM2MAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowMzoxNCAyMDo1ODoyNAAyMDIwOjAzOjE0IDIwOjU4OjI0AAAAdQBzAGUAcgAAAP/hCxdodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIwLTAzLTE0VDIwOjU4OjI0LjU5NjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT51c2VyPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAOQBHwMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APD6K6u80TTIbGeSKy2ukbMrf8JPZS4IH9xU3N9ByegqYaBpOzP2HnH/AENlh/LZQBzN9ql5qMdrHezeYtnCIIBtA2ICSBwOep5PNVK6uy0TTJrGCSWy3O8alm/4Seyiycf3GTcv0PIrmruNYr2eONdqJIyqPNWXAB/vrw3+8OD1FHUB1lp95qVx5GnWk93Ngt5cERdsDvgDNXrPw9cz60NKv5U0m7ZlVI7+KVCzMQFXCoxGcjkgD3rdgLWvwanm08lXudVEN66cExiPKKf9nJz9awfDsskninRVkdnWO7hVAxztHmA4HoMkn8TTS963p+KE/huVNSsJdK1W6sLhkaW1laJ2QkqSpwcZxxxVWvQLe0t7v4j+L1u7eKdY7e/kQSoGCsM4YZ6EetUdPttMt/h/puoatYebF/b22d0QCSSERglA3Bx14yOfSlDVK/l+LsXJWbt3a+5XONq3f6ZeaW1ut9D5RuIEuIvmDbo25VuCcZ9DzXX+IY3NlNreiSaDf6ZDeYje306OKS3yDhJImQBlOcZbfyuQRzS+PdZuv+JPB5djsuNFtmdvsEG4blOdrbMqPQKQB2xRuvO6/FXJ6/13OErct/GOt2sdqsdxA7WaBLeWazhlliUEkBZGQsAM8c8dq7a/tPDeheIzoupXOjR6RFbLFKjWUr3jM0e7zfNER+bcQcB9uOMVm6nf2vh7w14UnttG0yaS5tzLdPNaJI06q5+TLAgZycsBu6c8UXt9/wDn/kK+tvL/AC/zOCmmkuJnmnkaWWRi7u7EszE5JJPUmprHTb7VJzDpllcXkqruMdvE0jAdM4APHIpl7LDPf3E1rb/ZoJJWaODfu8pSchcnrgcZrt9JtbN/hOz3V8bO0bVCb4xjMswWMGOJR3JJJGeByT0xR0b/AK7D62RyK3ep6PDf6YfMtRchY7uCWIBjtO4A7hlcH0xVCuz8eebq2qaDJa2cv2i80mErCGM0r/PIFycZdioXnHPpXITwS21w8FzE8M0bFXjkUqykdQQehoaadmCd1dDFUswVQSScAAdau3+i6rpSI+qaZeWSyHCNcW7Rhj7bgM1P4a1r/hHfElnqv2Zbr7M5bymbG7II64ODzkH1ra1PSrO+0TUdd8M6rdzWcM8b3tnqCYlRmOEckEpJli/oQD70+lw6nP3mlfZNLsr37dZT/aw3+jwzbpYcHH7xcfLntVCuu8SmO58C+HNQa1tIrq4kuhNJbWscO8K6hchFA4FWY799P8EyX+r2emST6gpg06H+y7dWCjh5yQgPH3V55OTzik+rH2OIor0lLXRtAt/D0dxPoqWt1aR3d8t9ZSTTTiQ/NtcRNsCgYUKy8jJrm9MuLOz1fXl07Qxrtm0E6W7OjE28e75ZvukjAxycEZ6im9G16/gJa/h+JzVSQW811cJBaxSTTSNtSONSzMfQAck1HW14V1O8sNdtobKcwrdzxRTFAAzJvBK7uoB7gHnvmiKu7Ck7JsyprW4trpra4gliuEba0UiFXU+hB5zU8mkalDqK6fNp91HevjbbNAwkbPTC4zXQ+MNTvNJ+JeuXGnTGCczyIJVA3KCMHaTypx3GD71P8UcHxom8kD7Fb5IGT9wVEZXjF9ypK0mu3+ZzGoaPqek+X/amnXdl5mdn2mBo92OuNwGeop9xoOsWliL260q+htCARcSWzrGQeh3EY5zXY6aiz+CUtvCzPqLWuswTzJfxiE72+SNVQMylWOQSXB46Y5rX1BbX7f40k0e7e41eSzk+3Ws7t5USZzMY32jzCpwqhgmBnG6raa/ryT/X9QWv9eZ5PRRXV2WiaZNYwSS2W53jUs3/AAk9lFk4/uMm5foeRSEcpRXV2miaZLCzSWW4iR1B/wCEmsouAxAGGTJ4H3ujdRwRRb6Jpjz3KvZZWOQKo/4SayTA2g/eKYfkn5l47dQaAOUorS120t7K+WO0i8pDGGK/2hDec5P8cQCj/d69+4rNoAKKKKACiiuvnZL34Um7mtbNbmHVUt0mitI4n8vySdpZVBbnnJyTR0uC1djkKK6fTbGQ+BtYuLY6NdKgia482GQ3Vtl8LsYqFGT1wTxWZd6Bd2miadqhaOW31FnWIRElkZDgqwI4PpjNHUOlyPS9d1HRhOunzhI7lNk0MkayxyjtuRwVOO2RxU8XifU4NQF5GbQTKFEebCArFtORsUptTkk/KByc1duPBN9ZXV/HqF5ZWkGntHHNdyM5j8x1DCNdqlmbBOQF4wc9syw/D/VZ7+7thc2CLbWyXf2h58RSQscCRWx06nnHQ9+KPP8Ar+rB0KDeLtZbWE1RZ4Y71d+ZYbSGPzN33t4VQHz/ALWaWfxjrtxFbxPfbYrWYTwRxQxxrE4GPlVVAAx/CODknHJq9a+ANRv5Lb+zb2wu4bq3mnhnSR0RvKIDr86qVbkdQBz1qFvBOoyravpNxaasl1cNbK9nI2FkUbirb1XHy5OemBnNFun9f1cWm5n33iLUtQsRZTSQxWu/zDBa20dujN6ssaqGPpnOKdJ4l1ObSotOuJIJ7eGMxRefaxSPGh7LIyl1Hpg8dquS+DrtrSS40q9stXSGdbeYWTuTG7HanDquQTwGXI96WfwZeRQ33k39hdXWnR+beWcErGSFR945KhG29G2s2DS0t/X9bDKp8U6q9rHb3D210sUflRvdWUM0ipzhQ7oWwMnHPHaqd5q17qFnZ2t5N5kNjGY7ddijYpOSMgZPPrmujnZL34Um7mtbNbmHVUt0mitI4n8vySdpZVBbnnJyTXIU3q3/AF/W4W0T/r+tArQ03XdQ0mGeGzlTyLjHmwzQpNG+DkEo4K5HrjNZ9FAG/pWv7/GEWua/e3jSxSrNvto1Z3ZSMJyVCrgY4yAOMVS8Ra1L4i8Q3mqzxLE91Ju8tTkKMYAz34A5rNooAnsr2fT7tLm0cJKmQCVDAgjBBByCCCQQRgg1fufE2qXVqts8sEdssglMFvaRQxuwxguiKA/T+IGsmigDbu/FurX2mrYXJsWtUDCONdOt18vd94oQgKk+owaWfxhq91HEl19gnEMQhjMumWzFEHRQTHkAVh0UAa1t4m1S2sIrLzLe4t4STEl3Zw3HlZxkKZFYqDgcDiotO17UtJku3025Nsb2JoZwiKAyN1AGMD8MY7VnUUbgFXdM1a60iczWQt/MyCGmtYptpByCu9TtPuMVSooA2brxVqd9qIvrz7DNc/Nud9Otzv3YyWGzDHjqckc46mnah4u1bVbiKfUGs7iWIgq76fb5OAQAfk+ZQD905HTjgViUUAal14k1W7hiha4WCGGXzkitIEt0EnZ9saqCwxwTyKs3fjPXb2G6jnu4wbxdlzJFaxRSTL6M6qGYeoJ5rCooAKKKKACiiigAooooAKKKKACuzQ6QPh7Jox8RWH2t9QW7H7m52hRHt258r72fw964yijdWBaO52GgPpVt4Q1qyutesobjVI4BGjRXB8so+4hyIiOnpmp/B2uaNYWNzp/iCcPBZ3iahZNHG5E0qZBUcZAYbeoHTmuZ1TRbjSIbCW5eJlv7ZbqLyySVUkjByBzx2zWdQHS39ar/ACO303xZHeeH9Qsb+7tLS+n1A6glxfWQuYZCw2shBRyp7ghT0IyKkg8TxC112HV9YtbySbSVs7NrS1aKPh8iMKI0xjJ5IA964Sik1dW8rfhYHq7v1/G51/w5RZNY1VHkWJW0i6BkcHao2dTgE4HsCa0vD/inSfCdlY6ct3/aKyXclxd3FrG6rCrRNEAm8KzMAdx4A6AZri9L1G8024kNhOsDXETW8jMoIKPwwOQcfXrRq+m/2Rqcln9ts77ywD59lL5kTZGeGwM4zj603+lg3VvO/wCSOs0LW9K8FW9y1rqMesT3NzAVW3hkRUiilDksZFX5mxgAZA5yaYdQ0TSr3xBqdrq4v21O2ngtrZIJFkTzs5MhZQo29PlLZPtXE0Ua/wBeYrK9zs0OkD4eyaMfEVh9rfUFux+5udoUR7dufK+9n8PeuMorZt/Dkl34dvNXttQs5FslRri3HmCVNzbV6ptPPoxo8x9kY1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFdp4rmh8M30Oi6fplg9qlpG0k09qskl0XjBL+YRuUZPGwjGK4utlfFmsrYQ2huY5I4IzFC8tvG8sKHskjKXUc8YIx2oewdTuXv4luvAmmyadY3CXlpbpPJc26ys0bSMuwbgdnUnK4JOOeKyYtKk0FpLh20O0099SmigOqWpuJLlI32lRiOQqoxjI2nJ6njHKNr+ptc6dcG5/e6YqJaN5a/ugrblHTnBPfNW4vGWuwwtGt6pBme4Uvbxu0Uj8s0bFSYyTz8pGDyKq6vfzf5r/gh0S8l+R6zD4c0Gy1qLTk0aylhudVuIGaWIOyx/ZhJtUkZHzYweo7dawJRpqaHeaw+h6Y8q6Nb3CRfZlWNZDdSqGwOvAUH+8Fwc81xbePPEjXsd22pZnjna4V/Ij4kZNhONuPu8Y6fjV7Q/FzW3h3WIb+5ie5NnDbWMc1qsqlVmLlSCpU43Mct/QVK+G3kvy/zEr8yv3/X/ACDXLhYfD/hvXYLOxhvrqO4jnC2UXlSBHCqxiK7M4JGcdvatm80DS774zPp01pHHZCBZja26iNZCLcPtAXGMn0964qXxHqVxqCXly9vPJHEIY0ltInijQdFWIrsUfQDv61NfeLtZ1G+ivbm4iF3C6yJcw2sUUoIGBl0UEgDsTigfT+v68jpdBkt/E2l6hPqWl6eklleWjwPbWiQgCSdUaNgoAdducbsng81cvVsL/WvGWlLpGn29pp1pPLbeTbKsiSRyD5vMA3YOT8ucAYAAArjbnxZrN2ED3McapOLjZb20UKvKCCHYIoDnjq2agHiDUxe6jdi5/f6lG8d2/lr+8VzlhjGBkjtijdfJ/fbQFp+H63Oujt7PXNFgt/Cn9kmSHTj9r068tAty0gB3yJMVyx53ABxgADGMiszw1/yIPjD/AK5Wv/o6sseLNYW3aJLmNC8QhedLaJZ2TAG0zBd5GAB97kcUtl4t1XT9PextTZLbyKqyI2nW7eaFORvJQlsHnnND1bf9dRxdrf12OjsLOx0jwTo+oJcaPDdahNK80mqWb3G5Y22iNQInCjnJPDHI54pJrC0W81fV/Ds2kW2h/aI4obvUbVphvKbmjjjaNz1J5KZwBg4znmLXxLqdnby20UkD20svnG3ntIpYlfn5lR1KoeSPlA4+lSWvivVrNbhLeW3WG5kWWSBrOFot46MsZQqp91Apt3d/66f1/TF0PQLnQNMS91PUbC001Zjo1tdQNOqrZLNKSGIEuFGQPlDDGewqBf7J1G9S1+y6TNdWvh65kuzZW0PlC425DBkXDMBjkEgHOMc1j6P4xa+sdXXXtTjXU7i3ggtrq+t/OgMaPkq6KjBm5yGZWPXkd6ur+I4LAaRNoF1atq1skwvLyysVghlDkbU2FFDYGQcoByOtKS6L+t/8/wAATs7/ANdP8vxNbwZ4b07WvDmkJqNsgFxrcivLt2vJGtvv2bxztLLjj371m6vd6NdeG9RW6utFk1BZkksF0uxkgKAth0YmJAVC8jcScjrWLdeLtcu7eCCS/aOK2mE0CQRpCIXAwCmwDbx2GBkk9TmodR8Q3+qpIt6tkzSPveSOwgjkZs5JLqgbk9eeacnf+vT/AC/q4LT+vUy6KKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFdbN8OtSgvBYtf6ab+SEzwWizOZJkCbvl+XAPUYYqTg445rkq9T1y707QPiR/b95qMTy2tnE0enxxyGWRzAqqCxUIF5yTuJwOmaHsC1dv63RxEPheVtMs7281Gw09b4t9ljuncNKFOCcqhVRnjLlehPTml03wpcahYW95Pf2Onw3Vx9mtmu3f98/fGxWwBkZY4HPWtvwzrdnZ2Npb6zrFleaPHvebSryxeWVGIIIhbYQpPBB3rySSPXUjubOy8EaE8kemQRm8ubm1XWRcSEAONpj8jOF7EPwSM809L+X9fj/WgtWtP60KjeDltfBur2l5Np0V1p+qok1/IGConlElQSm8gsQMBTk8jI5rCvfA+p2VlfXRmtZorOCG5zE7HzoZThZEyoyuQc5wRjpW5qx2aVrOg+I9ZtINXk1OK+ad0laKVWizlSkZI+8OCBTI/FelJ4qs7cyu2ix6V/Y9xcPGcyx4bMgXqBuIIHXA/Cp1+en5f56FaWVttfz/AMhvgvwpJMRPew2s66lpd41pFLglGTChzuGF5PBz2J4rndV8NTabpcepRXtnqFk87W5ntGcqkgGdp3Kp5HIIyCB1rp4PE+knxbdRi78nSo9Hk0uyneNyuNmAzAAsAzZPTPNYmo32n2XguLQbK9XUJpL77bPPCjrFHhCioN6qxOCSTgDoOab1d1/Wr/QSva3n+i/U5qiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKt6nql5rF815qM3nTsqoX2heFAUcAAdAKgggkubiOCBC8srhEUdWYnAFaegW7J4ogikvTYtE77p4rpYiCoJwspO1ScbQ2cc96YehkVr2fijVbKwhso5YJbeB2eFLq0in8onGdpkViuSM4GOeauapolsnjxtMfUmFvcSoReyssxAkUMCzKcN94ZYHnrWXq+j3OiXa219sErJvKqSdoyQM8d8Z+hHfICvYOpBf391ql/Ne6hO9xczNukkc5LH/AAxwB2HFV61m0J5NO0m4sphcy6jK8Hkqu0xSqwAXJ65DKc+9R6roV3pWpyWTFLpkiEwltcujRld24HAOAOpx2NFrAZtFb1vM7fDy+gU4WPUoHYYHOY5QP/QawaHo7f1sHS5o6zpkGl3aRW2p22oK8avvt8/JkA7W7bueQCcfWs6un1XTzqk/hy1sESNpdLTOeFGHk3McD/ZJPBPXrWZZ3FjdJb6fcWNla+ZIqSalmZpIwW5bb5mw4Hbb09+adm3Zd/1Enon5GXRWpc2M/h7xIIbpDutbnhinEgR8bhnqCVNaviaePS/G2uRX+nWWpyPdu++Z5hsyScDY6eozkHkccUuiff8A4H+Y9bs5aiugm8JXTTaKLCaO5j1lFMDj5dr5w6FclvlPGcc9qz9b06PStVksonunMWA/2q1Nu+f9wknGMEE4PPQUbaAZ9FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBJBPLa3Ec9u7RyxMHR1OCrA5BFa8ni3U5pXlmi0uSR2LM76RaksT1JPl8msSpbSAXN5DAziMSyKhcjIXJxmmrvQTaSuzpLNdJu9S/tnxRr8N0xAnks7eCXzZXGMRZMaoo7ZBIAGBUa+Mr6+vl/teeE2+5yHfS7e8kiBJbavmjJGT03cD8qxtWsl0zWbyxSYzrazvCJCm3ftYjOMnHTpVOle+vQp6aHSWGpzajqVpeXniCy0k2EoNuPsbKEG7JZYoYimfXOM8A8VY1LxRaS+Ip5DCb+wNiLAsqravIoA+dQoKx/MMgbSNvBHWuTooeugtnc6OO40q80qfT7CWPRYpJUlmk1GeW4efaCFVfKhwFGSTkZJI54xWZf6da2kCyW+s2N8xbaY7dJwwGDz+8jUY/HPPSs+igC3Z6pfWF/bXtpdSR3FqR5MgbJTHYZ7cnjpya0F8W6mkgkSPTFkB3B10m1DA+oIjyD71iUUAdDNr2laibafWtKu7q8hiWOSSPUNiT7ehZTGzZI64YZ5PBNF9421fUb2S6u002WRz1k0y3kIHYbnQsQBwMkniueooA6+31P/hKbGODW7WGZ7EkQyRanbadtRv4AjrtIG3jaBjPPUVha7rEutaiJ5V8uOKNYYYzIZCka/dG4nLH3/IAYAzaKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK6NvCGqyLp1xomn3l5DcW8cpuYk3RiQk5G8cJtPB3HIIJPFc5RTTtqgPTL3TMeOItY0PRbnV7KYyO1zYEOqztI+W3EOilMjGQBwG75rh/EhjPiS98nUJtRj83C3U7h3cY7sCQxHTIODjI4qC2vreCykgl0q0uZHztuJXmDx5GOAsgXjryp989KpVNtQ8wooopgFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFbCWmnweHb37dJ5OrrNH5Fu8cm/ZjLHsqg5BySSccAdTj1tN4s1WQL9o+w3Lqip5tzptvNIQBgZd4yx4AHJNAdTY1nS7zxZ48kS3liRp7W3mMtw5CKGhjAycE8swUcdSK4+RGikaORSrqSrA9iK7HQNXS11SXXNU8TQLLOoee1jsmmllKsrCPDx+Un3RhgflwMVjy2FnqMz3s/iHS7eS5YyvC0d0TGWOSpxCRxnHBI96HurArWKOj6Vca3q9vp1lsE1w21TI21VGMkk+gAJ/CptU0OfTIILkTwXlncZEV1bMxjZh1U7gGVh6ED16Vp+EnsNK8c232m+t5YFDCO8QusaOUO1jvCkgMQCGAB56iqo8YawixLDJaQLFMJ1WDT7eIbwpXJCoM8MRg5HNDAr6pYWUdjaX+lSzPbzlonS4ADxyoFLDjgqdwI+uD0yXQaBJeaTZ3enzLPPcXRtHtsbTG+Mqck4IIzycYwaVr6bXpI4NR1Cx0+GEMyf6L5UW44z8sEZ+Y4HJHQdelav9r6b4ai0+DQp11SZJvtN7O0bxxu20oIlBw2AGf5iASWz7UA/IzYPDrnwxNrd01wkAkMUXkWxlUsMZLvkKi5IAOSSTwOKh0uwstRs7qFpZo9RRGmgGAYnVFLMp7hiASD04x3yNe/uYfD+n3MOk2nkPqMZhkf+24b0CPqV2wgAE8cvnvjnkZX/CTap9hW082DYkJgWT7JF5qx4I2iXbvxgkdehxR/X9f1/wAEW+v9f1/Xlk0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFdbN8OtSgvBYtf6ab+SEzwWizOZJkCbvl+XAPUYYqTg445rkq9T1y707QPiR/b95qMTy2tnE0enxxyGWRzAqqCxUIF5yTuJwOmaHsC1dv63RxEPheVtMs7281Gw09b4t9ljuncNKFOCcqhVRnjLlehPTml03wpcahYW95Pf2Onw3Vx9mtmu3f98/fGxWwBkZY4HPWtvwzrdnZ2Npb6zrFleaPHvebSryxeWVGIIIhbYQpPBB3rySSPXUjubOy8EaE8kemQRm8ubm1XWRcSEAONpj8jOF7EPwSM809L+X9fj/WgtWtP60OC1vSZtC1q50y5kjlmtn2O8W7aTjnG4A/jj6ZHNUK1/FVrqFn4ovo9anjuL1nEss0Ryr71DgjgcYYcYGKyKlXtqU7X0CiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArc8Xw6pB4ikj165iubzyYi0kQwpUxrtHQdFwOlYdev301tqfxTt/D93pdnLaXNoi3ErQK0zE24IcSEbk2gDAUgcE8k0dAW79P1R5BXTrfa7o/hLS7n7RZzafNNN9liuLWO4aBlK78eYh2gnBwp9639P0XT9f/AOEY1hbWCCzgjePVlijUKDbjeWYADl1xmk1TXktvAOkXdrpdiWur+8eNJ7dJUgQyKxRUYbRngZxkAYGM09nb+t9AWr/rs/yOCv7+61S/mvdQne4uZm3SSOclj/hjgDsOKr10Xj3T7XTPHGoWthALeAGN1hHSMvGrFR6AFiMdq52pWwBRRRTAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArcn8Y65cwyJLdRhpYRBJMlrEkzxgAbTKFDkYAB55HWsaKMzTJGuAXYKM+9ds3wo1lLjyX1DSlYXH2Y5mfiUgFV+5nLKQRjoOuKdnYL2dzl7TX9TsNHu9LtLto7K8IM8QVTvx7kZH4EZ71PYeKtW02ygtLaaAw28hlgE9pDMYnOCSpdSV5APBp9v4XmfSrfUL/AFCx0yG7Yi2F277psHBYBFYhQRjLYFXvC+nSyWurm2bRbqeOymMlvexySPGijmSJlUpu9Dupd/62Ba2S/q5zU8811cST3MrzTSMWeR2JZiepJPU1HV3T9PjvVlefUbOwjjwN1yXO4nPAVFZj0POMDueRndj+HmrPqV5ZtcWMf2S3S6aeSfbFJCx4dWx07846HvxRsDfc5WiujTwTf3F1psen3Vnew6kJDDcxO6xqI/8AWbt6qw2jnpyDxnpWVqGnRWSRPb6lZ36SEjdbFwVIxwVdVYdRg4weeeDQBRooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAJbV1jvIXc4VZFJPoM16u3jfw8dWMw1D93/wka3ufJk/1IhC7vu+vGOvtXkdbNz4ckh8NLrcOoWd1bGdbd0i8wPHIV3YIZFHA7gkU72s+3+a/yQrXuu/+T/zNW+udI8R6Ho3n6tHpl5p9uLOaK4hlZXRSSroY1bnB5Bxz+dL4Om0nTTqc97rdtbi7sLi0ijkhmMgL4Cs2xGUDjsxIrH0vw7PqemXWpSXVtY2FqypJcXJfaXbooCKzE9+BwKy5kWKeSNJUmVWKiRAQrgHqMgHB9wD7Un18/wBRp7eX6HXaJNoVhot/am/0xdVNyhjvruxe5heDHIRWjJVs9SyDPrW3qXi3Q549UWC/8zz/AA/DZREWhi3zK2SuxRtT8PlHQGvM6t6Zpl5rGoJZabD51xIGKpuC5CqWPJIHQGhq6a/rawf1+NyfQLp7LWobmHU20uaLLRXQQuEbHAYDJ2noeG4PQ1seK9T0u/0mwWNrK61hXdrq9sLUwRyKTwGBVNz55J2jqOtc5Z28dzcrFPdw2aEHM04cqP8AvhWP6Va1/RLjw7rMum3kkMssQUl4SSpDKGGMgHofSh6oFuZ1FFW7/TLzS2t1vofKNxAlxF8wbdG3KtwTjPoeaAKlFXzpWNBGqfbrLmfyfsnnf6QOM79mPu9s5qhQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV1sf/JHZ/8AsOL/AOiTXJVuDxjq66d9gH2D7IW3mH+zLbaWxjdjy/vY4z1oe1hrR3/rY6K11O0X4T3Mh0OwdV1WJDEXuNrnyj85xLnd9CB7VSJg0bwLaavZadZyXep3cyPLPAJ0tUQjEarJuGTknJycd65ldUvE0d9LWbFlJMJ2i2jlwMA5xnoemcVY07xDqWl2UtnazRtazOHe3uII54yw6NtkVgD7gZoerfy/QXRLtf8AX/M2NHt7qewv9dC6Jpto06xGe9tfNQOQSUjj2SYzwT8vGOCBkV2mnmDTfihpUOl29hHBqOm/a5PJtUK+Y0D5MZdN6KcD5RjryOcV5zb+LdZthchLqORLqUTSxz28cqFx0YK6kKQOBgDgAdhTZ/FWt3OtWurT6hI1/aIqQ3GAGAXOM8fN1Oc5znnNPpb+trfnqCKl/qc+pMhuI7VCgIH2a0igzn18tVz+Nd/q2kWuufHKPT9QybaVYjIoJG8LbhtuRzzjHHPNcTL4jvpr1bqSLT2lUMP+QZb7Wz1JXy8MeOpBI/Gn6j4r1jVLuO7u7iIXUTh0uYLaKGUEDA+dFDcDtmlHRoO50N9qmkjRL6WW40GbU4pkl09LDTGQKC2HjcPCquoU5G7JyOtO8e61dY0iHyrHZcaLbMx+wQbgSpztbZlR6BSAO2K5jUfEN/qqSLerZM0j73kjsII5GbOSS6oG5PXnmlk8S6nNpUWnXEkE9vDGYovPtYpHjQ9lkZS6j0weO1H2bef6WH1ubU7Je/Ck3c1rZrcw6qluk0VpHE/l+STtLKoLc85OSa5CtweMdXXTvsA+wfZC28w/2ZbbS2MbseX97HGetYdHVsXRIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDqfh54Zs/Fvin+zdRlnih8h5N0DANkY9QR39K0dQ0i28JfFWPRbBUurRp7eJxfwRTllfaWHzJgdTyADRRVL4kL7MjnPFcMVt4w1eG3jSKKO9lVI0UKqgOcAAdBWRRRWcPhRpP4mFdD4u0yz0ubSFsYfKFxpVvcS/MW3SMCWbknGfQcUUVb+H5r8mQt/68jnqKKKQBXR+A/D1p4o8XW+l6hJNHBKjsWgYBvlUkckEdvSiimhPYwryFbe/uIUJKxysgJ64BxUNFFTHYp7klvGJrqKNsgO4U49zXoHxM+H+leDLCwn0u4vJWuZGRxcOrAAAHjaooopy+FCXxHFXmq/a9LsrL7DZQfZA3+kQw7ZZsnP7xs/NjtVCiim/iYfZQUUUUgCtTw1psOs+J9O066aRIbq4WJ2jIDAE9sgjP4UUU47oUtibxBo1vpXjS70i3eVreC58lWkILkZHUgAZ/Cuh1XwRptj8VbPwzDPdGynaMNIzr5g3DJwduP0oopR2iOX2iT4neBNM8FjTf7Lnu5ftXmb/tLq2Nu3GNqj+8av8Aib4baPovw3i8QWtzfPdvFA5SSRDHl9ueAoPf1oopfZ+Y+q9DzGiiimIKKKKACiiigAooooA//9k=)

The clustering of usernames didn’t seem very effective and the usernames tracked were almost completely random.

The following was the output of when I tracked the usernames and hashtags and their occurrences in each cluster:![A close up of a person

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHVzZXIAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM5MwAAkpIAAgAAAAM5MwAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAyMDowMzoxNCAyMDo1NzoyMAAyMDIwOjAzOjE0IDIwOjU3OjIwAAAAdQBzAGUAcgAAAP/hCxdodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIwLTAzLTE0VDIwOjU3OjIwLjkyNjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT51c2VyPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAtgFvwMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APD6KKKACiiigAooooAKKKKACiprSD7TewwYlbzZFTEMfmOcnHyrkbj6DIzXS3ng37LYz3H2XxMvlRs+Z9B8uMYGfmbzjtHqcHFAHKUV2I8D5TP2TxV0z/yL3H/o6obLwb9rsYLj7L4mbzY1fMGg+ZGcjPyt5w3D0OBmgDlKKmu4Ps17PBiVfKkZMTR+W4wcfMuTtPqMnBrr9Nlk0H4YSaxpTGHUbzUfsj3cfEkMQTdtVuq5PUjBNHRv+uwdbHL6ZpV1rF0Lax8gzHG1ZrmOHcScAAuwycnoOagvLOfT76ezu08ueCRo5EyDtYHBGRwea1tJ1G81TxlpE+o3ElzMLuBTLKdzsBIMbm6secZOTjA6AVv/ANl2eq/ETxZHfw+asEd9PGNxXa6klTwR09OlD0/H8BpX09PxOEorq9O0jR5PBthqOqb4PM1v7Nc3MZYssHlhjheRxknOCfr0q14k0qLTFa/tfD2mzaWl2UgvLO+lnhlXB+STEhYNyvI2cg8HPDkuXf8Arb/MS1/r+uxx9xaXFoYxdQSwmWMSIJEK70PRhnqD61FXd+PdQtj/AGRF/Y1jvm0W2KTb590IKnAX95jA7bgT65rSl8IaJp+t/wBh6hFpsVutuFl1WXVkS4WYpu3+UZcBckKFKZxzmiStfyb/AADseZUV3N5b+HdC0Dw1dXOhrey6hD5l273Eo+RXIOxVZcMQepOOOnOa4y9Nsb+4/s8Si181vIE2N+zPy7scZxjOKXX+ugk7q5DRXoPhuznt/h2+oaZfR6XLNftHe6nu2vBAiKwRSPmyzEfKvLcDpk1mfESS3utU0vULZHBvtNjnleVFV5X3uvmMF4BYKCcfr1ptWf8AXVXBNf162ORoorV8MahYaX4msr3V7Q3dnC+6SEKDng4ODwcHBweuKFqweiMqr95omoWGl2Wo3dv5dpfBjbyb1O/acHgHI/ECun8TQ6rqGl3GpweI18S6PHcK0jOWWS2Y8DdG/wA0asWIGw4OB6DFHxDZ6f8A8IfoOq2WnQ2M969wsywSSMp2MAvDuxHfvU9CrK5y9FdjbLpS+D7rVtU8P2EW/wD0bTxHLch5pv4n5lI2qOvGCSBxWna+GNL0+DQ49Qs9Puo9Qt0uby6utVS3khWToI0Mi/dHOSrbjke1VYXS553RW/ajw9pmrazbarDNqUCJNDYTW8gA8wNhJCQQCMDPcc9DWBSAKK6Lwnpts0lxrerx79M0tRI6N0uJf+WcP/Aj14PAOa7HWfFSad450vW9UMytdeH49z2iDcjyI3zKCw6E5603or/1s2vyF/X4o8sor0fTkimvtF17WvENxrGjNcSWwOqhs2txsJXehZxt4Q5B+vSrEcWoX/hLVJ/Elxb+ILi0v7aS0jivFuXO+UK6KULbVccBfb7vFFne39f11GeYUV6/q4unTxTFHqDavGbbYmhAqTp2SDu27io8rAX91u5PO2qmlrFoPh7XvDMSo12NFlu9SlwCyzHaFiz6IrHPXljS6N+Vx21seV0UV0ukeFP7T0yK7+z+IH35+ay0bz4jgkcP5q56enB4oEc1RXV2/g3zp7mP7L4lPkyBMR6FuYfKG+cecNp56c8YPfAF8G7tQltvsviX5I0fA0LMgyWHKedwvy8HPJzwMcgHKUVsa/of9im3/darH527/kI6d9lzjH3fnbd156Y49ax6ACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACitZtD2+D0137R96+Nn5GzphA+7dn3xjH41buvB96s+nw6e32trzTV1GQttiSBDuzudm2gDb94kdcU7O9v62v8AkBz1Faf/AAjuqHVLfTorYT3N0N0It5UlWQZIJDqSuBg5OcDBzjFTt4R1oXNlClrHMb9zHbPBcxSxyMOq71YqD7E0gem5i0Vu3HgzXrVGaayUFJI4pEW4jZ4mkOEDoG3Jk9CwA5FF74M17T7e5lu7EJ9kG6eMTxtJGu7buMYYsFz/ABYwRznHNHS4GFRWxD4U1i4s2uILaOQLD9oaFbmIzCPg7/K3b8YIOdvQg9KuR/D/AMTSwJMmm/u2VXDG4iACsu4MctwuO54zx14oA5utfSfEd1pVhdWDQW97YXWGltLpWKbh0cFSGVu2QR79qfB4R1q4muI1tY4zb3JtHae5iiUzAkGNWdgGbjopP61Fb+GtWuLi8hFr5LWJAuWuZUgSEk4AZ3IUEnoM5PajyDzJLXxDFaarHfRaJpuYdhgi/fBYmU7t2RIGY5/vluw6ACrX/CZ3K+IJNYt9NsIJ5xKt0iiVo7kSfeDhnOB/ulaxL2yuNOu2trtAkqgH5XDAgjIIYEgggggg4Oar0bgdFc+Mrq40y005NO02GytLkXEVukBZc7cFW3MSwPJOcnnrwAK134kkm0d9LsrCz06zllEsyWwkYysPu5aR2PHPAIHNY1FG4bG3d+Jn1HSraz1DTbG5ltbf7NBdsJFlRBnaPlcKcZ4yp/GnXfiltSVG1bSdPv7tYhEbyXzklYDhS2yRVJAwMkZwBnNYVFG4Gnqeu3Oq6dptlcJEsemwmGEoCCwJz82Scn6YrMoooDZWNbTPEE2n6bcadLaWt/Y3DrI1vdB9quOjqUZWBxxweR1rS0vxA9/44stY1a+t9Pjs2RkUQO0ccaEYijRQccZxnHck5rl6KadncTV1Y1vFGrw694p1DU7a3+zxXMxdIzjIHTJx3PU+5NULK6+x3aTGCG4C5DRTruRwRgg9D36ggjqCDUFFSlZWRTd3c3JfE8h0uTTbLTbGwsp5FkuYbcSn7RtIKhmd2bA9FI6mpL/xWL/RINLfQ9Nit7XzPs5ja43QlzliCZTk5H8WRXP0UxHRXni1dQtbW3vNA0uRLOAQQYa5XYvrgTAZJOScZPeoR4neXT7W01TS7HUxZoY7eW581XSP+5mN0yoOcZzjJrDooA19G8SXWgyag1hBbYv7Z7aRJIy4RG67cnPHuT75rIoooAv2Gu6tpULRaZql7Zxs25kt7h4wT6kAjmtDUvGF9rd1Zza5BDqKWluII4biSbYemZDtkB3nAyc84HFYFFAG1eeJZb1LO2ksLNNOsyWj0+PzFiLHqzHfvYn1LfSiXxReBLWLTYbbS4LWZbiOG0Q4MqkkOzOWZiM4G4kAdAKxaKAOol8e33n391Y6fYaffaghS4vbVZBIwJBbG5yqk45KgGo7Hx/4msVuh/a95cfaIGhzcXMj+VnHzp83DDHB9zXN0UeQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1d54y+1WM9v9q8TN5sbJifXvMjORj5l8kbh6jIzUw8c4TH2vxV0x/yMPH/AKJrjqKAOrsvGX2Sxgt/tXiZfKjVMQa95cYwMfKvknaPQZOK5q7n+03s8+ZW82RnzNJ5jnJz8zYG4+pwMmoaKN3cDrbDydV+G7aTb3drFfQap9qMV1cJAHjaMLlWchSQRyM5rXn1l4dZtbbRL3Srv7Hosen3cV7Kq292Qx3qrsVUgEgg7hnHBPQ8BBaXF0JTbQSzCGMySGNC2xB1Y46DnrUVN6vX+tLCt/XzuemWFz4Y0jxAI7b7Fay6hpEltcRfanmtYLh8YHnKc7SByQx2568GotD1WTTdY0Syu7fQdN01dTW6d7PUVm2uEK5YmZ9q4PsOBXnFFCdmn/W9wkrx5f62sdBDqTxeNpWS9ZLS41JXmIlxHIom3Atzggdcn610H9qWb+LvHU8l9AY7qyukt5DMCJSXXaEOfm4HAHYVxUml3kWkw6nLCUtJ5GiikZgPMZeuBnJA9cYzxnNSf2LfDRRqrxJHZsxRHkmRGkIIB2ISGfGRkqDj8KmK5Y8vZNferFX1b72/C56Vocfh3RPE9rPps2ippwtCF1CfUWNzK7QtkGMPtQ54wyAe+SBUl1rmmvpeoINTtWZtP0qNFFwvJR8uo5/h6kdu9eXjR746EdYEH+gCf7MZt6/6zbu24znp3xirGneGtV1W3Wezt08qSTyo2mnjh81/7qb2G8+y56j1q7u/3fr/AJktaf1/XQ73xBqena1avBYRaLfzWeqXpdL6+a3DLLMzJJGwljVwQMHkkcdjWSmvatqGqa092nh+4W9aJLvT57xEibYoCyRyGQDIAxlZCct09OFkjeGV4pkaORGKujDBUjqCOxptK9wsbfi6DR7bxFLH4dcG02qSqymRY5MfMqufvKD0bvVbQ9V/se+a48zUI90ZTOn3n2aTqDy21sjjpj09KzaAMnApRT2Q3qdXceMvPmtn+1eJT5Mm/Mmu72HysvyHyRtbnrzxkY5yC88ZfaoBH9q8StiRHxPrvmL8rBunkjnjg9jg84xWDq+kX2halJYarB5F1GAWj3q2MgEcqSOhFUqLhY6u98Zfa7Ge3+1eJm82NkxPr3mRnIx8y+SNw9RkZrlKKKACiiigAoq5pOk3uuanFp+lw+fdTZ2R71XOASeWIHQGksdMvNTvxZ2MDSznOVBACgdSSeAB3JOBQBUoq9qWj3uk+Sb2NAk6lopYpUljkAODtdCVODwRniqNABRRRQAUUUUAFFFFABRRRQAUUdalubW4srl7e8glt504eKVCrL35B5FAEVFFXRo98dCOsCD/AEAT/ZjNvX/Wbd23Gc9O+MUAUqKKKACiiigAooooAKKu6jo99pK2p1CDyReQLcwfOrb426NwTj6HmrUnhXWIbFruS0ARIRO8fnJ5yRn+Mxbt4XkclcYOelG24GRRRRQAUVLHaXEttLcxQSvBCVEsqoSse7gbj0Ge2aioAKKKKACiiigAooooAKKKu6Zo99rDXI06DzjawNczfOq7Y16tyRnr0HNAFKiiigAooooAKKKKACiro0e+OhHWBB/oAn+zGbev+s27tuM56d8Yqxp3hrVdVt1ns7dPKkk8qNpp44fNf+6m9hvPsueo9aAMqir1zo2oWenR311bNFbyTPArMQD5ifeUrnII9xVGgAooooAKKKKACiiremaXeaxefZdOh86bY0m3cF+VRknJIHQUAVKKKKACiiprO0nv76CztE8ye4kWONMgbmJwBk8Dk00m3ZAQ0VPe2Vxp1/PZXkfl3FvIY5E3A7WBwRkcGoKQPTRhRRRQAUUUUAFFXdM0e+1hrkadB5xtYGuZvnVdsa9W5Iz16DmjTdIvdXkkSxiDiJN8sjyLGka+rOxCqPqaAKVFW9R0y70m6FvfxeW7IsikMHV1IyGVlJDA+oJFVKACipIIWubhIYygaRtoMkioo+rMQAPcmreraLfaJLDHqMSIbiITRGOZJVdCSAwZCRjg96AKFFFadz4e1G00dNVlSBrJ5BEJYbqKXDldwUhWJU47ECgDMooq/pmiahrK3R02384WcDXE/wA6rsjHU8kZ+g5oAoUUVYsLG41PUILKxj824uHEcabgNzHoMngUbhsV6K0ovD2qTaxc6VHa5vbUSGaLzF+XZndznBxg9DVGCFrm4SGMoGkbaDJIqKPqzEAD3Jo3Dbcjoq/q2i32iSwx6jEiG4iE0RjmSVXQkgMGQkY4Pei80TULDS7LUbu38u0vgxt5N6nftODwDkfiBQHWxQoq6NHvjoR1gQf6AJ/sxm3r/rNu7bjOenfGKpUAFFFFABRRRQAUUVd1HR77SVtTqEHki8gW5g+dW3xt0bgnH0PNAFKiteTwrrENi13JaAIkInePzk85Iz/GYt28LyOSuMHPSsijyDzCird5pd5YW1pcXcPlxXsfmwNuB3rnGeDxyO9VKACiiigAooooAKKKKACiirtro99e6Ze6hawb7WwCG4k3qNm44XgnJyfTNAFKiiigAooooAKKKKACirtzo99Z6TZ6lcQbLS+Li3k3qd+w4bgHIwfUCrVt4V1i8s47mC0BSVGeKNpkWWZVGSUjLB3HB5UHoaNgMiiirc2l3lvpdtqM0O20umdIZNwO8pjdxnIxkdaAKlFFFABRRRQAUUUUAFFFWLCxuNT1CCysY/NuLhxHGm4Dcx6DJ4FG4bFeitOy8PapqE19FZ2vmPp8by3I8xR5aqcMeTzj2zUGk6Te65qcWn6XD591NnZHvVc4BJ5YgdAaFrsBTopWUoxVuCDg0lAbBRRRQAUUUUAFFXbXR7690y91C1g32tgENxJvUbNxwvBOTk+mafp2h3+qwyzWkUYghIEk086QxqT0G9yFyfTOadnsBn0VPfWNzpt9LZ30LQXELbXjccg/5796ktdLvL2xvLy2h3wWSq9w+4DYGO0cE5PPpmkHkVKKciNJIqIMsxAA9TVvV9HvtC1OTT9Vg8i6jALx71bGRkcqSOhoApUUUUAFFFFABRRRQAUUUUAFFFFABRV250e+s9Js9SuINlpfFxbyb1O/YcNwDkYPqBVKjyAKKKKACiiigAooAycCr2qaLqGjaq2m6jbGK8XbmIMHPzAEcqSDkEUAUaK1r/wxq2mWklxeWyrHCyrMEnjkaAt0EiqxZCenzAc8daavh3UjpCanJFDDaSK7RNPcxRNKF+9sRmDP/wABB54oAy6KKKACiiigAooooAKKKKACiiigAooooA63xP4h1i48SahpMV1JbWCzvaR2C/LBGgYqo8v7uR1zjOeeoFa6aBoA8e/8IY2m7xgwHU/Pk8/ztu7ftzs2g/Lt29Oc5rmdT8VPq7ST3uk6a1/LHskvljcSMcYLFd/l7iO+z3GDg1YPjm/M/wBtFnYjVfJ8k6mI38/GNucbtm7b8u7bnHekvhSf9f1+vkD1en/Df1+hel0DTF1zwZbi2/danBbvdr5jfvS0pVj14yB2xVvWNN8P6BotvdnRVvLibUru3Cy3EojEccoA+6wO4DABzjkk54rGsPHV9YJpzCx0+4udMXy7W6niZpETdu2/eCnuM4yATgg81R1bxNeaxZQW1zHAiQ3M1ypjUglpW3MDknjI4/rVprmV9rv81+gLz7fo/wBTvLS20/w94h8ZaVaaXbyQ2ulzOskskpd0Plt5bYcDaN2MgBuBz1rnPD2lWWuW+r6u+m2MUenQxrHY/a2ghkkkYqGeSSTIA5OAwyQAMd6H/Ca6ifFF7rbwWjyX8TQ3Nu0bGGRCoUqRuz2B4OcioLXxM9jPc/Y9NsYrO7h8q5sP3rwzAZIJ3OXDA8gqwwR9albK/a35/wBfiH+Z2GmeF/Dt/rWm/aILYGexuXvLCx1ATrC8Y+V1dXYjcDkAk9D1rkrm40TVbWG3sNKOmX7XgRTFK8kbQMMDcXYneDjlQAQTx0osPFLaVqgvtK0qws38iSFkQzMrBxgk75CcgdMECsJWKMGUkMDkEdqF8Wu3/Bf/AACbOzt/WiOq8fyNJ4yk0qAhLXTQllaxs4CoqgDkngZOSSfXml8ZAWui+G9NYfvrWydpGQZjbfIWG1x8rj1KkjPfrUfi+4stcjtvEdrcxC6uwsV/ZkgPHMqgF1XujAZz65p+tyxap4G0CS1ubYvpsUsFzA06rKpMmVIQkFgQRyoOOc9KnXlSffX7nr/Xcvrp2/yMAatejRTpAm/0Ez/aDFsX/Wbdu7OM9O2cV6fqfhKxmuII9Tmu1gsbZ4bVLWRU8pLeEPLI2VbJaRsYGPXJ4FeSV6pe+Kbq8xd6dNoM1hc28jyrf3ASaDfGBNCUDhzlkyCqknIwcZFVrr/WvQS+JX/pGX4mkaXwDqMj8s/iudj9TGaZ4Pmnt/h3r72urf2RJ9qtgLrfKuPvcZjUtz9KxP8AhMZ5dPubLUNL0++guL579hMJV2ysMHHlyLxjtVRvEMo0m/0y2s7W2tL6WOV44/MPllOgUsxODk5zn8KqpLmba62/C3+RMVZJPp/wTqdKnnt9D8SeIjqg1jVbJbeC2vmMkhhEjYZ180BgQOAcDHOK4y/1jUdVMZ1O9mvHizskuHLuAccbjzjjpnAycdTU+ia/d6FLP9mWGeC6jMVxa3Cbopl9GGQeDyCCCPXrVfUL+O98sQadaWEcefktg53E9SWdmY9BxnA7Dk5nrdF9A1XVb3W9Rkv9Tm8+5kADvsVc4AA4AA6AVZ1240S4+w/2BZ3FrstUW78593mTfxMOTx+X0FZVauu+IrvxB9h+2x28f2G1S1j8mPblV6E89fpgegFHQRlV6D4Uvb3UdM1G0u9cbWGn02WODRpJZHYMMYYeYBGCgG4bSWwOBXn1btt4nbT0dtI0nT9PumjMX2uHzXlVSMNt8yRlUkZGQAeTgijo0C+JMwqK6/Q9fstF8A63YzTxXdxqyrHHaLE2YCCf3juQB6EBSecdOa5Ch72BbFzStVvNF1KK/wBMm8i6hzsk2hsZBB4II6E12Xg3SEvvCOoyyzPDFdXBW7ljA3i3hjMrqvoWYoP6HGK4Gu38H62YPDN5p1tLYreLM0qwahII4rqKSPy5E3llCkYVh8wPHFDvZ2BfEjqLW1Tw5p2oW2kTXkDQaNdXA8ybMkMjpauQrqq9MjnA71k6DYy+PfDunxa5PJLcJq4txfyEGYweRJK0e88nleN2cbvTis7VfG+p2upSpd22i3bT2jQ3K2zO8biRYw2WR8bgsSD5DtHPfNYz+M9URrFdMEGmQWEhlt7e0Q7FkIwXbeWLkjj5ieOOlaOSbv5W/Fk8rSt/Wx1mk+HdA1a6RL6x0ywdb+FYILPWFuGuoXfayMBKx3KCDuXb34q+/hfwu9jE0OjFXuIL/azXMh2fZtwVsbvvN8pPbjgc1wsfipLfVYdSstB0u1u4ZxOskXn43A5xtMpUD2AHtip18faosMMQgs9sKXSL8jci4JL5+btnj9c0oNJq/wA/wFNNp2/rc9Afwf4SXUzAuiEqusjTRuupeVaMSFj83UcgYx2JzXKweFtK1W68MX1nD9n027hY6kA7kRtBlpiSSSNy9OaoH4kaubs3H2ay3nURqWPLfHmBNmPvfdx26571Zh1Q+GvhxfaU15azXmqzDZFbTpMbeLADszISAWAC7c5xUJ2hfrp99l+F7sp6z8v+C/8AgFzTtZ0680MaZ4c1k+E70Xkkg3s6R3SMx8sNOuWXYvHzcHj6iCXR7bSfDmr6j4q0gXOswamsPl+aY48vGW+YRkArzu+XB6c4yK5mx1uCzhhSfQ9MvXhOUlnWUMRnOGCSKG5/vAnHHQAV0o8ULe+BtSudbFnqeoXOrRyNb3LshKiIrvCxshwMAelEtv68io726a/ky1qPhnRLDSJfEosi9u1hazw6a0z+WJZtynLA7yo27gNwJ6ZqXQ/DXh/WZtGv5dOaC3vrS8M9pFO+1JIAMMjElhndnBJ59a5c+NdRku7uS6htbm1u4VgksZIyIFjT/VqoUgrt7EHPucmnweOdRtb63ntbazhhtbaS2t7REbyolcYcjLbix65LHmiXW3nb7n/X/DEWemvb9P6/4ca+r+HmtVeDw3DHeLckLE08zQtARxuPmBvMBA5GFIJ46Vq/Ey9tX8capatplrHJ5se68VpTLjYp6GTZ04+7/jXD1uax4ok1xhPfaZYG/wBqBr1FkEj7QBll3+WSQMH5ad9vL/gf5FG74k0Gyj026ufDml2l9pMMcRTU7W9d54yQOZoyx25w2RsXBI54weSGrXo0U6QJv9BM/wBoMWxf9Zt27s4z07ZxWi/iqVbG8ttP0zT9O+3LsuZbZZN0i5yVw7sqgnnCgdB24rCqdR9DV0+40SPQNTi1GzuJtTk2fYZ0fCRYPzbhnuPY/h1rKrV0/wARXem6BqekQR27W+pbPOZ48uuw5G05/nn2xWVTe4uhu+GLnxDNeLpHhi4mgnu5ASbY+W5wP4pB820DJxnHfFWPiDd2F742vZdMMTx/KsksIwssoUb3H1bPPfr3qDQfFc+gabe2cGn2Vwt8Nk0k3mrIU/uBkdSFPcd+9SaBqVkvjCw1F/sWhwWbrKwjSeVX2tkgAlzuIOOoHHY9Xo2kK7SZztFa3ijV4de8U6hqdtb/AGeK5mLpGcZA6ZOO56n3JrJqVqtSnudT4buZ/EfjLRINYl8+CyQIilFGIolZwnA56Ec8811F5oUFlb6rrF5cXcmsNbutw/mL5LST20sjIF25wqYGd3J7DGK4bwnqdvo/iqyvL3ItlZkmIGSqOpRjj2DE11eu+ItWg0m9iuJfDtzE5WJZ7acSTTnymh80IrnafL4O4ADPABqlKzu/67/eTa915f8ADfcWL25n8VxKngnWhDELTy28NzDytqgYYIpzHKT8z5+8OD1HEVhqJ1nRdJ0/wlro0a/t4vKl0qbMUd7LjJfeMpIXO1QknuOnXmrXxdLp8z3Wl6TptjfshUXkKSb0zwxVWcxqSMjhRjJxiorDxMNOkgnt9F0z7bbqBFeFJN6sBhX2B/LLDg5K8kZOTzRpfX+t/wCtRq9l/Xb+tDpNIuY7HwD4ot7zQ7LzrOa1injd5h5riRgd+2QYIIP3do+tU9JttEm8Ga1r17osUk1tcxR29vHPKkS7lIwfmLFc89c8YyBWLYeKLyzbUxcQ2+oRarzdxXasVkYNuDZQqQQSehHWmt4jmGi3+lW1na21nezRzMke8mMoOApZiceuc1Lu9eun6X/IHuv66M6LS9I0LW7fUNYsdPSNLCzhD2FzdiGBrp2Kk+Y0m4RgDdguGJ4zTbvw9Z3F7o7aRp1rdXdxFKbzS7TUlliiZOjmQOxVDkEguOhAYdRzOj65c6P9pjjjhubW7j8u5tbhSY5V7ZwQQQeQQQQe9XLHxU+l6ibrTNK0+1WSB7ee3XznjnR+obfIT6fdIqn5f1/X9bAdvo/g3RNStbC91DTraAmS4guINOv/AD4n2wmRXDCRyrDGMFvw5qrrejaJY+G5NR0jTWsb5dMtNSinjupSYHeZE2pluw3HJycnjGKwLT4hX9haRWthpumW1vE7ukccT8F4zGckuS3BJyxJz3wAKpXnjHUL7SzYyw2wiNhDYZVW3eXE4dT9772Rz2x2FPTm8v8AgP8AWwtbf13X6XOgi17V7D4c3l9q2rX13PrRazs4bi5eQLEP9bJgtj/ZB6jn1p/hnxHrdjoGqeI9U1nULiKBfsllBNduyS3DjrtLYIRfmx7j0rkNa1251xrT7RHDDFZ2620EMAYIiL9STk9z3ov9dub/AEXTtLaOGG108P5axBhvZjlnbJOW/Kpbvf7vl/X4sa6HU+BNZ1eOWfU7/WdR/sfQ4BK9v9rcJI33YoQN2ME9umBiuWj8Q6lBqGoXsE4jm1JJI7khAd6yHLjkHGT3HNB125/4RldCjjhjtvtH2mR0Db5XxgbjnGAOgAFZlDd3/XzBaI1PDs+j22twy+JLSe808BvMhgbaxO047jvjuP6HNkKGRjGCqZO0E5IHatLw7r914Z1uHVLCOGSeIMFWdNy/MpB6EHv2NZsjmSRnbALEk4GB+VD6AtmWdM1G80y8FxpshiuSpRHVAzLnjKkj5W9CMEdjXW+OXmg8PaFYa7KbjxBEskl08j75YomOY0dupPJOCePxrmvD2uy+HNZj1K2tLW6miB8tbpCyqf7wAI5Han6jqsOtXAMlhZWE002+W8WS4djnqW3yPkc5OBnj8KHqrAtHcyaK6zx14itNb/si1s2W4Om2S28l4sRjE7YHRSAdoxxnHJPArk6ALg1a9GinSBN/oJn+0GLYv+s27d2cZ6ds4r0/U/CVjNcQR6nNdrBY2zw2qWsip5SW8IeWRsq2S0jYwMeuTwK8kr1S98U3V5i706bQZrC5t5HlW/uAk0G+MCaEoHDnLJkFVJORg4yKNdf616AviV/6RdbRIfEHh+S41EvJb2er6hdz28HM1wAw+VB7k8nsK45rbSIPDEviVtHhc3d8bW109p5fJgRVDFiQwdm7feA5Jx0Aot441fNs0LRQS219LfJLEpDeZIfmB5xt7Yx0JBzSP4wml+3RXGladLZXs4uWsikixRS4wXTa4ZSecjdjnpjFOWrbXW36fpp/w5EE4xSfT/g/8P8A8MdHf+GdDsNHm8TJZtJbPY208GmyTNsWWZnUhmGGKLsyBkE9zU2h+GvD+szaNfy6c0FvfWl4Z7SKd9qSQAYZGJLDO7OCTz61zB8bajLdXLXUFpcWlzAtu9g8ZECxocoqhSGXb2IbPuadB451G1vree1trOGG1tpLa3tERvKiVxhyMtuLHrkseaUutvO33P8Ar/hh2emvb57f1/w4iyaPrZtbXS/D00WotfALBazuyzwEfdZnZiHBH3gAuCSRxW5N4QXUvDV68GkWVnq9rdwwxxadqAuBKJG27XBlkKkEZzkfoa43RdXutB1m21PTyouLdty71yp4wQR6EEj8a1x44vrfTrqz0mystJS5dJHksRIkqspJyHLlu+MZwB0AycvS39d1+lytf6+Z1WoT2kHw58Q+H9KMclrpcloj3Cjm4naQ+Y+fTKhR7L1qbRLTTtA+Ic2gWWnxvLa2MqyX8skhlkcwlmIAYIF5wBtJwOua4seOfEJ0W+0241O6uYr0KrvPcSO6KM5VSW4DA4YYORVyL4i6nFeNepY6d9ulg8i4uzCxkuE2bfm+bAPQ5ULkqM5HFKWqfmv0t/X/AAA6r+upd8LeHY7ptJi1bQLT7LqD7TdXOpeTO4LbQ0UZkXIGRgbGyQeTkAF34Ps7/TbKLRIyt5Bq0ml3r5Zt+W/dyEEkD5Qc4wM1mW3jq9t/7Mkk07Tbm60tFitrqeJ2dUVshSNwU46A7cjqCDzWvoevy6DpWv61dXVmLvWExbWkEyO6ysxPmFQSYwoZsbsHnFNvr/XS336i8v6/r/I2GsrS00HUb3wfdJo1q2ptBPqPmtvht4kXhWyXJd/m2rycgdBxznjm+WPxDout6XviuJ7CG7M0sah5JVkcCRlHy5OxSRyPrWFpniCbT9NuNOltLW/sbh1ka3ug+1XHR1KMrA444PI61BrOsXWuah9qvPLXagjiiiXbHDGv3UQdlH+eaWv5flYdv1/MgubyS/1KW8v2M0s8pkmYYUuScnoMD8queIp9Gudbll8N2k1np5C+XDO25gcDPc989z/Ss1HMciuuCVIIyMj8q0vEWv3XibW5dUv44Y55QoZYEKr8oAHUk9u5o6KwdW2ZsbmORXUKSpBAZQw49QeD9DXfjUNRn+HOr33i26e5j1F410qG4bJ8xWO54l6IoBxxgdvSuBhkENxHI0aShGDGN87Wwehxg4NdDrnjFvELmTUNE03zhCIYpI2uF8lQMDYvm7BjrjbjPUGh7WBfFc5uiuvl1+ytPhcPDyzxX11c3YufkiZRaDAyCzAbmJyOMjBPNchR1sHQuadq17pJuTp83lG6ga3m+RW3Rt95eQcdOo5rudE0GK6+Hlv57yi1mkkvLlIGCyTuHWCCMMQcDcWOcH6civOq9A0DxBOvg22tdLm0w3do7RTWupTJEHQyCWOVGZlBKuCCuT1GQRTW+u39fqL0/r+kbV/Z2/hzSdYvtJaSa50a3jsrOafDyW4a6mDuOAAeoBwMVynhqK48ZaxIfEN5LfxabaS3ZW4uQrShcYjMzn5VJI6nAG4jBJNJqPjTU7bxHeSbdMnikja3ubeBWktbgF2cnk5PzuxDAjHY4rNtvFE2n6hFdaXp9jZKqNHJbxo7xzq2NyyeYzMwIAGM4HUYJJovd38vxtv9+o7W0Xf8L7F/xDpmmxeGLe+jj06x1IXRhktLDUVuVkjKlhJjzHK4I2nnHSpPGsbyxeFY40Z3fRbdVRRksSzYAHrWHNqtnLLCyaBp0KxtlkSS4IlGOjZlJx34IPvV/UPGM1/9hdNLsLS405I47S4g87dCqNuUANIynn1BNL/MO/p+p0B8LW02l65Ff6LZ6Xc6fZm5gaDUhNOCuMrLH5jdQRkhEwfTOKyo/wDkjs//AGHF/wDRJqKfx3dStqbxaVpdvLqsTx3csUT7334yQWc7Tx0GAc8g4GIV8WquhHSBoGl/Y2mE5Xdc5MgXbuz53p26e1J7fd+Y1o/v/Kx6BZ3c0OoeDYv7eFvbPpUO/Si0n+lkhht2keUd3C/Mw/lXIaFYWF/feIrHUtFgjmtLS7uUbzJBJA6dE+VwhCn/AGaop42uFGnO2labJdabbrBa3TrKXjC52tt8zYWBOeVPPao9L8XzaZJdzf2ZYXd1epLHc3NwZt8qyHLAhZFUZ9QAaHq38/x2/r7gTtb5fhuS6dpFlq3gO/mtbc/2xp9zHIzKzEywP8uNucZDY5Aq/eWGi6b48sdDj02C8jQW9neNLLLhpyw8x12uMHnbjpx0p/gvU4ND1K78Sz/YLS0Fu6R6fFcB2mc4CoEZmcDcAxZuOK5vT9cay1dtTnsra/ujMJ1e6Mnyybt24bHXJz65FVf3l+P5f8En7LOw8LafDa/FXWtPswsEEcV7DEHf5UUKwGWPYeprD8ZaZp/h6aHQ7Wyc3luqvc6jKzj7QxGcRrnb5fPBxk46+sR8Z3C69Pq9tplhb3VxHMk5j80rJ5owzENIcHk4xge1VpfE1xd6Xp9jqVna38ensfJefzA/lkf6osrglAeR3GODjips9PT/ADHpdvz/AEX+Rp+ODi38LkgMBokHB7/M1ReIbPT/APhD9B1Wy06GxnvXuFmWCSRlOxgF4d2I796rav4q/tmC1iudF06P7HEkELRNOCsanITmUgjkjJ5560t/4rF/okGlvoemxW9r5n2cxtcboS5yxBMpycj+LIo7+o+q9P0MsatejRTpAm/0Ez/aDFsX/Wbdu7OM9O2cVZ0+40SPQNTi1GzuJtTk2fYZ0fCRYPzbhnuPY/h1rKrV0/xFd6boGp6RBHbtb6ls85njy67DkbTn+efbFPoxdUZVbvhi58QzXi6R4YuJoJ7uQEm2PlucD+KQfNtAycZx3xWFW9oPiufQNNvbODT7K4W+GyaSbzVkKf3AyOpCnuO/emtBMn+IN3YXvja9l0wxPH8qySwjCyyhRvcfVs89+veuarotA1KyXxhYai/2LQ4LN1lYRpPKr7WyQAS53EHHUDjsetPxRq8OveKdQ1O2t/s8VzMXSM4yB0ycdz1PuTU2tYpu7Mmup8N3M/iPxlokGsS+fBZIERSijEUSs4Tgc9COeea5atjwnqdvo/iqyvL3ItlZkmIGSqOpRjj2DE09em5L21PQY/DVqt5eX+o3d4dVuF8q6lEi+UXuYJHdAu3OFQjndyewxiqsesXS/FgeG0XZoYuTp/8AZeP3BizgnZ03E/Pu65PWqeu+ItWg0m9iuJvDtzE5WJZ7a4Ek058pofNCo52ny+DuAAzwAawn8dag90b/AOx2I1YxeUdUEbefjGN2N2zdt43bc47021stl0+7T8/vBxd/Npa+ev8AwPuOvn0Wyn8DaJrurQvfWum6XzYwuQ8rNI2CxHKxju1ZJ8FW/iDTrLUNHiTTkl0uSdo13yLLcJIy+Wu9iRkDjk9KwrTxvqtlNpclutuo023a2VChKzxMSWWQZ+YHPt2781LF481S202ysbOG1t7exvftkKxq+c7iwjJLElAWPHX3pPd27/5/53+VgjpFei/T/K3zNCfwybHUr0W2h2t5BbQWgea/vTbwRu8CM/JkTLFjnG7jnjkY2ZfCfh2yv9WuLjT2ntYtHh1KK2S7JEbs3KLIpO5eMZ54PHrXMXHj2+vjerqWnadeW95cJcm3lSQJFIqhAU2uCBtAGCSOKZdePNTu1uhJb2Si609NPcRwlAsanIKgHAP4Y9AKJttNrf8A4D/USTSSv2/P/Iv6RZ+HNdt5b86Y9q2lWUtze2kEriK4IYeWqszM65yQ3PYYx1rY8G6JoviBLDVl0mG3nt7ySCSzRnkhuSIHlT5ZGY5yuCMkH0rgtF1q50O+a4tFjkEkbQzQzLujmjb7yMPQ/UVoDxjqFv8AYl0mG20uGymNxFDaqxUyEYLsXZmY4O3k4xxiq6/1vfcLP+vyOvmiv9e8L6zpWo3smua3HLBOgUh47OSSZUMSP6kMdwGEXHGecJqNxaW/w48Q6BpZjktdKktFe4Uc3E7SHzHz6ZUKPZetcjN4xvlt3i0e3t9EEs3nzNppkjaRu2WZyQoycKuBz0pR458QnRb7TLjU7q5ivgqu89xI7oozlVJbgMDhhg5FT9m3p+hWzOg8KXt7qOmajaXeuNrDT6bLHBo0ksjsGGMMPMAjBQDcNpLYHArirbVr2z028sLabZbXwQXEexTv2HK8kZGD6YrRtvE7aejtpGk6fp900Zi+1w+a8qqRhtvmSMqkjIyADycEVhUPVgtFY1dCuNEt/t39v2dxdb7V1tfJfb5c38LHkcfn9DWVWroXiK78P/bvsUdvJ9utXtZPOj3YVupHPXj3HqDWVQw6G54R1OTTvEFqIILdpZ7iKMTSR73hG8ZKZ4BPTdjI7EVP8Qf+Sha1/wBfTVl6RqaaTeLcnT7W9kRleP7SZAI2ByCNjrn8c1fv9aHiTxFHe3cen6RNJKZJrpFmZWbg5ZSX9OAoHXn2LXa+f6C2T+X6mDRXTfEDxFa+J/Fst/YR7YRGkQkKbTMVGN5HbPYHnAH0rmaS1Ga9jc3muTaNoNzcE2kdwIoECqPL81xu5xk8+ua9Ll0KzfxOdau5rpbqBkubVYHVYoIhcLDBGV2knIUk4K46Y6mvKNKvf7N1iyvtu77NcJNtHfawOP0r0XU/E99afap7C48PXenLGr280s37+RBL5sSGJX3h0ZscqAcHdkVV2rP1Fa916fmZmgeItbPw88TSf2xf+Za/ZFgf7U+YgZCCFOflyOOKfc6jZp8N9BudXsDq1zPeXRH2id1Xl1LsxUhix7HOOSSDXH2etXFlomo6XEkRg1ExGVmB3L5bbhtOcdTzkGluNbubnQ7DSpEiEFjJJJEyg7iXIJyc47dgKaa5rvy/Qa3+/wDJnc6j4J0/R31q6gt7W9EWoLaWlvf3wt4owUEjMzF0LkAhQA3qTmuU8X6fpthq0H9jvD5VxapNJBDcrcLbyHIaMOpOcEepOCKmuvHF/f3WoPqNnY3dvqEiyy2kqOI1kUBQ6FXDqcDHDcgnNUV06XXGa6sLfS9PiU7DCdRSHkDOQJ5dx69elR0X9dALngXRLbXvEZtbuF7kR28syWyMV+0Oq5EZYfdB9ePrXWWXhzRrm48MWmq+H4tMv7+6l+1Wnmzq7QqDtO15CUBPrydvBAyDj+ELRNE1K+GqXmnhrvTbiGCH+0IXhuHIH7uV0c+WD1BJXJHBouriy8P6ZY6rYw6VZeIIb8NHFp9410hgCHJf95Io+bAxuBIJ4q30/rr/AF8iXez+f5GdpejWt54T8Q3X2Zpby0nto7UqzZG+RlIAB5JwByDW4fC1tNpeuRX+i2el3On2ZuYGg1ITTgrjKyx+Y3UEZIRMH0zisQ+O7+Kwms9OsNP06KaeO5P2aJtwlR94YFmY9ccHIAHAHOVn8d3Uram8WlaXby6rE8d3LFE+99+MkFnO08dBgHPIOBiXqn/Wtl+po2nK5sa/b+E/D+s2Fjc6E8ltPYxzXM6XEhlRnj4MQLhRg8nduBz2AqfQbPTvD/irwlaJp8V3eXyQXkt3PJJmMyH5VjVWC8AdWDZJ9OK4vXddufEF7Fc3qRI8VuluoiBAKoMA8k81q2Pj3UbBtPmSy0+W806MQ295LEzSLEDnZ97bjGVzjcATgjrVRdnfz/DX/gGVny28vx0L+l2mnarrHie1v9Nglkt7e8uornzJVkV1PyjAcKQM91rlNK1W80XUor/TJvIuoc7JNobGQQeCCOhNa2m+MJNMmvJo9I06ae+WWOeWUz5ZJDllwsgAHuBn3rCupkuLl5YraK1RjxDEWKr9NxJ/MmsoJxil5Grad/Um0yWyj1i2l1eGS4slmVriOJtrOmeQDx29x9R1o1SSyl1a6k0mGSCyaVjBFK2WRM8Annt7n6mjS9Rm0jVrXULZY3mtZVlRZV3KSDkZFGqajNq+rXWoXKxpNdStK6xLtUEnPAq+39die4yxuhZX0Vy1vBc+U27yrhSyMe24AjI9uh75HFdh8QrmW80nwpcXDBpJNMDMQoUfePQDgD2HArjLaZILlJZbeO5RTkwylgr+x2kH8iK2tZ8Vtrem21nPpGnwC0iENvLCZt0SA5wN0hB/EE80PVL1/RgtG/T9UYFFdf4l1+yn8FaJ4etp4r+awZ5JLyOJkVQxOI13AMevJwOg61yFHVh0RcttWvbPTbywtptltfBBcR7FO/YcryRkYPpivSLPwna6loXh+yvpLgWZWEJFbOqM9xcFnd2JVuEiUcY56ZHNeV16dpvie8bSNHk0W40UvAkUc8Op3CxNbSxAoJBuddytG2OA2MHGDzT/AM0Lr95NpUOoWeoaz4i0Ozur+e2t7OzswsRkdsxx7mIUZyI1wTj+KprnTLXQLvxv9us5JbGaC3u47fJjLq8u4Ke6gN8p74Bxg1weu+KLrVrOPTmhs4bW3mLqLRXAchFjUncSThUAGecdcmpLfxpfRWP2O5tbS9tjZJZNHOHG6NJGkXJR1OQWxwRwBxSfva/1qv8AMcfdaXn+T/yLOrwaXa6PoOu2uk24F8s8c9i8kxh3RsBuB37+Qw43dq0rvw5pKfGO10SOzC6bLLCGgEj9GjViNxO7qT3rnLrxK97Pbfa9OspbO0iMVtYfvVhiB5JG1w5YnkksSe/art145ubnxJba6NL06HULeRJPNjE2JNq7QrKZCMYA6YPHWmrKSZLT5Wl2HapfaDaS6lbadpc2n3tncKNPu4Lh2fKPhjIS2BkcjYoIIH1rWi17V7D4c3l9q2rX13PrRazs4bi5eQLEP9bJgtj/AGQeo59a4W6uHu7ya5kCh5pGkYL0BJycVe1rXbnXGtPtEcMMVnbrbQQwBgiIv1JOT3Pepjfks9/6uW7c1zr/AAz4j1ux0DVPEeqazqFxFAv2Sygmu3ZJbhx12lsEIvzY9x6VtaA08dt4U+z6k+iAxkvpBZVOp4J+cDcFPmcKPN2/7O7v5tf67c3+i6dpbRww2unh/LWIMN7Mcs7ZJy35Vp2/ji6jXTXudM069udLQR2l1cJJvRVOVBCuFbb2yDV3V/68/wBSeho6Dql5a+LHjfX28OWkWpFn01pJgg/efMgVV2YGNp3FR+FXJfEEGgzeI9IlbU/D1xc6iJ4/sCIxhQZOw7ZFHRh0JFcrD4iUXL3d7o+n397JM073Nz5pLuW3ZKrIEIz2249c0n/CQtPfXF7q+nWerXdxJ5jzXZlBz6ARuq49se3SpWyT/rb/ACH5/wBdf8zubbRv7GbXdc1rVzfTw2ttNY6m8RuH2SsQkgRz98BABlvlPfiud1ia707+zPEH9pNr8d9BKltLqkRZ4GRsNlGZlyC2RksMknHFUB401R9Qvbm9W3vIr6IQz2kyEQlF+4oCkFdvYqQR+JqK68Svey2q3Wm2MllZxGO3sB5qwxZ5JBVw5JPJJY5o63X9bh/X5G98S7q4g8fxXMFzJBcLaW7CdHKsp2D5sjn8qfrM09/8NmabVR4hmttQDyXm92NmjJgJmULJhz6Db8vXNYmteLTr9/FeahoummaMKpKGdRIirgIR5vTpyMHgc9c1bvxFLPpT6bZWVpptnLIJJo7UOTMw+7uaRmYgc4GQMnOM0ujXn+twW6fl+lipcate3el2enXE2+1si5t49ijZvOW5Aycn1zVn7Ron/CJ/Z/sdx/bf2rd9p3/u/J2/dxnrn2/HtWVWr/wkV3/wif8Awj3l2/2T7V9q3+X+83bcYznp+GffHFPo/wCuodTKrv8A4Z6nJ9ovtOjgt4oxpt1JJKkf7yY7RgMx5wOyjA7kE81wFb3h/wAVP4cDtaaTYTTyRPC885mLMjdVwsgX8QM0PWLXkw6p+aMGiuu8Fa7YaP4v/t25a306C3RsWUMcshmyhG1CxbBzg5Zx19OK5i9uFu9QuLlIlhWaVpBEnRATnaPYdKH0BEHSu18J3t/r/jO61i9lW41G2s3niZkVQZQojjyAAOCyn8K4quj8EanDp2uTJcXK2i3lq9sty4ysLkhkZvbcq5piZ02q6BpPh3QdTkEmoXTSu1rclrhVFwIpoN7r8h2HeSBndwO+eKfje40g6N4eT7FfbzpCG2P21NsYLNjcPK+c56kFc+1ReKvEWqXGjPb36aCouZpMLp9wJpFDOkjnKyMoDOqn5vm6gYHFcxqmtXGrw2EVykSrYWy2sXlggsoJOTknnntik3dJdv8AIpJKTff/ADX6HX6/b+E/D+s2Fjc6E8ltPYxzXM6XEhlRnj4MQLhRg8nduBz2AqS18MaXp8Ghx6hZ6fdR6hbpc3l1daqlvJCsnQRoZF+6OclW3HI9q47XddufEF7Fc3qRI8VuluoiBAKoMA8k81ZHid5dPtbTVNLsdTFmhjt5bnzVdI/7mY3TKg5xnOMmn39fw1/4BCvZJ9vxM3U7eGz1a7trWdbiCGd445lIIkUMQGBHByBmqtOdg8jMqKgJJCrnC+wzk/nTalbFBRRRTAKKKKACiiigAooooA1r7wvq2nW0k15bxx+UqvLF9pjaWJWxgvEGLr94dQMZHrXQ+LPAl3b6zKdD08JZLbJMkZuF3uBErSMiM29wCTkgEdR2qzrMljqmj6ne+JxpA1VUQWl9pl6rvduOPniRiBkDJYqmOB7VeOsWDfGa3vW1G3NmlkEE5nXy1P2UjG7OB8xxj1pd/wCujHH9P1RlaL4OuYvCF3q134avdSvWnjhtbWSGZV2EbjLhCrMMDAIOOe9YFv4a1XVZZ5bWwjtY1uTBsmnWBUlJP7pTKwLMP7uS3TNXYLu3Hwru7QzxC5bVo5BCXG8qImBbb1xnjNatpe2WpeA9JsoLbSLq70+WYTwaleNbECRtyuh82NWGBg8kjA4xVdX8v0F9lfP82c9B4P124juZFsDGlpMYLh5pUiWFwM/OWICjHc8cgZyRUZ8K6yurPprWW24jh8990qCNYsZ8wyZ2BcfxZx2rpte1+TU/B2r/ANoT2UWo3GrQs9vaXCurIsG3K4Zty8DnJGa2G1rSp9Nk0wTadcXF1oVika3VwUhZ4tzPE8iMuxumAWAyADSW1/T8rh2/rrY4VfB2uvqUVhFYGW4mgNxEIpUdZYwMlkcMVb8Cag1Pw3qmj2oub6BFhMxgLxTxyhJAMlG2MdrY7HB6+ld14f1trTXLC11MaNplnZ2N4Lf7HfrKoMi5ILmV8EkcDI6mvNvtVwLM2onk+zGQSGHedhfGN23pnBIzSvrb+t3/AJCXn/WiNXxEdEKaX/YAw32CP7by/wDx8c7/AL34dOPSql3omo2Ok2ep3dq0dnfbvs8pI+facHjOR+OM9qoVuapaiLwro8w19b0yeb/xLg5P2L5vTPG7r0GffrVPZvzK3djDrprDwhHeeGL/AFU6tb+dZ2y3JtIV8whWbaA7AgK3fAyR3xXM13fhG0EHhHxFHPe6bDJqNnGtskmowKzkPkggvleP72Kl35XYXVHCUV0fhbwl/wAJJqWoWDajDaT2lu8qcCVZSpwQGU4x/tDPHIzXOUwLmkfYhrVl/aozY/aE+0/e/wBXuG77vPTPTmtq20rSNS8S6vcQmRNBsPMuB5ZO54w2I41LcgsSoyeevpXM16F8Lp7O2i1GbUZI44I7qyZ3kOFUeY2CT2G/Zz/Snfb+t/8AIT0TMfW9JA0MXEnhufQ70XiRRQ7Zgs8bq5HEpJLKUAyCAd3So/FfhAeF1tZY75NQSR3hm2x7BFMmN0Z+Y569eK7kXGlbtFl1HWNPli04LdzxpeRs0kyG4dwADyS7Rj0bPGea5iXXNI1vwjrVgkM1rdvdpf2/2y9Rw8ryBHAOxMfK2TnPAJ4waLbJb/8AB/yuwejd9v8Agf56FHX7Cxk8JeH9S0/TIrO5v5LhJUt3lZW2MqrgOzHPPY961I/B9zpfg60vZPCd3qep3VxIJYriG4Ato04HyxlTlic5PHHFV9dsCfh9odql7pslxYNdPcRR6lbuyhmBXADncSB0XJqhq13byfDnw9bRzxPPDcXRkiVwWQFlwSOoz2pdGUldq/n+plXHh7VLbULGymtcXGoJG9qqyKwlVzhSCDjk+9W7zwxNYeGZdUuptk8Opvp0lrtB2sqbi28HB54wB75rr/Dmowy+Codeu3H2zwqJYoAwz5vmjEIP+65P4Cse2X+1vhf9iivbIX39tNcPFc3sULFDCBu/eMM8mq7r+t1+m5K1Sf8AX9X2Ob03Q9Q1WGaazhXyIMebPNKkMSEnABdyFyc8DOTUr+GdWh1SXT57UQXESeY5mmSONU4AbzGITaSQAc4JIAreSFbvwG/h9LvT4dQs9R+0ukl7CqTo0YUFZd2xiO43fyxWtOPD+pSeRcXVlqF9pGjQWtvHcXZgtp5ldt+Jdy5ChgB8wDc44pP+vuv/AMAFf+vU5GTwfrkTShrIMIrU3hZJ42VoR1dWDEOP93NZ/wDZd5/Y39q+T/oX2j7N5u4f6zbu24znpznGK9Gm8QWmkXXg8QS6fJHCtxbX1tYTtLGkckgDLlizHg56kEjgkYrn/H6R6LNZ+FbSXzIdLVnlbH35pDuJ/Bdg/Ok9PxX3P/K3zGtX/X9b/gZHiI6IU0v+wBhvsEf23l/+Pjnf978OnHpVS70TUbHSbPU7u1aOzvt32eUkfPtODxnI/HGe1UK3NUtRF4V0eYa+t6ZPN/4lwcn7F83pnjd16DPv1pvZvzHu7GHXTWHhCO88MX+qnVrfzrO2W5NpCvmEKzbQHYEBW74GSO+K5mu78I2gg8I+Io573TYZNRs41tkk1GBWch8kEF8rx/exUu/K7C6o4Siuj8LeEv8AhJNS1CwbUYbSe0t3lTgSrKVOCAynGP8AaGeORmucpgXNI+xDWrL+1Rmx+0J9p+9/q9w3fd56Z6c1tW2laRqXiXV7iEyJoNh5lwPLJ3PGGxHGpbkFiVGTz19K5mvQvhdPZ20WozajJHHBHdWTO8hwqjzGwSew37Of6U77f1v/AJCeiZk6torS6Skn/CM3Gi6g16kEMAWYLcJIrEYEpJLAoBkEA7ulZVz4W1a1tUuWghmgeYQCW2uop1WQ9FYoxCnnviu91D+xL+PQbHWtZtGtDLELowXSORKTcNISVztXc6At0w2QeM1BHPp2n+F9Vtv+JJYPLe2jxW9jqDTs6LKfmYtIy8D+7gjqwHFNJaf11S/LUUrx5vL/AC/z0OTufAniKzaZbqxSKSBDJJE11FvVA20yFd2dmf4sbcc5xV3U/A72nh7SL2C5szcXSTNcCTU7YINr4XyzvG7jrgtz6dKh8caoZPH+tXOl3xaK4cx+bbzZWWMqAVyp5U9MdKsXkKa54D8PxWN5Yi4077RHcQXF5HA67n3qQJGG4EHtmoTvTT9P1/4BbVpWMfT/AAprOp2sVxZ2qsk5YQCSeON5yv3vLRmDPj/ZB5461qaX4Ke+8K6pqM00Ed1btCIEa/gRRuYhhKGbKHjgMVOc9a25dUgvbPw9f6Pa6Hc3Gn2kUDC/v2tpYJYznIUzRqyknIIB759KzdMvV1jSPF9nc3Nla6jqM0VzGkk6xROyyszqrsdv8XGW5qnZXS/rVfoJHOw+H7+4uLiKP7Ji3KiSVr2FYgTyAJC+wk4PAJPB9DVfU9LvdG1B7LU7dre4jxlGIPB6EEcEe44rptE0fS00W/8AtY0u81qK5SNLe81JYoFiIyXV0kUOc8EBjj0qP4iXdreaxprWNza3CR6XBGxtJGeNWAOVBb5uPRvm9aT/AK+64I5vT9PutUv4rLT4GnuJmwkadT/gAOSTwBzWi3hHWhc2UKWscxv3Mds8FzFLHIw6rvVioPsTV/wDqVlYaxexag0Ea31hLaRPclliV3xjeykFVOMEgjGeore0PVZNN1jRLK7t9B03TV1Nbp3s9RWba4QrliZn2rg+w4FVZXX9dSZNqLa/rQ5G/wDCWtaZZzXN7ZqiW7Is6rPG7wF/u70ViyZ7bgO3rSXHhTWLaxnu5LaNorbH2gRXMUjwZ6b0Viyc8fMBg9aWe7SXxPexTX8sWnXl6ftTwuSHj83O7A4bHUdea7kDRdIi8URWR0O1tZdOmhs3g1Jpp7ofLjI8wqCfTarZ6AgGs07w5vK/4F296xw4Oif8IQwI/wCJ79v4OX/499n/AHx978aqWmiajfaVealaWrSWdjt+0SggBNxwOCcn8M471Qrc0q1EvhfWZzr62Jj8r/iXFyDe/N6ZGdvXoce3WrezYdUjDrofCfhaPxNqEVvNqlvYiWXyY1I8yV2wTwgI+UY5YkD0yeK56ut+HMKw+MdP1O5urK2tLaY+a9xeRREfKeQrMGPXsDRHciV0tDl7qH7NeTQbt3lSMm7GM4OM1FW9JowuvGken3N7bQx31zgXEEyXCoruQCdjEZ9iQfXFVPEeit4d8R3ukvOtwbWTZ5qjAYYBBx2OD0qIt8quaStzOxmV0l9YaTq+p6Dp/hdcTXNtDFdk+YQLgnDk7uw4Py8VzddJ8Pv+R5scfe2zbP8Ae8p9v64qr2WxPoacmj6dLBfR2vh+6Gmw205t9cIlzLLErNuJz5e1ihXaBkZHORWdrHhzR9Ca3hvtXvmuZ7SO5Cw6ejIN65C7jMD+OK7bWL/S38O6h9i1bT/Lkt4liiW5TcIVs3VV25znzWI29RnJAHNcz418Rb7iyt9PfTrmD+y4I3f7JBM6tsww8wqWBH1yPanPRW63/Czf5iXxLta/4/5Fd/B+mRXel2Nxrk0N7qdpFcQ77IeQrSD5UZxJuHPGdh65rPv/AAtNpvhybUrqcCaDVH02S3CZAZVyW3Z9eMY/Gumv7az1DWfDWoy6vp0Gn2Wm2guZPtkbSIYxlkESsZC3bAXrTNSuYPEvg/UBYXVnHPceI5r1YLq8hgcRMnBw7DuccVUkvet0v+a/QFe6/roYFr4QnvPBEviC3nLyR3Bi+yLHlmQbQXBB7M6jGPfNTa74V07w3qkFpqerzyCa0WYyWlmsm197I0eDKvQoec/hWqmuz+EPDWiCwurGe+huLs3Fuk6TphggXdsYg9Mg56j2qhcT3Gptotzp8+nS3NvppWf7fNbYDmeYnKzHaTgg9M8g96Vk9V5fkLXS/n+Y0+Bi2qWyQ6kn9nTaeNSa8lhKtFAOG3Rgn5gcgAE5459KOqeHIrbw3ba7pl5Ld2E07WzefbeS8cgBOMBmBBAzkH2rt7bX9HbU4rTWbm0nvb3SWtL6SOcraiQMDFHvX5UXaMMY/lBPHc1z3iXVHbwitjqN7azX9xfLcJbWMqSQ2cCI6KgKEquS5IUE8DJ5PKf9ff8A5Fa/16f5/wCRi+IjohTS/wCwBhvsEf23l/8Aj453/e/Dpx6VUu9E1Gx0mz1O7tWjs77d9nlJHz7Tg8ZyPxxntVCtzVLUReFdHmGvremTzf8AiXByfsXzemeN3XoM+/Wh7N+Y93Yw66aw8IR3nhi/1U6tb+dZ2y3JtIV8whWbaA7AgK3fAyR3xXM13fhG0EHhHxFHPe6bDJqNnGtskmowKzkPkggvleP72Kl35XYXVHCUV0fhbwl/wkmpahYNqMNpPaW7ypwJVlKnBAZTjH+0M8cjNc5TAuaR9iGtWX9qjNj9oT7T97/V7hu+7z0z05rattK0jUvEur3EJkTQbDzLgeWTueMNiONS3ILEqMnnr6VzNehfC6eztotRm1GSOOCO6smd5DhVHmNgk9hv2c/0p32/rf8AyE9EzN1HSbFdJ+1axol74ZkS6WNRFbySedG6OQds0gyVKYJDAfN0qnr/AIc03RobRbfUr27ur61iureI2CopVzwGYSkhsA8AHnH1rb8bXFu/hXT4Y9Ss7qVPLMiQXCSN5padpSdp6ZdeehzwTUOpa1YWvirwhfmWO5gsdPs/tAiYPsKkllOP4h6daaSdl52/P/gBK6b/AK7GBdeEdbs7Oa5nswFt1V541njeWAMMgyRhi6f8CAxU8vgTxHCrebpwVljMojNxH5kiBQxZE3bnABHKg9x1BreX7Po2p+J9VudWsbi31C0uYbUW1ykklw02SuUUlkA6ncBgjFbeqFdJ+KEfiDUr21jsrKyjYRm6Rpn/AHAUIsQbfyzdwBjJzUa2v/S3KWrt/T2/zOKufDuk6bpGl3mp6reI+o25nWO3sEkCAMVwWMy+npVXWvDv9l6Po+pW919qt9UhZwfL2GN1OGQ8nOOOe/pW94QvdWsLmxm1LxBBDoUY3T2s2pJKrREHdH9mDliSCRjbwTmtHwjqGgarbXllqtzDp9nYaoNUso55FXcmTuhGevAXgVTtf+tr/wCX5Ep6f1v/AMP+Zkaf4QlsfGbaZc6fb620EaeZZNqCWjO7xB8LltzbST0z93nGa5qw0i91e7li0+33eWrSSFnVEiQdSzsQqj3JFdX4NvG1D4kp4j1G6s7aA3MskzXN5FEV3K2AFZgxHIHANR6TbrBoHiTRJr3T4b69W3mgJvoTHIqSEsvmhigPIOCRSvfVopKyauUvFOhW2i6L4eeOOIXN1byPcvFcCZZGEmAQysV6f3aoeKzoh8SXH/CLjGmbU8rl+u0bvv8Azfez1rW8aPZpoPhuys9Qtr57O2ljma3fcFfzCSPp1we45HBrkKW9/V/mJaL5Iv6pomo6L9m/tS1a3+1wrPDuIO5D0PB4+h5qhW54ltRajTNuvrrPmWMbfK5b7L/0x5Jxj04+grDpvdgdNdeEI7XwhNrS6tb3MsE8cMtvbrvRC67seZnBI74BHv1rma76y08p8L7/AExr7S1vZ7+OeOI6pbZKBcE58zA+h5rB0Pwsut+HNa1NNQSGXSo1lNs0ZPmqc5O7PHT0PPpS6y7L/JAtl5/5s5+tjwqdFHiW1/4ScZ0v5/O+/wD3Dt+5833sdKx6KoDofD+kW1zDe6neW8t1b20iQ29nEWDXc0hOyPI5xgEnHPYYzWxH4Qi1i806Cexm8OXUy3P2iAwyMMRIrq6pI275gxHLYyvFaXgS4gtvBUzyXENtMbu5SCWaQRqsxtcR5Y4A6vgk4/StU6ppdp4w02WLVbB7WGznjhYToyqotYkUN2GXVxtbnjpyKTslLyX6f1/SE7uzXV/r/X4nmr2/h4SxhNU1MxnO9jpsYK8cYHn88+4rU1TwnYWc+m2llqd1dX2qQwzWsb2SRoRK2AGfzSVPXoCP51hahqtxqQQXEdonl5x9msoYM59fLVc9O9b3iu5t72+8OLaX0CmPSbWJ5lkyIHBOdxXJBHUjqKa/X/MGUtc0TS9HuLuyTV5ZtQs22SI1lsidwQGVH3knBzyVUHB56ZfL4E8Rwq3m6cFZYzKIzcR+ZIgUMWRN25wARyoPcdQa6Ga+e88P6ivjq60q+litdmnXMNzDPd+cAdi7omJKdSd/cjnNbGqFdJ+KEfiDUr21jsrKyjYRm6Rpn/cBQixBt/LN3AGMnNS9F/Xn/Vit3Zf1qv8AM8/sfCWt6jbQz2tmu243eQsk8cbz7Rk+WjMGf/gINFr4Q1u70438dmsdortG0888cKIykAqxdhtOSBzjPauouGtta1nw3rVtqlha2lja28dwstykclsYTlgIyQz56rtBznFQ+LNasdU8Fg2lzGXm126uRBvG9UckqxXqOtOWl/66pX/UhNu39dGyno/gG6uH1iHV/LtJ7GzkkSI3sCMJVK43gtkIQc7uAeDu5rDi8OalPqLWVslvPKkRmd4buJ4o0HVmkDFFA9yOo9RWz4P1IXOoazFquoqtxqOlS2sVxeTYUvhdqs7dBhcAk46CovD41LQdVuYoJ9GkaW2KS211eQvBcxseV3h9gIwDjep4/At7r0/HX/gfIfT+vIk8O+A7nWtZm0+8vIrHZZm6jmQpcRyAOF4ZG24ySCQTjB4rPPhe5GgPfZka6TVBpv2JYiWL7C3Bz1yMYxXXwv4d0xtV/s+a1sri48OzJcW0d550SzkrhI5CTuJHOAzY6Z4rT0vxToltpOj6veXdus0+qLPewKwMkb/Z5ImlKD5sFtrZ/wBr1p2Wlv61f6L8gbt/XkcEPAviFp0hiso5neY2/wC5uoZAkgBJRyrEIeDw2KxbeyuLud4bePfJHHJIy5AwqKWY8+gUn8K9A0zVp/DmpJHFbeHraxnv7f7Tc2Op+c7qkoIYK07kDrklRwTnFbF9qXh2PTdWsLW/s86RZ3Mdo6zKRc/aY23BD/FhiOlTdJXf9aD62R5ufC+rLYJdvbxokkJuEje4jWZ4hn5xEW3lcAnO3oM9Kv2HhCO88MX+qnVrfzrO2W5NpCvmEKzbQHYEBW74GSO+K3IZbLVNLA8YNpE0Ftp+y11O1vQt0CANiGINucj7vzRjGCc9zB4RtBB4R8RRz3umwyajZxrbJJqMCs5D5IIL5Xj+9iiXVL+t7fMFrZ+f+Rz3hw6IH1L/AISEZX7BL9k5f/j442fc/Hrx61T0jR7/AF7UksNJtzcXMgJVAwXgDJ5JAFVJomgmeJypaNipKOHUkHHDAkEe4ODWv4Sthd+JLeI64NCyHIvy5Xy/lPGcjGenUdfwp7g3oY7o0cjJIpVlJDA9Qas6bYrqF35Ul5b2caoXea4fCqo9AMlj6KASarSALK4DhwGI3jo3vU1lZS6hceTA8CPgnM9xHCv/AH05A/DNJBLRmt4m0KPwp4iSz85dRjWOOf8AeRmMOGG7aQrZHpw2fpT/ABbplnYtpN1p8H2aPUdPjumgDsyxuSVIUsScfLnkk89a1Piasdzr0eoWl5ZXVsbeGHdb3kUrblTn5VYsBx1xj3qHxSy2nhfw7ZyxJdSy6eJ0uZQQ8Cs5/drtwCvB++GPzHBFLp8/8xrX7v8AIqa7pFnJ4fsfEWiRGG0nb7Nc2xct9nnUZ4J5KsPmGenI9K5uutj/AND+Ec32jAbUNUU2yHqRGhDuPbLBa5Kn1a/ra4l8K/rq0FFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRXV3ng37LYz3H2XxMvlRs+Z9B8uMYGfmbzjtHqcHFTDwPlM/ZPFXTP/Ivcf8Ao6gDjqK6uy8G/a7GC4+y+Jm82NXzBoPmRnIz8recNw9DgZrmruD7NezwYlXypGTE0fluMHHzLk7T6jJwaNnYCGiu2tLSG8+EcaXGoW1gq625D3CyEMfJXgeWjHP1FaWu6TJc3miC2sLfWIrXw5AxkknaC3UeY43szFDjGcAlTn6EFtWdv62uK+39dbHm9WtN0271fUobDTovOuZ22xx7gu44z1JA7V3Nx4c8Owat4ZudTEOn2epRSfaYYbvzbcSIdoxKGchGbGTuO3nkdRY8PaRNp/xA8OTyaNa2MU08nl3NhdNPb3ChSAVJd8EYP8XQjgY5OuoPRNo81ZSjFW4IODUlxaXFoYxdQSwmWMSIJEK70PRhnqD612LQ6HfeH9Z1S00SKJtJuYAglnlY3KOWUiXDjnI3ZTb6dKl8faja/wDEoi/sax3y6LbFJd8+6EFTgL+8wQO24E+uaX2b+n4q5claTX9bnCUV6JoHhKG+ni03WNCtbH7RZNJHcHUR9sD7NwcwmTlSQfl8vgHrwTVrQ/CWnCDw7Lc6B/aOnX8Dz6hqUsssa2+M5GVZVQKBnLA7snBp21t/XX/Ii+l/66f5nAWmtX9jptzY2cywwXQ2zFI1DuvHyl8btvH3c49qoV2+jaTpGp6fdnSrXTtQ1ZtQKQ2F5dSQL5Bzt8oeYpYk9cuSABxzk8lqdu1pqtzA9rJZmOVh9nlbc0XP3ScDOPXHNK+v9eX+ZVirWjo+tXGi3EzwRxTxXETQz286lo5UPY4IPUAggggjrU+gaH/bRnHlarJ5W3/kHad9qxnP3vnXb046559K038G7b+K3+y+Jf3kbvhtCxIdpUfKnncj5uTkY+Xrnh2EYOo6jHfmEQ6fZ2EcSkBLVW+Yk5JZnZmJ+pwO1Uq6u48G+RNbJ9l8SjzpNmJNC2MflZvkHnHc3HTjjJzxgw6v4U/szS5bv7P4gTy8fNe6N5EQyQOX81sdeOOTgUtgOaooooA1r7xBNd6PDpcFrbWNlHJ5rRWwf97JjG9y7MScdOcDPSsmiigAooooA0NG1b+xrwXSWFpdzIQ0TXIdhEw6MAGAJ/3gRx0qpdXU17eTXV3I0s8zmSR26sxOSaiooAKKKKACiiigC/aa1f2Om3NjZzLDBdDbMUjUO68fKXxu28fdzj2qhRRQAVo6PrVxotxM8EcU8VxE0M9vOpaOVD2OCD1AIIIII61nUUAXdR1GO/MIh0+zsI4lICWqt8xJySzOzMT9TgdqpUUUAFFFFABRRRQAVfsNRtbSBkuNGsr9i2RJcPOGAx0/dyKMfhnnrVCigC5qF9b3nl/ZtLtNP2Z3fZmlO/OOvmO3THbHXvVOiigAooooAKKKKACiiigC5peq3ejXou9PeOOdRhXeFJCnuu4HB46jkVWllknmeWd2kkkYs7ucsxPJJJ6mmUUAFTWd3Pp97Dd2chingcSRuvVWByDUNFAGvqevpqUc4XRtNtJbiQSSz28cm9jycDc7BAScnaB+XFZFFFFrBuFFFFABRRRQAUUUUAFFFFABRRRQBftNav7HTbmxs5lhguhtmKRqHdePlL43bePu5x7VQoooAK0dH1q40W4meCOKeK4iaGe3nUtHKh7HBB6gEEEEEdazqKALuo6jHfmEQ6fZ2EcSkBLVW+Yk5JZnZmJ+pwO1UqKKACtHXNauNf1Vr+8SJJWREIiBC4VQo6k9hWdRQAUUUUAFFFFABRRRQAUUUUAFX/7avxop0lJljsmcO8ccaoZCCSN7AbnxngMTjt0qhRQAUUUUAamla7NpdrdWjW1ve2d2F822uQxQspyrAqysCOeQRwTmquoXq390JUtLazQIqLDbKQqgD3JJJ6kkk1VooAKKKKACtHXNauNf1Vr+8SJJWREIiBC4VQo6k9hWdRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAPhdYp0keJJlVgTG5IVx6HBBwfYg1f1rW7jXLiB544YI7aBbeCCAEJFGvQDJJPJJJJJyazaKANHWNcutalgNwI4obaIQ29vApWOJR2AJPJPJJJJJrOoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiug1jQdK0a4uLCXWpJdSt1IkSOz/AHAkHVBJv3E9s7MZ9ByIl8Ha69r5y2PJh+0CAzRicx5+/wCTu8zHvt6c9KOlw8jEorRbQNTW5063Nt+91NUe0XzF/ehm2qevGSO+Kux+Ctekh877GkcPmvD5stzFGnmI20ruZgM54A784zg0WYFE6zcN4bXRCkX2Zbs3YfB37ym3Gc4xgela0fjrUBaC0ns7K5szYRWD28qPtkSNiyMSrBgwLHkED2qxongS4vDrEeqGO1nsLSV0iN7DG4lUgAOrHITk/McDpzzWLF4c1KfUWsrdLeeVIjM7w3cTxRoOrNIGKKB7kdR6inv8/wDhvyQfoXLzxfPfLYRXGmaYbawSWOK2WAiMo5yQfmzkdmBDdyScmpbfxxfWNzpzafZWNpb6dK00NrGrmNpGBBZizlycHH3scCqq+DtdfUorCKwMtxNAbiIRSo6yxgZLI4Yq34E1DqfhvVdItVuL63QQmYwF4p45QkgGSjbGO1sdjg9fSlv/AF5/5/iG/wDX9dPwGW+uXNto+paaiRGHUXjeViDuUoxI284HJ5yDVm78TSahpdtaahptjcy2lv8AZoLxhIsqIM7R8rhTjPGVP41P4m0ux0C2s9KERfVwgnvpmY/ui6grCBnHAIJPJJPXtT9V0+y0rwbo8os45rzVEkme6eR8xBX2qqKCF6A5LA9e1D/r7v8AId7u5ZT4iagmqLqh0zS31LyhFJePC5eVdmzkb9qnHdQp4x0yDuy/2Vqi+HAyaLqFnFYww3V1qGo+RPDhjvTy1lQ/KOB8jE8ctXHA6J/whDAj/ie/b+Dl/wDj32f98fe/GtjRPhtqur2unTSRXlqL24aMlrJisUQQMJScjg5wBxnHBqv+B/X4i/r+vuM19Z0/TdUuE0/SbDULOG8keymullDiPd8udrruGADhwe/0rJ1LUbrV9Snv7+Tzbm4ffI+0DJ+g4FaNz4bktfCjaxPK8cqak1g9q8JVlKpuJJJyD224qTwnoFl4l1WPTZ9QuLO6mLeXstFlQhVLHJMikHg8YNTb8A2MCiuiPhuzuvDGoazo+ozXC6fLGksE9qIn2PwH4kYfe4x+NR23hS6ubXQZEkG/WrmSGFNudioyLvPtlm/759+Gk27ITaSuzBoro9c8NWGg6vbxT6rLc6dcwedFeW1qGLclSNhkA4Kn+Kl8QeHdL0SC08rVLy5uLy1iu4UaxVE2OejN5pIIAPQHtz3pR97Yb0OborW8UaH/AMI34lu9J+0fafsxUebs2bsqG6ZOOvrUgOif8IQwI/4nv2/g5f8A499n/fH3vxo3Vw6mLRV+00TUb7SrzUrS1aSzsdv2iUEAJuOBwTk/hnHeqFABRXQ+E/C0fibUIrebVLexEsvkxqR5krtgnhAR8oxyxIHpk8Vh3UP2a8mg3bvKkZN2MZwcZo2dg3IqKKKACit3WoNKu5dIg8LQSSzyWUS3UcayMz3PO4AN1PT7vHpWrffDfU7DS769lS7C2dnBcsGsmAZnwXQHP8AyWbtjkCm1YDjaK7eTwDYnxM/h221yVtW8oPEs1kEhkYoH27xIxBwTyVxxWbP4ZsdMsdOk1zVpbW41GAXEUcNp5qRxtwrO+8EZ54VWIA9eKQHNUVvw+HLa30KHVte1F7KG7ZltIoLbzpZwpwz4LIFUE4yTk+lJoEfh6HxhAmuTm60X5jJIUkQkFCVyqfMCGwCASMg8kc0w6GDRVm0sp9T1OKy06IyzXEgjhjB6kngZP8zSX1jc6bfz2V9EYbiBzHIhIO1h15HBpDejsV6KsWNob6+itlmgg8xsebcSBEQdyzHoP19MmtbxN4bi0CHTJbfUBfR6hbeeriExgc44ycke5APsKNhGDRRRQAUVtaWdEHhrWf7SGdUxD/Z5y/XcfM6fL93H3vwq7ofgXVNb0g38VvdqjXEMMO20Z1lDkhn3Doq45PTnqKdv69Q6XOYorr7/AMFWmjWV3c61qV5AtvqT2CJFp4ZnwgcSENIuAQcjr265qlfeC9Qh1RbbTmj1C3ltRexXakRx+Qc4dy5Aj+6QQx68ZNLX+vS/5Ac7RW4vg3Xn1GKxisDLPNCZ4fKlR1lQDJKOCVb6Ak0sng3WYNpuIrWOMytCZGv4AiSKMlGbfhXx/CSDweODTSu7IDCorr/EfgS40/xVNpmjPDcR+akUCSX8BnYsBwUDBhyf7o4596pT+AvEttaSXM+m7IYomldjPHwqglhjdywCtleox0pLVXA52itb/hGNY/t5dG+yf8TBk8wQ+anK7N+d2cfd561Zt/BHiC6htZYrFAl4ge2MlzEnng5wE3MNzcfdHI4yORQBgUVs6Z4Z1K+Ima3SG2S4ELyXU6W6l88oDIy5YAHIGSK3LvTvDej/ABZubDV4fK0KCVlaPfIdo8v5eVJc/Nijql6/p/noBxVFWbSyn1PU4rLTojLNcSCOGMHqSeBk/wAzSX1jc6bfz2V9EYbiBzHIhIO1h15HBoG9HYr0VYsbQ319FbLNBB5jY824kCIg7lmPQfr6ZNa3ibw3FoEOmS2+oC+j1C289XEJjA5xxk5I9yAfYUbCMGiiigAora0s6IPDWs/2kM6piH+zzl+u4+Z0+X7uPvfhV3Q/Auqa3pBv4re7VGuIYYdtozrKHJDPuHRVxyenPUU7f16h0ucxRXTXvg2Sxt/Ekk1y6toc8UQR7cqZxI5UNyflGAGHXIP41m+HbA6hrUCfZYLxFdS9rNepbeeM42BmI5Oe2TQld2B6GXRW1daHeXmtavFp+mfZhYebLNaC4Vzbxq2CNxOX29MjOapwaNqFzpyX1vavLbyXItEKYJeUjIQL1Jx6CktdhvR2KNFbN74T1mwjEk9tGyef9nZobmKURy/3H2Mdh9mxU174I8Q6elwbywWNraMzSxfaIjIsYOC/lhtxXP8AEBjvmgRgUV0MvgTxHCrebpwVljMojNxH5kiBQxZE3bnABHKg9x1BqCx8Ja3qNtDPa2a7bjd5CyTxxvPtGT5aMwZ/+Ag0AYtFa9j4W1jUIjLBarHH53kB7maO3DSc/IpkZdzcdBkitbwZpNvL42h0DxFo8crSyMkonaWOSEqjHA2uo5wOoPtQByVFXtMFkuv2g1Qf6ALlPtA+b/V7hu+7z0z05pdXWzl8QXiaIhNk1wwtVG4kpu+X73PTHXmje1uo2rXv0KFFXtX0a/0HUnsNWtzb3MYBZCwbgjI5BINU4ozNMkalQzsFBdgoGfUngD3NC12FsNoro9d8KRaP4dstUg1WK/FzPJAwgjIjVk6lXJyw98D2yOa5yi4dLhRRW14cOiB9S/4SEZX7BL9k5f8A4+ONn3Px68etAdbGLRW9oPhHUde0+/vLa2u2itYS8bQ2rSCaTco8sY74bPGcAdKuz+Bbi18bJoF1cPCnkC4ku5LchUjEe92AJ5AIZc55I7U7AcpRXWReCW/4TqLRHu4pbVpYSbgzRwNLDJghkV2+Y4PQbuaz9Z0RvD2sSmQWd3axXTRpEb2OVnUE4DrE+9eBz93n0pdgMOiul8ZafY2Z0WbTbNLQX2mRXMsUbuy72LZxvZjjgcZqrP4P1y2t3mmtEQRBDMn2iLzIA/3TIm7dGOerAY70AYlFddqfgd7Tw9pF7Bc2ZuLpJmuBJqdsEG18L5Z3jdx1wW59OlU7HST/AMIdqV9JpMF5gRsl6mpIHswWx80IbJ3Hj5gPWh6X8g3aRztFaWneH9S1W1murSFBbQkLJcTzJDErHou9yFzz0zmpIPDGrXEt0i2qxrZkCeaaZIokJIAHmMwTnIxg8jkZFAXMmiustPh9qUunaxLelrS601VZLZk3/acqzHawOPuoSCMg1DqXgq5sbHRZILhbi61NJGkt9oj+zbVR/mYtj7jhiTgAdadmK5zNFat34Z1ez+yb7TzlvWKW72sqXCysDgqrRlgTnt1reXwebXwZqs99BbvqcN5BBD5N6kpj3EhlYI5AOcfe5pdL/wBbpfqO9tzjKK373wR4h09Lg3lgsbW0Zmli+0RGRYwcF/LDbiuf4gMd80+60k2vgiO6k0mBna6A/tSHUklwChIiMSsdp75OD2o6XDrY52iup8I+ErjU9Z0mXUbaIabdXATE90kLTqCN2xSwdhzjKg88daisItAtdb16DWkxDHBcJYrmTicNiP7vPr97j1oejs/P8AWr+78Tm6KvaRo9/r2pJYaTbm4uZASqBgvAGTySAKpujRyMkilWUkMD1BoAbRVvTbFdQu/KkvLezjVC7zXD4VVHoBksfRQCTWh4s8PL4Z1z+z0uzdqYY5RKYvLyGGcYyf50PQNzEooooAKK2gdE/wCEIYEf8T37fwcv/wAe+z/vj7341saJ8NtV1e106aSK8tRe3DRktZMViiCBhKTkcHOAOM44NOwHG0VrWvhnVrxbp47XyorSTyp5bqRLdI3zjYWkKgN/s5zRB4Y1a4lukW1WNbMgTzTTJFEhJAA8xmCc5GMHkcjIpAZNFbsPgrxFPqVxYQ6ZI1zbIskib14RjgMDnDLz1GR36VG3hLWxd2lvHZee16Ga3e2mSaNwpwx3oxUAHrk8d8UAY1Fbf/CHa41xZwxWiTm+YpbyQXEUscjDOV8xWKg8HgnNR3/hbWNNsWvLy0Cwo6xybZkdoWIyFdVJZD7MB6UAZFFbM3hLWYLOa5e2iaO3KicR3UTvBk4HmIrFk54O4DHemHwxrC+I/wCwTZkalnHkeYv93d97O3G3nOaAMmiuisdJP/CHalfSaTBeYEbJepqSB7MFsfNCGydx4+YD1qtZeFNZ1DShqdvbRixLFDczXEcUakEDBZ2AHJGM9e1HWwdLmNRWpf8AhrV9Mt7ma/s2hjtbgW0xZ1+WQruAxnJBXkEcY709PC2sSXcVstpiSW0F6C0qKiwEZEjOTtQf7xH60AZFFdHpHhC6vPEljp981vHDPJHukS+g+eNn2kxtuIc8EYXccjGKS/8AB1/H4ifTdO+zXLSXTwW8aX8DyNgnG4K2VOBzkDnj2oA52ir9rouoXtrc3Ntb74rWSOOZt6jazttUYJ5yR2rQvfBHiHT0uDeWCxtbRmaWL7REZFjBwX8sNuK5/iAx3zQHWxgUV2XiHwfI+v8A2bw7ZBYYtOgup2eYKke5AWZnkbAyc9T9KxdP8KazqdrFcWdqrJOWEAknjjecr97y0Zgz4/2QeeOtHcSd0n/Xcx6KvXui6hp9jaXd5bmOC83+Q+5TuKnDAgHIIPGDg1q6RpljovjeKw8cweVaxZ+1R72O3Me5OYyT1K9Px70xnOUVZtLKfU9TistOiMs1xII4YwepJ4GT/M0l9Y3Om389lfRGG4gcxyISDtYdeRwaQ3o7FeirFjaG+vorZZoIPMbHm3EgREHcsx6D9fTJrX8TeG4vD8OlzW+oC/i1C289XEJjAGccZOSPcgH2FAjAorpNf0+xPhfRdasrRLKS9aeKaCJ3aPMbDDDeWYZDc8kccYol0iz1HwUNY0qIw3OnMsGow7ywcN9yYZ6ZPykdM8jFAdvM5uiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDq/EOkQ/2/eavZalpt3pssrXcbfa0EjBjuCGLPmBuduNuB3wMkdJ9ssl+J3/CZHVrL+ytv2gAXKef/AKvZ5Xkg792eOmMc5rzCiklZJLoD1d2ek2ZsdR1DwZqR1fT7a20yCGO68+5VZI3SUnHl53HOR82MAZJIArP8Zala3Ph6wgtb2GYrqt9K8ccobAaQbWIB6EZwa4airTs0+zv+Kf6AtP68rHpt1qWnXXxH8WRpqNosep6dJb21y0yiFnKIQC/QfdIyTjNZXhlrfS9N17RdROlyXd/DE9uJr1TBJsYsUaWKQBSe2WAyBnrzw9FStEl5WA9O8P621prlha6mNG0yzs7G8Fv9jv1lUGRckFzK+CSOBkdTXnlnfy27QxPLKbRLhZ2gDnYzD+Lb0zjIz71UooTalzf1u3+pPKmmu/8AlY6n4goYvH97dMqz290yXUDHOyaJ1BGCCCR24PY1J4zHm6L4avEPlQz2TCO0X/V2+1yCEJ+Ygnn5ixz3PGMW7167vtCtNLuxHLHZOTBMynzUU/8ALPdn7uecY4+nFLLr0tx4fg0m6tbaZLUt9muGDCWEMwZlBDAEE5+8DjJxStaKS6flYu93d9TLr1PQ9Z8N2Wl6I6eZHJZ2l/cCN9RiyrsCuxv3YJZgPl6EccNXllFPpYXW52sMcGp/DJrDT7i0hmXW2nW3u7+GN1i8oAElygbnjIAzzxR4AsTpnjiC6v7zTYILUyLLI+owYy0TAbfn+YZYDK5A/A1xVFNu7v8A1tYOljsPB7R6R4ln0nWrm1is9UtJLWeZLqOSOPcMqxdGK5DAd+M1v/2vpGn+J57kXcNxZeHNKFpYiK4VWuZmG0sh5zy7kkA4wDXnumaVdaxdC2sfIMxxtWa5jh3EnAALsMnJ6DmoLyzn0++ns7tPLngkaORMg7WBwRkcHmk9d/63/wA2C7/10/yOn1fVNH1L4fWdtZxTW91pt6UiiuLlZXaGVWZiCETgMo7cZHPNReM7u2uptANtcRTCLRraOTy3DbHG7KnHQj0rl6KpSs7+aYrHbfEKwOpeL9U1awvdNuLNwjq8epW5Zgsag4TfuJyDxjNcTUtxaXFoYxdQSwmWMSIJEK70PRhnqD61FUJW0GbmlWol8L6zOdfWxMflf8S4uQb35vTIzt69Dj261h0UU3uHQ634cwrD4x0/U7m6sra0tpj5r3F5FER8p5CswY9ewNUJNGF140j0+5vbaGO+ucC4gmS4VFdyATsYjPsSD64rBq5peq3ejXou9PeOOdRhXeFJCnuu4HB46jkU9LpvoLWzt1/r9SfxHoreHfEd7pLzrcG1k2eaowGGAQcdjg9KzKfLLJPM8s7tJJIxZ3c5ZieSST1NMqVe2pT30JrRrdbqM3sUssGfnSKURsfoxVgPyNeleLNY8PnSvESWbNPJc3FtbJ5d/EQ4iiO2RVCZ2A4BGTnsVry+r95omoWGl2Wo3dv5dpfBjbyb1O/acHgHI/ECm9v6/roJbnY+L/F6WXjC7uNAg05rhoI401SJnlkGY1DbTvMYPVchcjnvTfDV5fR29nZazqGjX3hs/vJYb66idoFK/NsQkTK4GQAo+9yMg5PA0U07AehateWWt6dpj+GrrT0k0d5rZbXUnhQNCzkxuBP8j/L1zyDg471zvjo2B8aX39kfZfsmItn2QL5WfLXdt2/L97PTvmufoqbAXtFiE+u2URvxpu6dB9sJI8jn7+QRjHXqPqOtGtxCDXb2IX41LbO4+2Ak+fz9/OTnPXqfqao0UwJba3e7uUgiaNXc4BllWNR9WYgD8TXZ+NrdZfDvh4wXunznT9PWG5SG/hkZH3dAquS3XqARXD0UPUNnc6DUvCy2PgvS/EMWoJcLfSPE8AjKmJlzxnPzdPQdutc/V/U9av8AVxAt/MGjtk2QxRxrHHGCcnaiAKMnqcc1Qo6sOiCvSPBt/wCHYdD0mG6Z4JjrUc0pkv4l2mOPIkIKZEZJI256/wAXavN6KabW39aiaud9dyW3iLwXPDps9rbTSa7JcmC+1GFHVWiALZbZkbs9B+eM1fvtU0rUPDt34Y03UrZriGwtIUupnEUVy8Uju6q74AHz/KTgHH0rzKil0t00/BK35Derv/Wp6n4d1TT9JfQ9MutUtPPsbK/aaRLhTFG0oBSMSA7WPH8JPJxXmS3c6232bz5Ps3mCUw7zsLgY3bemcEjNQ0U02pc39bt/qJRSVj0u9NtN8WrTxJDqWnPpc11bzeZ9uiDoNqg7oywcYI5yOKuXOtadJokCHUrVpPsutBl89Sd0hbZnnq2ePXtXlFFC0SS6X/EGr/h+B6zbS6bP8SIPEj61psVg1iqx77pPML/ZyhQpnKEEHlgB0GckCsSbU7Rte8BN9uhMNnb2wnPnDbAwmJbdz8pxjOa4GimpWkpdv+D/AJj6W8rfl/keka29hr0GmG31ewgh07ULxrsy3CghWm8wSImcyZXptzk4Fcz4+uoL3x5q1xZzxzwSTZSWJwysNo5BHBrnaKztt5X/ABt/kPuy9osQn12yiN+NN3ToPthJHkc/fyCMY69R9R1o1uIQa7exC/GpbZ3H2wEnz+fv5yc569T9TVGiqES21u93cpBE0au5wDLKsaj6sxAH4muz8bW6y+HfDxgvdPnOn6esNykN/DIyPu6BVcluvUAiuHooeobO50GpeFlsfBel+IYtQS4W+keJ4BGVMTLnjOfm6eg7da5+r+p61f6uIFv5g0dsmyGKONY44wTk7UQBRk9TjmqFHVh0QV6R4Nv/AA7Doekw3TPBMdajmlMl/Eu0xx5EhBTIjJJG3PX+LtXm9FNNrb+tRNXO8sLu01fw/wCMYbSWC0m1Ce2lggvb6JWciRmfDtsB7n2yBz1OLoWjXFr4qsTcXOmolvPDPI51O32BA/OG34J4PAJPtyK52ihaNW8vwVhy1ud1JqA0H4qyaq9xaz6feXswc293HKrwSMQ24Ixxw2cNjp7VpRa5o3hbxV4f0yG+iutM0xppZ7qE+YjSyhgG+XrtUoOOeteZ0Uloku39f15jerb7ndy3k+k29xZw2nh2CyurqETz2Opec7hJQysFadyB7leh5xWZ441QyeP9audLvi0Vw5j823myssZUArlTyp6Y6Vy9FK23z/G3+Qurff8A4P8AmetaoV0n4oR+INSvbWOysrKNhGbpGmf9wFCLEG38s3cAYyc1j3DW2taz4b1q21SwtbSxtbeO4WW5SOS2MJywEZIZ89V2g5ziuO1zWrjX9Va/vEiSVkRCIgQuFUKOpPYVnVV9fnf8/wDMTSaXpb8F/keh+J7m18bWtlJpF9Y232e8uhLDeXMduVEsxdZBvI3DB5xkgjpVrTr6z1H4xDX4tQs102F1ja4ubqOEtttwm4I7BiCR6d68yopBYtajZS2F40Uz27sfmBt7iOZcE/3kYjPtnNV4wGkVS4QEgFj0X34ptFEdCpO7ubXi22Fp4kuIhrg17Coft4ct5nyjjOW6dOp6fhWPGhkkVFKgsQAWYKOfUngfU02ihCZ3msWX/FsdKsVvtMe6srieaeGPUrdmVTyMAP8AMT6DJ9qw4fCyz+AbjxJHqCFre6FvJaGMggHGCGzz16Y6Z57Vz9X7rWr+80y306aZRZ2x3RwRxrGu7GNxCgbmx/E2T70d2HZf11KFFFFAHaeE7rQo/Cmr2+orKtxcyW0L4vY4zIplzlAyEqF2jcfm/wCA1tanregJqHizWDuma7YadFDDfp5kqk/PKh2HahVUA4buM88eY0UPX+vT+vmC0/r+vL7jvLrX9GnuvBuqw74G0+YW91HLMJZEihdCjEqq5+Vmwdo6Ec4rH8SaLK/ia7lt7zTbiG8vJGhlj1GAghiWBb5/kGO7Y54rm6Kb1/H8bX/IFoeg640Npf8AhPUXubC6t9LtLWO7SC+hlcMkhLKEVyW4PUAj3p2t6nJa3uuX2j2vh6W31KKVGvE1EmeSKXk/unnyH5GRs4I4GK88opdPv/EP+B+B2F5CmueA/D8VjeWIuNO+0R3EFxeRwOu596kCRhuBB7Zqbw3YlPBHiCCS802KbUYrf7NHJqVujPtk3NkF8rgf3sVxNFD1bfcFpY7IxRav4Bs9Ktb6ygvtMvJjPbz3ccSzh8YkV2YI2MEcHp+qpFDe+BZPD9tf6eL6y1I3DCS5SKO4UptykjlVYqcjryORkVxlFHfz/S3+QdvL/g/5nqmr+JrbS/CViNJ1O1udQ0uW0t3VXysvlrKWxyC8fz7cjg9jzWbp1/pPieKzfxNcW/n+fqE4t5J/JjeQpCY0Zs5RDhgDkfdxmvPaKrm1bfX/AIH+QuVWSXT/AIP+Z67omr6VpGnaLFeXGkWTpqsjSQ2F20ywB7dkV2LO/wDEwyVJUexBrC06K00TwZfWl5q+ny3s2o2svkwXSSYjVz824HB7kgcgYzjNef0Ur3d/T8Lf5ClFONv66/5nUeONUMnj/WrnS74tFcOY/Nt5srLGVAK5U8qemOlaEemsPhjLpxvdL+2Nqa3Qi/tS2z5flEZ/1nrxjr7Vw9FQo2jyl39656bYyafe+I/COstrFhbWNhZ28M6y3CrJHLGxBXy87sEkHdjaBkk159rDpLrl/JGyujXMjKynIILHBBqnRVPV39fxEtPw/A2vCVsLvxJbxHXBoWQ5F+XK+X8p4zkYz06jr+FY8gCyuA4cBiN46N702ihgWLKyl1C48mB4EfBOZ7iOFf8AvpyB+Ga634mrHc69HqFpeWV1bG3hh3W95FK25U5+VWLAcdcY964qnwytDMkqBSyMGAdA6kj1Uggj2PFG4bO5u+J/Cy+HrPSLqLUEvYtTtRcKVjKFDxkYyc9evHfgVz9XNT1a91m8+06lOZpQgjX5Qqoo6KqgAKB6AAVToAK9T0PWfDdlpeiOnmRyWdpf3AjfUYsq7Arsb92CWYD5ehHHDV5ZRR0sHW52TfZNe8B2mn6XdW9pcafezSNaXt3HEZUkxtfe+1WKgbT0PsKVIob3wLJ4ftr/AE8X1lqRuGElykUdwpTblJHKqxU5HXkcjIrjKKO/n+lv8g7eX/B/zPUJNZ05NN1WxXU7eSW18NxWHmCUBZpVkYssZP3wA2Mjrjjiub8G6uqxalpN7fCBLzT5ra0e4kxFDI5Ukc8IG24J+ma5Oih6tt9Vb8/8yVFJWXe/5f5HpvhC8s/D0ejadqep2QnfV/tr+XdJJHBGIXTLSKSgJJ6ZzgDNYmg3enyeGfEdvqt8sIu7yzLHeDIyeaxdlHVsA54zXG0U79/62/yKVkml/W/+Z6kBoukReKIrI6Ha2sunTQ2bwak0090PlxkeYVBPptVs9AQDVU6/YHwsniM3sX9uDTTpXkeYDLvzt87HX/V5+b14rzeipeqt/XX/ADY1o7/10/yR23huxKeCPEEEl5psU2oxW/2aOTUrdGfbJubIL5XA/vYqvqVzAnws07TvtUDXUOqTNJDHMrsBtwGwCePQ9D2rkaKGrq39b3F2/rpY7PT7k6/4Fv8ATp9Tg/tJtRhuM6hdrHvjEZTIdyAcccZzgcVr6lqhttftF0DUtH1CJNCgtJ47uVVhulHDKSxUKRw2Cytx+Fea0U3r/XlYOlv63udpev4f0fxf4evdP8q38p4ZtRgtrg3MUDBwTtfndxyQC2DxmrVmsGh/FaHWLvULCTTpNRkZZ7e8ilwr7sMVViyjnkkDFcDRR2+f4/8ADCaumj0PToLTRPDGsw3er6a9zdX1o6QwXaSHy0mPzZUkdycZyAMkDIrE8caoZPH+tXOl3xaK4cx+bbzZWWMqAVyp5U9MdK5eilbVP+tkv0G9W33/AOD/AJnrHiLV9L8RabJ4eg1G1s5ktLe4iuVnVYbt1iAMMrk4BH8OSAD1weudLqkF7Z+Hr/R7XQ7m40+0igYX9+1tLBLGc5CmaNWUk5BAPfPpXnFFV1b7u4krJLsrHp3ha+h8SW+pL4gMaDSb9ta/dfMhXJMsa9flJ245Oc153qeoT6rqlzf3bbprmVpHPuTmrn/CQTR6BJpNna21pFOV+0yxBzJcbeQGLMQBnnCgDNZNT1/r+uiGtv6/rqy9osQn12yiN+NN3ToPthJHkc/fyCMY69R9R1o1uIQa7exC/GpbZ3H2wEnz+fv5yc569T9TVGimBLbW73dykETRq7nAMsqxqPqzEAfia7PxtbrL4d8PGC90+c6fp6w3KQ38MjI+7oFVyW69QCK4eijcNnc6+6ZbL4X6X50SXn226uDEJgR9lK7QWQrgknIJ3ErwPl703w3/AKJ4D8UXlxgQzxw2kQb/AJaSl93HuoBNY+ra9NqtnZWQtrezs7IP5NvbB9oLHLMS7MxJ46ntxUd9rl1f6XZacwjhtLJSEihUgO56yNycsfX24Aoet/MFpby1/G5nUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAE1pB9pvYYMSt5sipiGPzHOTj5VyNx9BkZrpbzwb9lsZ7j7L4mXyo2fM+g+XGMDPzN5x2j1ODiuUooA7EeB8pn7J4q6Z/5F7j/0dUNl4N+12MFx9l8TN5savmDQfMjORn5W84bh6HAzXKUUATXcH2a9ngxKvlSMmJo/LcYOPmXJ2n1GTg11+myyaD8MJNY0pjDqN5qP2R7uPiSGIJu2q3VcnqRgmuKrX0nxHdaVYXVg0Fve2F1hpbS6Vim4dHBUhlbtkEe/aj7LX9bh1TJdJ1G81TxlpE+o3ElzMLuBTLKdzsBIMbm6secZOTjA6AVv/wBl2eq/ETxZHfw+asEd9PGNxXa6klTwR09Olc7a+IYrTVY76LRNNzDsMEX74LEynduyJAzHP98t2HQAVa/4TO5XxBJrFvpthBPOJVukUStHciT7wcM5wP8AdK0PX8fxGnZ691+BY07SNHk8G2Go6pvg8zW/s1zcxliyweWGOF5HGSc4J+vSrXiTSotMVr+18PabNpaXZSC8s76WeGVcH5JMSFg3K8jZyDwc8Zlz4yurjTLTTk07TYbK0uRcRW6QFlztwVbcxLA8k5yeevAArXfiSSbR30uysLPTrOWUSzJbCRjKw+7lpHY8c8Agc0Sd9v62/wAmJef9bnRePdQtj/ZEX9jWO+bRbYpNvn3QgqcBf3mMDtuBPrmtKXwhomn63/YeoRabFbrbhZdVl1ZEuFmKbt/lGXAXJChSmcc5rjbvxM+o6VbWeoabY3Mtrb/ZoLthIsqIM7R8rhTjPGVP40678UtqSo2raTp9/drEIjeS+ckrAcKW2SKpIGBkjOAM5py1v5t/qC6G5eW/h3QtA8NXVzoa3suoQ+Zdu9xKPkVyDsVWXDEHqTjjpzmuMvTbG/uP7PEotfNbyBNjfsz8u7HGcYzirup67c6rp2m2VwkSx6bCYYSgILAnPzZJyfpisyl1fq/zFG6ik+yO1+F2pyW3jTTrOGC3BuLj95cGPMu0I3yBj91c8nABPQkjiuU1T/kMXn/Xd/8A0I1f8PeIm8OXsd7babZXN3E++Ka4MuY+MYAV1U/iDVzRdXtZPGtnq05stFjt5Vnk8uOaVZCGycKS53HPqF47UWvJf12C9k/67nNVq+GNQsNL8TWV7q9obuzhfdJCFBzwcHB4ODg4PXFL4o1eHXvFOoanbW/2eK5mLpGcZA6ZOO56n3JqhZXX2O7SYwQ3AXIaKddyOCMEHoe/UEEdQQaIt6McktUdf4mh1XUNLuNTg8Rr4l0eO4VpGcsslsx4G6N/mjVixA2HBwPQYo+IbPT/APhD9B1Wy06GxnvXuFmWCSRlOxgF4d2I796py+J5Dpcmm2Wm2NhZTyLJcw24lP2jaQVDM7s2B6KR1NSX/isX+iQaW+h6bFb2vmfZzG1xuhLnLEEynJyP4sil6Dvd3f8AW5o2y6Uvg+61bVPD9hFv/wBG08Ry3Ieab+J+ZSNqjrxgkgcVp2vhjS9Pg0OPULPT7qPULdLm8urrVUt5IVk6CNDIv3Rzkq245HtXO3ni1dQtbW3vNA0uRLOAQQYa5XYvrgTAZJOScZPeoR4neXT7W01TS7HUxZoY7eW581XSP+5mN0yoOcZzjJqtNSVsPtR4e0zVtZttVhm1KBEmhsJreQAeYGwkhIIBGBnuOehrArX0bxJdaDJqDWEFti/tntpEkjLhEbrtyc8e5Pvmsil2KOi8J6bbNJca3q8e/TNLUSOjdLiX/lnD/wACPXg8A5rsdZ8VJp3jnS9b1QzK114fj3PaINyPIjfMoLDoTnrXndhruraVC0Wmape2cbNuZLe4eME+pAI5rQ1Lxhfa3dWc2uQQ6ilpbiCOG4km2HpmQ7ZAd5wMnPOBxTeqt/WzuT/X4qx1GnJFNfaLr2teIbjWNGa4ktgdVDZtbjYSu9CzjbwhyD9elWI4tQv/AAlqk/iS4t/EFxaX9tJaRxXi3LnfKFdFKFtquOAvt93iuKvPEst6lnbSWFmmnWZLR6fH5ixFj1Zjv3sT6lvpRL4ovAlrFpsNtpcFrMtxHDaIcGVSSHZnLMxGcDcSAOgFCavf+t1/X3XD+vzPRdXF06eKYo9QbV4zbbE0IFSdOyQd23cVHlYC/ut3J521U0tYtB8Pa94ZiVGuxost3qUuAWWY7QsWfRFY568sa5OXx7feff3Vjp9hp99qCFLi9tVkEjAkFsbnKqTjkqAajsfH/iaxW6H9r3lx9ogaHNxcyP5WcfOnzcMMcH3NLo15f5/13K63ObrpdI8Kf2npkV39n8QPvz81lo3nxHBI4fzVz09ODxXNUUCOrt/BvnT3Mf2XxKfJkCYj0Lcw+UN8484bTz054we+AL4N3ahLbfZfEvyRo+BoWZBksOU87hfl4OeTngY55SigDY1/Q/7FNv8AutVj87d/yEdO+y5xj7vztu689McetY9FFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUV1d54y+1WM9v9q8TN5sbJifXvMjORj5l8kbh6jIzUw8c4TH2vxV0x/yMPH/AKJoA46iursvGX2Sxgt/tXiZfKjVMQa95cYwMfKvknaPQZOK5q7n+03s8+ZW82RnzNJ5jnJz8zYG4+pwMmjqBoNoe3wemu/aPvXxs/I2dMIH3bs++MY/Grd14PvVn0+HT2+1teaauoyFtsSQId2dzs20AbfvEjrirlh5Oq/DdtJt7u1ivoNU+1GK6uEgDxtGFyrOQpII5Gc1rz6y8Os2ttol7pV39j0WPT7uK9lVbe7IY71V2KqQCQQdwzjgnoW7Xdv60/zF/X4/5HHf8I7qh1S306K2E9zdDdCLeVJVkGSCQ6krgYOTnAwc4xU7eEdaFzZQpaxzG/cx2zwXMUscjDqu9WKg+xNdlYXPhjSPEAjtvsVrLqGkSW1xF9qea1guHxgecpztIHJDHbnrwai0PVZNN1jRLK7t9B03TV1Nbp3s9RWba4QrliZn2rg+w4FCSbX9dbCk2otr+tLnK3HgzXrVGaayUFJI4pEW4jZ4mkOEDoG3Jk9CwA5FF74M17T7e5lu7EJ9kG6eMTxtJGu7buMYYsFz/FjBHOcc0+HUni8bSsl6yWlxqSvMRLiORRNuBbnBA65P1roP7Us38XeOp5L6Ax3VldJbyGYESkuu0Ic/NwOAOwqYtyin5N/ci7aten43OXh8KaxcWbXEFtHIFh+0NCtzEZhHwd/lbt+MEHO3oQelXI/h/wCJpYEmTTf3bKrhjcRABWXcGOW4XHc8Z468V2uhx+HdE8T2s+mzaKmnC0IXUJ9RY3MrtC2QYw+1DnjDIB75IFSXWuaa+l6gg1O1Zm0/So0UXC8lHy6jn+HqR271dlf7v1/yIbaXy/yPPIPCOtXE1xGtrHGbe5No7T3MUSmYEgxqzsAzcdFJ/Worfw1q1xcXkItfJaxIFy1zKkCQknADO5Cgk9BnJ7V3viDU9O1q1eCwi0W/ms9UvS6X181uGWWZmSSNhLGrggYPJI47GslNe1bUNU1p7tPD9wt60SXenz3iJE2xQFkjkMgGQBjKyE5bp6J72/roO+hxd7ZXGnXbW12gSVQD8rhgQRkEMCQQQQQQcHNV62/F0Gj23iKWPw64NptUlVlMixyY+ZVc/eUHo3eq2h6r/Y981x5moR7oymdPvPs0nUHltrZHHTHp6UlqU9DNorq7jxl581s/2rxKfJk35k13ew+Vl+Q+SNrc9eeMjHOQXnjL7VAI/tXiVsSI+J9d8xflYN08kc8cHscHnGKBHKUV1d74y+12M9v9q8TN5sbJifXvMjORj5l8kbh6jIzXKUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRXW+J/EOsXHiTUNJiupLawWd7SOwX5YI0DFVHl/dyOucZzz1ArXTQNAHj3/AIQxtN3jBgOp+fJ5/nbd2/bnZtB+Xbt6c5zSTuk11/r/ACB6Oz6HndFdpLoGmLrngy3Ft+61OC3e7XzG/elpSrHrxkDtiresab4f0DRbe7OireXE2pXduFluJRGI45QB91gdwGADnHJJzxVcrul5tfc0v1D/AIf8LnCwWlxdCU20EswhjMkhjQtsQdWOOg561FXqlpbaf4e8Q+MtKtNLt5IbXS5nWSWSUu6Hy28tsOBtG7GQA3A561znh7SrLXLfV9XfTbGKPToY1jsftbQQySSMVDPJJJkAcnAYZIAGO63Sa7X/ADA46ivS9M8L+Hb/AFrTftEFsDPY3L3lhY6gJ1heMfK6ursRuByASeh61yVzcaJqtrDb2GlHTL9rwIpileSNoGGBuLsTvBxyoAIJ46ULV2/rewuZWbfT/K5mSaXeRaTDqcsJS0nkaKKRmA8xl64GckD1xjPGc1J/Yt8NFGqvEkdmzFEeSZEaQggHYhIZ8ZGSoOPwrc8fyNJ4yk0qAhLXTQllaxs4CoqgDkngZOSSfXml8ZAWui+G9NYfvrWydpGQZjbfIWG1x8rj1KkjPfrSumrrr/X9epVtbMwBo98dCOsCD/QBP9mM29f9Zt3bcZz074xVjTvDWq6rbrPZ26eVJJ5UbTTxw+a/91N7DefZc9R61WGrXo0U6QJv9BM/2gxbF/1m3buzjPTtnFen6n4SsZriCPU5rtYLG2eG1S1kVPKS3hDyyNlWyWkbGBj1yeBTdtX/AF5i3aSPJpI3hleKZGjkRirowwVI6gjsabXs2uXGkSw2cGuzRwtZNNq0W4geeftEu+IZ6ljt49q57X7W61bxRqerS6NaXwaGzaSe9u/s1vEzW6EjO9MsSRgbuBng5BFONm12dv6/EhSTSfdX/r5NHnVW9N0u81e5a306HzpUjaVl3BcKoyx5I7V6LL4T8O2V/q1xcae09rFo8OpRWyXZIjdm5RZFJ3LxjPPB49aqeCJ9J1LxBANMsV028bT7xLtRI32c5Q7GUuzMOCd2TjgY71PddbP9f1RV/wA0vvt/medUV6NH4a0S18d6P4Un0152DA3t7LJIv2klCcRgMAIx2OMnHXrnntN0mxn8I+Ir24iJnsp7ZYJAx/dq7sG4zg8AdaFrqv61S/UfS/8AXX/I5qiu58SaDZR6bdXPhzS7S+0mGOIpqdreu88ZIHM0ZY7c4bI2Lgkc8YPW6tqVxp3j65m1zVoD4cW1QTafNeJL5oMS4VbfcWDF8HO0dznHVXGkeM0V6Ja+GNL0+DQ49Qs9Puo9Qt0uby6utVS3khWToI0Mi/dHOSrbjke1Z1hoMdrJPJ/Y9jqenLfvAl/e6kLZJkU4/dfvEBJAJz8w5HAwc1Z3sTfQ5GC0uLoSm2glmEMZkkMaFtiDqxx0HPWrGmaVdaxdC2sfIMxxtWa5jh3EnAALsMnJ6DmvRbK1sPDmv+MdIttNt54rPS5mEszy75EOxvLba4GPmxlQDx1riNIuYrvxnpEkFjb2K/bIB5Vu0hXPmDn52Y5/GhWbXmv8wlon5GZc2FzaalLYXEey5ilMLx7gcODgjI461Lq+j32hanJp+qweRdRgF496tjIyOVJHQ1qeJbiO2+IGsyz2kN4gvp8wzlwp+c/3GU/rW/L4a0j/AIXNb6Gtnt02Qx7oBK/eEMfmJ3dfepjql5lStFy8jz+iu3g0vQtb0PU5bXTzp39n3ttDHOsryPJHI5QmQEkFuN3ygc8YrW1rw1pej2XiVb7w2lhFZIsWmX0002blycZHzhXYjLfKMLjkHpT2V/62T/ULO/KefjR746EdYEH+gCf7MZt6/wCs27tuM56d8YqlVwatejRTpAm/0Ez/AGgxbF/1m3buzjPTtnFWdPuNEj0DU4tRs7ibU5Nn2GdHwkWD824Z7j2P4daH1sLsZVFFbvhi58QzXi6R4YuJoJ7uQEm2PlucD+KQfNtAycZx3xTSuxN2VzCorpfiDd2F742vZdMMTx/KsksIwssoUb3H1bPPfr3rmqlO6KasFXdR0e+0lbU6hB5IvIFuYPnVt8bdG4Jx9DzVKup8N3M/iPxlokGsS+fBZIERSijEUSs4Tgc9COeeaenURmyeFdYhsWu5LQBEhE7x+cnnJGf4zFu3heRyVxg56VkV6wPD0EFxfane3F3Lq8yGO4fzR5LSXFvI7JtC5wqYGd3J7DGK2v7S0v8A4WQNTilj/tY339kNbHG4ASczY648sbM+tVy7etvy/wA0Tzb+ST++/wDkzw2iu68LeHY7ptJi1bQLT7LqD7TdXOpeTO4LbQ0UZkXIGRgbGyQeTkAOv9I0Tw/4P+2y6Wuo3o1S4sleeeRUKoeCyowJOBxgjrznGKl6b/1ql+o7/wBfe/0OV0fw/qGvzGHSkglmzgRPdRRu3BPyq7AtwD0zWcQVYg9QcGu38GyabN8XrCTQ4ZoLB5GMUU5yyfujkZycgNnHOcYzzWdoml2P9g6zr2pQfbBYvHFDas7IkjyEjLlcNgYzgEZPejzH0/rzOYoru7fSPDN1N4Z1O+jGmWWpGeO5gEz+SJIsBfnJLKjFhkknHPI61p+H9Pn0TxNa6q2i2tkkNneTw3NhdNPb3ASM4Kku/I5/iGQRwMcu1t/MSd9jzGivXbSz0nUtN1PQNBuo2t9XaC9mdMEwCS6iVYuOhQFuPcVzKafoOp3fiDS7bSvsh0y0nmtbxZ5GlkMI58wMdp3Yz8qrihppJ9/03FzJtrt+uxxFFega/b+E/D+s2Fjc6E8ltPYxzXM6XEhlRnj4MQLhRg8nduBz2AqS18MaXp8Ghx6hZ6fdR6hbpc3l1daqlvJCsnQRoZF+6OclW3HI9qLfnb8/8hp3SfzPO6K7vUNN8PaB4bsroadHq881/dW6zPcOIpYo5AA/yMOcYwQcckkHirHibwxo3hKLUb77GNQ3ah9ktLa4lcRxJ5ayFjsKsx52j5hxycml0v8A10/zQ/6/P/I88ors9TjuNG1fT/8AhDBcWb65YQzLDE26WJmdgY0k++BlfXJHXNWPGeq3GmeINOWyuUfXbXT0tr+7iAdzPggjcR98DA3j5u2eKNf6/r+riTT/AK/r+kcJV3UdHvtJW1OoQeSLyBbmD51bfG3RuCcfQ811fjl5oPD2hWGuym48QRLJJdPI++WKJjmNHbqTyTgnj8a5PUNWvdVFqL+bzRaQLbw/Iq7I16LwBnr1PNBXS5TorVv7jRJPD+mxadZ3EWpx7/t07vlJcn5doz2HsPx61lUdbC6BRXf/AA+1HVpr1Jb68MXhrS4W+3RthbdkZWG1kAxI7E9wWP5Vwc7I9xI0KbI2YlUznaM8Ch6OwLVXGVNZ2k9/fQWdonmT3EixxpkDcxOAMngcmoamtLqaxvYbu1fy54JFkjfAO1gcg4PHUU1a+oE0mkX8esvpJtna/SUwmCP523g4IGM5/CptS8P6jpMCz3kUZhaQxebBcRzIHHJQsjEBsdjg11fga1u/EF7rl6bgLqF3stvtBUfIZ3PmOAMYOxX6Y607W9O0PRfC8HkxalNaX00Vy0L3aK2B9oSNg3lYGQCSNp6gZ7lLVL+td/yE3q7HKXfh3UrDTo729iht45I1lSOW5iWVkY4DCItvIPrt6c9Ky67z4lPYT+K5LeGyvnv2gtljcXSsmDGmFEfl5Jwcfe6847VMfC1tNpeuRX+i2el3On2ZuYGg1ITTgrjKyx+Y3UEZIRMH0zih9X6/gPt52/E89orrvENro/hm6j0Y6St7cLbo9zeSXEivvdA37sKQoAzxuVs96u23hXTdYuvC13YQGCwvY2XUBvYhHh5lOSSRuXkUCOEorub2Hw3YeF7DV4dDW5kv765SOOa4lCLCrjaDtYHcFIAOe5JzxVnxF4a0fwrHq18LL7eq6kLK1triVxHEDGspZihVmPO0c+5zR0v/AF0/zQ/6/P8AyOI1HS7zSZootQh8l5YUmQbg2UYZU8E9R2qoBk4Fesa3odrqt/catcW9vIlho1l5NnLdeRCzyAhd0jOCFXBONwJOBn14zxXp2m2lnpd1p/2OC6uEcXdnaXq3KQspADBg7EBgc4JPQ0bSs+7/ADYLVJmPq+kX2halJYarB5F1GAWj3q2MgEcqSOhFUquarqt7reoyX+pzefcyAB32KucAAcAAdAKs67caJcfYf7As7i12WqLd+c+7zJv4mHJ4/L6CjoMyqKK799Tk1L4O6iWgt7aKHUoI4obePYigJ17kk9SxJJ9elJ6K/wDW9hdbf1tc4CiiimBc0nSb3XNTi0/S4fPups7I96rnAJPLEDoDSWOmXmp34s7GBpZznKggBQOpJPAA7knApdK1W80XUor/AEybyLqHOyTaGxkEHggjoTXZeDdIS+8I6jLLM8MV1cFbuWMDeLeGMyuq+hZig/ocYodkrh5HH6lo97pPkm9jQJOpaKWKVJY5ADg7XQlTg8EZ4qjXdeJbO00KPSdPtLB79Nzv9kvpXcrLLFAxUGLyycZAHvmqPioaTpGoWVlb6PY/bLVN2orHNOYmkP8Ayy5kJ+UYyQ3Jz0xim1YSd1c5Oiuu8RxaZpej6dDJolnbaxORczxxSz4hhP3I2DSN8zDk9CBjuc0uox6XbeC47u70KytNR1Fs2SQS3G6OEH5pWDysDk8KMdieaT0uM5Crd5pd5YW1pcXcPlxXsfmwNuB3rnGeDxyO9VK9Vn0Wyn8DaJrurQvfWum6XzYwuQ8rNI2CxHKxju1D0V/62Yr+9by/Vf5nlVW10u8fR31RYc2UcwgaXcOHIyBjOeg64xW1q2nWK+DdF1S3tEt7i+urkS7HcrtVl2qAxOAASPX1JrstftNH8O+HfEFqumie0t9YhW3tWmcJvNvnLMDuIGScAg5xzih6K/8AXT/MpK7Xnf8AC/8AkeUUV6D/AGD4bXXrV5hDaxahoq3traXdw6W4uGyNjSZ3BflLDLDJwM+uJqdtqOg69aMkH/CMTTQgie2upHiKtn50dS7bcYyAzc59cBvR2f8AW/8AkStVdHM0V6kdHTxZaeG4r/UG1OGIXIu9XiYl22gyCHLjfkAEguoGG4zWJpNjofiXT7yePR006Sxu7YqsE8rrLFLMsZR97E5Gc7lx9KLXdgcklc4iro0e+OhHWBB/oAn+zGbev+s27tuM56d8Yrtb7R/D9xqnirSrHSfsw0i2mnguvtEjSFo3AKkFtpXnA4zgDJJ5riRq16NFOkCb/QTP9oMWxf8AWbdu7OM9O2cUr6f13/4cq1nZlOitXT7jRI9A1OLUbO4m1OTZ9hnR8JFg/NuGe49j+HWsqjqLoFFdr8LtTktvGmnWcMFuDcXH7y4MeZdoRvkDH7q55OACehJHFcpqn/IYvP8Aru//AKEaT0aX9dP8wWt/67/5FWiiimBd1HR77SVtTqEHki8gW5g+dW3xt0bgnH0PNWpPCusQ2LXcloAiQid4/OTzkjP8Zi3bwvI5K4wc9K0vDdzP4j8ZaJBrEvnwWSBEUooxFErOE4HPQjnnmuuGh2VjcX2s6vLeXGoshF5+9AhkM9vJI8YULuAVMDO7qegxiqUeZ2Xf89iZOyb7K/8AmeUVftdE1C90i81O2t99nYlRcS71GzccDgnJ59Aa74/DOL/hJy/SxGsi3NlhifsxOQ+/Ocfw+vfNc3pNpp2oeBdduJdNgS802OAxXSSS72LyYO4FyvTjhRU6OPMV9vl/rsZOn+HtR1SynurBIJY7eN5ZV+1RLIqKMs3llgxA9QKrx6XeS6TNqccObOCRYpJNw+VmzgYznse1dF8P/wDj617/ALAd1/IVs+A9BHiTwPqWnPOIEfUYHdv4iqoxIQd2IHAofX5fnYV9vV/lc85ortlstDms9b11NGMNppjR21vp0s8mZJHLDfMc7sjGdqlRkAepOhD4Y0fWvBp1LTdMMGo3VpI8UCTOyRPDNGrlNxJwyydGJxjiha7f11C66nnNX9V0TUNFa2Gp2/kG6gW4h+dW3Rt0PBOOnQ8102veEIfCmnXNxP5WpeXf2yQSuHRJo2ikZxhW6bgBwc/LwRmq3iTRbM6j4di0u1isTqtjBLIiu7IJJHIJ+dmIHTvT7WBPd9jk6K6fxMdF0vU77RbHRxi0YwC9kuJPPaRTy5GdmCRjbt6dwatWy6Uvg+61bVPD9hFv/wBG08Ry3Ieab+J+ZSNqjrxgkgcVN7q6Ks72Zzdro99e6Ze6hawb7WwCG4k3qNm44XgnJyfTNUquW2rXtnpt5YW02y2vgguI9infsOV5IyMH0xVnQrjRLf7d/b9ncXW+1dbXyX2+XN/Cx5HH5/Q0/QRlUUVueEdTk07xBaiCC3aWe4ijE0ke94RvGSmeAT03YyOxFNK7sKTsrmHRXR/EH/koWtf9fTVzlRF80UypKzaCrtzo99Z6TZ6lcQbLS+Li3k3qd+w4bgHIwfUCqVa9jc3muTaNoNzcE2kdwIoECqPL81xu5xk8+uatK+grpasLbwrrF5Zx3MFoCkqM8UbTIssyqMkpGWDuODyoPQ1kV7FLoVm/ic61dzXS3UDJc2qwOqxQRC4WGCMrtJOQpJwVx0x1NcteW/h3QtA8NXVzoa3suoQ+Zdu9xKPkVyDsVWXDEHqTjjpzmlpZPv8A8H/IV9eX+un+ZyumaJqGsrdHTbfzhZwNcT/Oq7Ix1PJGfoOafo/h/UNfmMOlJBLNnAie6ijduCflV2BbgHpmt7w5aaLqs2vWo0xZILeyuru0uZpJFnUL9wMFfYcA8/L171D8M/8Ako+k/wC+/wD6LajrYb0VzliCrEHqDg0ldX4V0G31K11rU7uOG4GnIgitri5FvHJJIxUF3LLhRgnAYEnAzW7aeHfDl9e2No8VlDfapZzxC3tNQ+0JaXKY8twyu3Dj+FieaNhysm0eb0V6N4W8LaJJaaZb69ZvLe332q5YCR0aKCNGVRgHGS4JB/2fSpNd8O6EPDMk+maMYbyXS7S+jKTyuUeWZI9iqScjG7rk5bjGKdtbL+t/8mTeyu/62/zPNaK9CPha2m0vXIr/AEWz0u50+zNzA0GpCacFcZWWPzG6gjJCJg+mcU3X7fwn4f1mwsbnQnktp7GOa5nS4kMqM8fBiBcKMHk7twOewFJ6f16/5BfX+vL/ADPP6tzaXeW+l22ozQ7bS6Z0hk3A7ymN3GcjGR1rrtG0PT9Q8O2DaPp1nrWou0v2+2mvWhuYwOR5SB1BG0Zzh+T04xU01zYWHwz0D+0tKF9L9rukSKaV40Qb13E7CrFuABzgZOQeKdve5RrX8fybOAqaztJ7++gs7RPMnuJFjjTIG5icAZPA5Nd54h8JaVDaeIbTSLdv7Q0i9jkU72ZpLaQDC4zg7WYc4zjGawfE0Vr4b8U21voeIrnS44lmmBLh7pfmd8NkDDcY6fLSi1o3/X9fmHp/X9fkYV7ZXGnX89leR+XcW8hjkTcDtYHBGRwagqxc3kl/qUt5fsZpZ5TJMwwpck5PQYH5Vc8RT6Nc63LL4btJrPTyF8uGdtzA4Ge5757n+lGtlcbtd2MuinROI5kdo1lVWBKPnDexwQcfQiu78UahLqfwu0G5nSKMtfXAWOCMRxxqOiqo4AH/ANc5PNJ6K4lq7HBUUUUwLumaPfaw1yNOg842sDXM3zqu2NerckZ69BzRpukXurySJYxBxEm+WR5FjSNfVnYhVH1NJp2rXukm5OnzeUbqBreb5FbdG33l5Bx06jmu50TQYrr4eW/nvKLWaSS8uUgYLJO4dYIIwxBwNxY5wfpyKej0X9P/AIYGzhdR0y70m6FvfxeW7IsikMHV1IyGVlJDA+oJFVK7PxdcXHhjXoLLw/qV9bx2ls9qsqzlJGVbiXIJXGRuz29K3dW06DWr+y1LW2luo7DwxBeyoZSGuXycKz8kAk8nr/Oj7PN0/wCA3+gr62f9a2PL6K7GPSbHXPDtlqWm6K0V5/ai2MtlZzOVuFZC4ILlypwpBOSO9bFp4Ktdb02RJ7Gx0m+gv4ICdPvxcqUkfaQ6+bIVYYJHTPTtRZ/18v8AMOZb/wBf1oebUV26afoOp3fiDS7bSvsh0y0nmtbxZ5GlkMI58wMdp3Yz8qriuIqU76j8jR0zQtQ1eGeayhTyLYDzp5pkhjTJwAXchck9s5qjNE0E8kTlC0bFSUcOpIOOGBII9wcGu8tLjRl+E90WsNQMP9qRLIi36BmfyjyD5OAv+zg/Wo/CfhrR/GOnywQ209hcafN501wu+Yz2xJ+TgbfNHQYUbvTg1XVh0T7/APB/yOEoruRF4abwtquvpoH3NSW3s7Z7mXaqmM8OQ2T0LHBBzxnHFQ6tHeaPrGmJ4OnvdN/tuyt7gWtrdOoEjkrtznJGQcZJ60lq7f1rqG39dnY4wDJwKu6vpF9oWpSWGqweRdRgFo96tjIBHKkjoRXSfETVXn1S00b7ZLfLo0XkSXMshdpZzzK2SScZGMdttc1quq3ut6jJf6nN59zIAHfYq5wABwAB0AounsP1KdFauu3GiXH2H+wLO4tdlqi3fnPu8yb+JhyePy+grKoEFFd++pyal8HdRLQW9tFDqUEcUNvHsRQE69ySepYkk+vSuApdWv62uHRP+t7BVzSdJvdc1OLT9Lh8+6mzsj3qucAk8sQOgNU6uaVqt5oupRX+mTeRdQ52SbQ2Mgg8EEdCarQBLHTLzU78WdjA0s5zlQQAoHUkngAdyTgU/UtHvdJ8k3saBJ1LRSxSpLHIAcHa6EqcHgjPFdh4N0hL7wjqMsszwxXVwVu5YwN4t4YzK6r6FmKD+hxiup06LT/Cem3OEuHs7e0LXENw4kZBP9l8xAQqgjafShK912/y/r+rCbV1bq/1seMUV6bqltav4Ug8OaGP7Xt7TV7cbrZxm6eSOZmw4yPu7VzjjaapyeGLK48PXV1d6ZY6feWN9BGyafqH2hZEkfaVcea5Ugg85H6U7f193+YuZWbfQ8+rTufD2o2mjpqsqQNZPIIhLDdRS4cruCkKxKnHYgV0vipPC2j+ItY0VNDeJII2W3uY7iR5RPwy5DNt8vnBGC2Oc5qpH/yR2f8A7Di/+iTUXTjzLyLt71n5/kclRXcyaXoeiapoej3ulrqD6hDDLdXTzyK8Zm4AjCkKNvX5g2Se1Taxo+g+F9Ft5JdKGpXbald2haeeREaOKULkhGHzY4GMDk5B4qrNu3y/GxKd/wCvK5wFFbnjPSbbQ/GWo6dY7hbwyDywxyVBUNjPfGcVtfDqSSK28SvDe/YJF0slbrc48o71+bKAt+QJqU7x5vK/4XG9HY4mpIIWubhIYygaRtoMkioo+rMQAPcmuz0jTW8TeIJP7Z17+3rfT7GS7ObqVA20j91vnC7ASRk9Md89KfiHTNNi8MW99HHp1jqQujDJaWGorcrJGVLCTHmOVwRtPOOlPbcDD1bRb7RJYY9RiRDcRCaIxzJKroSQGDISMcHvReaJqFhpdlqN3b+XaXwY28m9Tv2nB4ByPxAre8cHFv4XJAYDRIOD3+Zqi8Q2en/8IfoOq2WnQ2M969wsywSSMp2MAvDuxHfvR/mO2q9P0ucvRXp02geGm8eQeFoNGKC6tgWuzcyF4pGhDgoN23aCMkMGySegAFVbXwxpenwaHHqFnp91HqFulzeXV1qqW8kKydBGhkX7o5yVbccj2p2/r7/8if8AhzzuirWp28Nnq13bWs63EEM7xxzKQRIoYgMCODkDNVaS1GFFFFABRRRQAUUUUAFFFFAG9qfip9XaSe90nTWv5Y9kl8sbiRjjBYrv8vcR32e4wcGrB8c35n+2izsRqvk+SdTEb+fjG3ON2zdt+XdtzjvU8vgu3ePV4dN1Zru+0aIy3Uf2QpEQv+s2SbjnaePmVc44qjqHh6z0SBItZ1GWPUpIRKLS2tRIIwygqJHZ12sc8gBsD8qWlv6/ruPr/Xl/wCew8dX1gmnMLHT7i50xfLtbqeJmkRN27b94Ke4zjIBOCDzVHVvE15rFlBbXMcCJDczXKmNSCWlbcwOSeMjj+tO0s6IPDWs/2kM6piH+zzl+u4+Z0+X7uPvfhVTS9E1HWvtP9l2rXH2WEzzbSBtQdTyefoOTVbO/b/h/+HEtFp/XT9bGn/wmuonxRe628Fo8l/E0NzbtGxhkQqFKkbs9geDnIqC18TPYz3P2PTbGKzu4fKubD968MwGSCdzlwwPIKsMEfWsStTQdGj1m+EM+oW9jEGRS8h3OxZgoVEHLHn2A7kUkuiE3ZXZasPFLaVqgvtK0qws38iSFkQzMrBxgk75CcgdMECsJWKMGUkMDkEdq0fEGk/2F4hvdL87z/sspj83Zt3Y74ycfnWbSi0/eQ2rXTOo8X3Flrkdt4jtbmIXV2Fiv7MkB45lUAuq90YDOfXNP1uWLVPA2gSWtzbF9NilguYGnVZVJkypCEgsCCOVBxznpXKVt366NJ4Z0WPS0LawzSi+A3kn5v3Ywfl6f3fxp2urLv/mC31MSvVL3xTdXmLvTptBmsLm3keVb+4CTQb4wJoSgcOcsmQVUk5GDjIrLg8M2UOrx6P8A2Dc6hbRSC21DWYxL+4mIG7YVOxQhI+8CTg9Miqcnw6mjvtFiOoL9n1K386e4MPFnhBIwbnBwrAg5Gc07PdCuk/T+vvMPxF4lvfE1zBPqEcCPBEY18lSoILM2SCTzlj0q4vja8eyks7+xsb+1kaF/JuFkwrxRLEGBVwclVGckg+gqKXwfqLaxe2NkYJVtr2SzSWe4it/PdWxhQ7jJ6cDONw9RUdr4O168F2YdPZRYyeXdGWRIxCcE/MWIwMA8nj3ou0rfMNNPu/r7i3dePNTu1uhJb2Si609NPcRwlAsanIKgHAP4Y9AKytE1u50G+e6s0id3gkgIlBI2uu0ngjnBrR03SX0rxVY6dr+lW9yl68IUSTMVMcjACRHicBuM85IqLVNBln8b6ho+hWbyeXdyxwwoSdqqxHJJ4AHUk8dSaVtfW/8AX4j8/T/gfkPg8aapBBpKgQPPpEm61unUmVU/55E5wU9iMjoCBT7nxpdS6Pd6XbabptlaXciTSJBCxJdW3Zy7MTngYOQAOAOc1/8AhDtca4s4YrRJzfMUt5ILiKWORhnK+YrFQeDwTmnnwXrqGHzLRV824jtjidGMUj/dWRVJMZ9mAp7/ANf15C0X9ev/AARH8VSrY3ltp+mafp325dlzLbLJukXOSuHdlUE84UDoO3FU9d1q48QaxLqN6kSTSKilYgQvyqFHUk9B61d1zRNL0e4u7JNXlm1CzbZIjWWyJ3BAZUfeScHPJVQcHnpli+Dtde185bHkw/aBAZoxOY8/f8nd5mPfb056VOlrlarQUeJ3l0+1tNU0ux1MWaGO3lufNV0j/uZjdMqDnGc4yakg8XTxaTb6fNpunXUNpLJLafaI3Y25fkgDdhhnnDhvfNVtO8LatqsMUljBE5mDGGJrmJJZQuclI2YMw4I4B5BHan2nhHW73Tf7QitFSzDtG089xHCiMCAQxdhtOSBzjPaq1uIsHxrqLeKL3XHgtHlv4mhubZo2MMiFQpXG7IHAPB6iq1pr0FlqqX9voOnBoyjRRl7gpG6nIYfvck9OCSOOlIPCms/br20ktBBJYY+0tcTJFHFk/LmRmC854557ZpP+EW1n+2JdMayKXUMZmlDyKqJGBneZCdoXH8WccjmktLWAffeIYtR1h9RutC05pJWd5kD3AWV2Odx/e5B69CBz0q/P48upvEtvry6Vp0WoQOG8xBNhwE2AFTIRjGOmDx1rK/4RzVG1W306K2E9zdDdCIJUlSQZIyHUlcDByc4GDnGKh1DR7zTEie6ELRykhJLe5jnQkYyN0bEZGRxnPI9aLWB63uanhnxC2n3Rs7iVbayvby3mublELSQiOTcGTqO56hvpXSaxBotze+IrzU7bQ4oWSeSyubLU2lnmmLfuz5aysOScnKKB7V5zW1qJ0T/hFtHGnj/ibZm+3nL9N37vr8vT+7+NN6r+v60sPVvUxa1dP8RXem6BqekQR27W+pbPOZ48uuw5G05/nn2xUP8AYmo/2D/bX2Vv7O87yPPyMb8ZxjOfxxjtVCl5C8wre0HxXPoGm3tnBp9lcLfDZNJN5qyFP7gZHUhT3HfvVjw14Qj8QW80kmrW9tIsEs0dui+bIwjGSWAICA9Bk5PYY5rmaPIPM6LQNSsl8YWGov8AYtDgs3WVhGk8qvtbJABLncQcdQOOx60/FGrw694p1DU7a3+zxXMxdIzjIHTJx3PU+5NZNKMbhnpnmna7SAStjwnqdvo/iqyvL3ItlZkmIGSqOpRjj2DE1qXWk6Hrnj5rTw5J9m0XYJGmw58uNI90jfP83ZuvfFaFn4at9fUwJ4dudEjleD7BfuJW85GkRDv3nY52vv8Ak2/d9KFFy0tuKTSRc1LxVrOmW00kknhu6WOVBHNBOJJbhhGYvN2JIduY+DuCgZ4AauMPiG7Piz/hIQkQu/tf2vYAdm/duxjOcfj0rdPw9kS611JtQWOHS7czQTeScXn7tpFCjPGUUk9ce9YsPhTWLiza4gto5AsP2hoVuYjMI+Dv8rdvxgg529CD0ou1739f1oPe8f6/rUv23jq9t/7Mkk07Tbm60tFitrqeJ2dUVshSNwU46A7cjqCDzVHU/FF7qulf2fcRQLF9slvd0asG3ydRyTx6d/epbbwTr93Z2t1FZxrBeYFvJLdRRiUkkBV3MMtwfl6+1X/C2m2d5/bWnavpMX2mysLmcTM8qSxyIAApAcLgHPBWlLZ3/rqC1tb+uhl+HfEbeG71L2202yubuNi0U1wZSUyMEAK6qeCeoNPt/FD2kt2tvpdglnexiO4sT5rRSYOQ2TIXDA9CGGKt+AbXT9U8VWularpsF5DdMQXeSVXjwjH5djgdQOoNY9ho97q11NFp0HmCFWeR2cIkSj+JnYhVHuSKA6Fy48UT3U9r5thYmytImihsPLbyUVvvdW37ied27dnvVuLx1f2tobOwsrG0svImh+zRrIVzKMM+WcsWxgDJwMdKqjwbr73y2kWntNNJbm5j8mRJFljHVkZSVfr0Uk0+Pwdqa6ppttfLHDBqF0LVLmGWO4RW3AEEoxGRn7pINCXNp3/r8/xC9tTO03WLvSVufsThGuERS/OUKyJIrD33IOueM1p3fjK6uI74wWFhZXOorsvLq2jcSTKfvD5mKqGPJ2gZrK1LT2sNbu9ORjO1vcPAGC4LlWK5xz1x0q9deEdbs7Oa5nswFt1V541njeWAMMgyRhi6f8CAxQ5XjrsFrPzINd1258QXsVzepEjxW6W6iIEAqgwDyTzVkeJ3l0+1tNU0ux1MWaGO3lufNV0j/uZjdMqDnGc4yaRfB2uva+ctjyYftAgM0YnMefv+Tu8zHvt6c9KktvA/iC6t7aaKxUR3aK9s0lxEnnZzgJuYbm4Pyjkcccija4la2hTvNduLzR7LTGhhjt7KWWWLYGzmQgkEknIGBjv9a07vxze6jPfnU7CxvIL6ZZ3tpVkCRyKoUOhVwynAwfm5rP0/wzq2pRu9vbKiJMLctczxwAyn/lmDIy5b/ZGTTYvDmoyTzwSC1tpreQxyRXd7Dbsrf7sjqT9RxR5f10/4A/6/r8TVs/iBqVnrE2pCzsZZntxawho3UWsQyAkWxlK8HGc59+tVtP8AFa6VrVvqmn6DpcU8AbarefIpY4wxDynkYOCCOp9sVxpP9h+LLWx8URLHFHPGbuNZQ+IyQW5jJ/h9OarautnL4gvE0RCbJrhhaqNxJTd8v3uemOvNNdGv6/q4PZ3JNW1mPVmaQ6XaW1xJIZJLiKSd3kJznPmSMOSc9M8dazKvavo1/oOpPYatbm3uYwCyFg3BGRyCQapxRmaZI1KhnYKC7BQM+pPAHuaS8hu+7NO/8RXeo+H9N0ieO3W303f5LJHh23nJ3HP8gPfNZVdHrvhSLR/DtlqkGqxX4uZ5IGEEZEasnUq5OWHvge2RzXOUXu2LojpB4ydvD1rotxoumzWdqS6qTOhkc9XfZKoZvcjjtir3gzxFYeHf7Z1G6aDF1bSW8elpE7FyxBHzMCAg5HLEkDoa42trw4dED6l/wkIyv2CX7Jy//Hxxs+5+PXj1o3v8wXRGLRXTaHosR0X+0p9Ol1W6uZ2trHT0D/vSq7nkbYQxVQRwpHJ64Fa114EGoaXdanZwy6VPb2aSvpcsbEmXdKHRdx3KNsW8A7j82M02mk32Endpdyn4C1v+zDqFvFc29rdzCKe1kuiBE0kTE+WxJAAZWYZJA9xUXizWr6506zsLxNHQKqkLps3mlEQuERmDsvG9+hyc5btUWpeCrmxsdFkguFuLrU0kaS32iP7NtVH+Zi2PuOGJOAB1qm3hHWhcWMKWqSnUHKWskFxFJHKwOCokViufYmhprQE1a5HqXiO+1LxDHrT+XBdxeUUMKnapjACnBJ/uitKfx3dStqbxaVpdvLqsTx3csUT7334yQWc7Tx0GAc8g4GKN94U1nSrWW6vrJVjtmQXCCdHeHd93zEVtyZ9wKveIbPT/APhD9B1Wy06GxnvXuFmWCSRlOxgF4d2I796XT+upSvf+uhWuPFs97a26ajpun3tzbQeRFeTRuZQoGFyAwRyO25T75qPTPFmo6T4dvtGtRD9nvSSzspLx5G1tpzgbhweDxU91pJtfBEd1JpMDO10B/akOpJLgFCREYlY7T3ycHtTLfwR4guobWWKxQJeIHtjJcxJ54OcBNzDc3H3RyOMjkUNbr7xdmUbjW7m50Ow0qRIhBYySSRMoO4lyCcnOO3YCti48e319NeNqOn6deRXdwl0beaN9kcqqFDLhweQACCSD6Vl2HhvVNS4t4YkPm+QBc3McBeTjKKJGXcRkZAzjI9abD4d1OW6uYGgS3e0cJP8Aa544FRjnClpGAycHAzk4J7Uf1+X/AAA6f1/Xc07jx7qt5qE1zfRWlylzapa3Nu8REc6qPlJAIIYHkFSuD0x0rEv7yC8dGt9NtbAKMFbdpSG9z5jt+mKu3fhTWrCG+lu7Fo008oLnMiHZv+6cA5ZT2YZHvTbfwvrF1ZQ3cFnugnhmnjbzEG6OLiRsE54z+PbNH9fqBk1q674iu/EH2H7bHbx/YbVLWPyY9uVXoTz1+mB6AVVOmXg0ddVMP+hNObcS7h/rAu7bjOenfGKv+IjohTS/7AGG+wR/beX/AOPjnf8Ae/Dpx6U3t/Xb+vvBGLXSQ+MRDoUmkLoGlmylkWWRC1zlnAwGz52fwHHtWVd6JqNjpNnqd3atHZ3277PKSPn2nB4zkfjjPaqFLyDzOv0PX7LRfAOt2M08V3casqxx2ixNmAgn947kAehAUnnHTmuQrprDwhHeeGL/AFU6tb+dZ2y3JtIV8whWbaA7AgK3fAyR3xXM0P4gW2gV2/g/WzB4ZvNOtpbFbxZmlWDUJBHFdRSR+XIm8soUjCsPmB44riKuaR9iGtWX9qjNj9oT7T97/V7hu+7z0z05ppX0DbXsdVqnjPUbPxLZ3tzbaJdXdovmD7OWkiEjIi7iVfBYKij5TtBHHNYTeIIP7QgvI9C01JYZvObL3EgmPXDh5TkZ57Z+mRV220rSNS8S6vcQmRNBsPMuB5ZO54w2I41LcgsSoyeevpWjJ4TuNat4Ybfw3JoOoveLFGkvnLFJCyOxdvNLH5PL5I4w3TOKFfR/1/X+QSsrr5f1/XUw9W8SJrF1LdXWi6et1NKJZJ1kuCzHOSMNKRg9OBwOmKsap4mPiS7/ANJ0TSkuplWCOYSzxiIABVxum2KB7jA6mq91pOkGY22javNfXfmKkavZ+VHMSQMI+8nqc/MqjAPOcA1h4f1M3uo2gtv3+mRvJdp5i/u1Q4Y5zg4J7ZqbaWHrcn/4RbUP+fjSf/Bxaf8Ax2rNp431Wym0uS3W3UabbtbKhQlZ4mJLLIM/MDn27d+aD4D8Rr5e7T1VpozJDGbmIPMoXcTGu7L4B6KD6dan8MaBJNOZ59Ks9aie3dktV1iKGRSBnftD7+AD8pFN6LXp/wAH/gk76rqV7bxhcW1klr/ZunTRQXD3FoJo3b7IzdQnzYIHBw+7oM5qe78d3mpG/Gqabp95FfXCXMkUglVVkVNgKlJFPTsSah8OaSbqw1K5fSYNURLWQqv9pJDJbFRky+Xu3MB6Ywal8LeEhr1lqVxNPDGtvZSTQAXsKN5ikAb1Y5VOTyQB05p2/L+vyGu/9f1q/wASnceJ577UpLvUrGyvEeJYUtpY2WOFF+6sexlZAPZuec5zRd+Jnv7i1+2abYy2lnD5NvY/vViiHUkFXDk55yWPWl0zwxNfeIotLubq3hVo2mluIJo7hIo1UszEoxHRemR2rQh8ECTxvJoL6gRCIDcR3iwbvMj8vzAQu4dRx1pevr+f/B/EP6/L/gFNfGWo20tj/ZcdvpsFjIZore2RthcjDMxcszkj5eSeOBihvF9xHF5Om6dYabC9ylzNHao+J2Rgyhi7sQoPRVIHNR2uh2ms6paab4cu7q6u7mTbi7tFgRBjJbKyP0AJPHQVFqmn6LaCaPT9ZmvJ4Wx89l5ccvODsbexPr8yrkA98Alwtf8Ar+vMkHiq+Gp6zfeVb+brEUsVwNrbVEjBjt54ORxnNYlbWonRP+EW0caeP+Jtmb7ecv03fu+vy9P7v41U/sTUf7B/tr7K39ned5Hn5GN+M4xnP44x2otb5aDd3r3JtP8AEV3puganpEEdu1vqWzzmePLrsORtOf559sVlUV03hrwhH4gt5pJNWt7aRYJZo7dF82RhGMksAQEB6DJyewxzQ+rf9WF5FLw94ibw5ex3ttptlc3cT74prgy5j4xgBXVT+INXNF1e1k8a2erTmy0WO3lWeTy45pVkIbJwpLncc+oXjtXNUU07O4mrqxreKNXh17xTqGp21v8AZ4rmYukZxkDpk47nqfcmsmlGNwz0zzXV3Wk6Hrnj5rTw5J9m0XYJGmw58uNI90jfP83ZuvfFJRskkU3e7Mvwnqdvo/iqyvL3ItlZkmIGSqOpRjj2DE11eveItWg0m9iuJfDtzE5WJZ7a4Ek058pofNCo52ny+DuAAzwAaqR+Gzr1jcx6b4UudOkKRyabcO8g+1DcqlXaQ7CSrbgV2/d9DXHW9lcXc7w28e+SOOSRlyBhUUsx59ApP4U7Pp/X/DCTWv8AX9XOrPxP106ydS8uz8w2n2TyvLby8bt2/G77+ec5/Cs3TvFY03R7nTY9E02WG7RFuWka43TbDlScSgDn+6BVeHwprFxZtcQW0cgWH7Q0K3MRmEfB3+Vu34wQc7ehB6Vq/wDCDu3gyPVFubT7Y96YSG1O2EXl+WGHzFsb8npuzjt3pW3/AK6/5guhR0fxV/Ygufsui6c7XMUkMjyNOSYn6pxKBjHAPX3qJfE11BptzY2FvBYwz3MdyPIMm6F0Hy7GZiR685Oe9Q2XhzU9QiuJraGL7PbP5ctzLcxxwhs9BIzBSfoT61u2fg6W68F38q2Q/tS11FYnlecIkcXlliSxYIFzghiecjB5FHn/AFv/AEwWrt6/kU5vHF9c395c3NjYSrfwrFe25jcR3LL0kYBgQ+ecqV+nWpbH4harpmoQXFjbWUUNtbtbQWYjYwxKxDMRltxYsoOWY81ganpd5o981nqMPkzKqtjcGBBGQQwJBBB6g03T9Pu9V1CKy0+Bp7mZtqRr3/oABySeAOTRvsBrTeML270Ox0nULa1vLWymaUeaHDSk7uHZWBIG84xik1jxU+sW9rG+lWFtJZxJDbT27Th4kU5AG6Qg9TyQT71CvhXVpL60s4IYbiW8ZkgNvdRSo7KMld6sVBAIOCc8j1pL/wAK6zpli13e2YSJHWOTbKjtCzDIV1UlkJHZgKPMPIm1XxVLrPmzXul6c1/NGElvljcSPjALbd3l7iB1Cg+mKlvPFq6ha2tveaBpciWcAggw1yuxfXAmAySck4ye9VrrwlrdlZzXNxZhUt1Vp0WeNpYAwypeMMXT/gQFJH4V1iTT4rz7KqRTIXhWWeOOSZQMkpGzB3H+6DntS02DzMetXQvEV34f+3fYo7eT7davayedHuwrdSOevHuPUGtq/wDCjXln4bi8P2LSXl/YtPPhzhiHI3EscKAAPQVm6DHo1vdarF4k2MY7KZbUpIzL9pBATDRkgjrznaafdeoR1s/Qwqv6RqaaTeLcnT7W9kRleP7SZAI2ByCNjrn8c0mkaPf69qSWGk25uLmQEqgYLwBk8kgCqbo0cjJIpVlJDA9QaNg3RuX+tDxJ4ijvbuPT9ImklMk10izMrNwcspL+nAUDrz7WPiB4itfE/i2W/sI9sIjSISFNpmKjG8jtnsDzgD6ViabYrqF35Ul5b2caoXea4fCqo9AMlj6KASa0/E2hR+FPESWfnLqMaxxz/vIzGHDDdtIVsj04bP0o0skHVswat6Ve/wBm6xZX23d9muEm2jvtYHH6VreLdMs7FtJutPg+zR6jp8d00AdmWNySpCliTj5c8knnrT9d0izk8P2PiLRIjDaTt9mubYuW+zzqM8E8lWHzDPTkelF7a9gavp3Os1PxPfWn2qewuPD13pyxq9vNLN+/kQS+bEhiV94dGbHKgHB3ZFcFqeu3Oq6dptlcJEsemwmGEoCCwJz82Scn6YrMopW6D8/6/rQ3dD8TnQYZlt9JsJ5LiF4JZpzNueN+q4WQKPqAD70uj+KRoerf2lYaLpwuFfdCXaciH5dpCjzeR1+9k81g0UxdLG5beJ5LO5uTaabYxWl5F5VzY4leGYckE7nLhgTkFWGCOO9TaTs1XXrS4s4tL0JLSRJJJvtTIAA2d2JZGLEY6L+Vc7RTTs010E9U13Ox1rx3NN4+utc0uKMwiN7a2jmU7REVK5wCME5LfU1Tbx3qxt4o40tojDaW9pHIiHcqwyCRG5JG7cozxjHauaopR921v63/AM2OVnv/AF/VkdRP47upW1N4tK0u3l1WJ47uWKJ9778ZILOdp46DAOeQcDGVruu3PiC9iub1IkeK3S3URAgFUGAeSeazKKVv6/r1A29M8TNpRt5rfStOa9tQRDeMj+Yh5w20OEYjPBZT0Gc4qC+8QXmo6TaWFyIilrNLMsgUh3aQgtu5x1HYCsuiqvrcFpseheHvEssfiTUfGmszWEYlt3X7HHKpe4fAVUEe4soyoJY8cVwNxcS3V1LcXDl5ZnLux6sxOSfzqOipsC0HI5jkV1wSpBGRkflWl4i1+68Ta3Lql/HDHPKFDLAhVflAA6knt3NZdFMB0bBJFZkWQKQSjZw3scEH8jXQXni77ZoEWjtoemR2sBdoPLa43RM3VgTKcn65HtXO0UeQHXy6/ZWnwuHh5Z4r66ubsXPyRMotBgZBZgNzE5HGRgnmuQooo63DpYK9A0DxBOvg22tdLm0w3do7RTWupTJEHQyCWOVGZlBKuCCuT1GQRXn9FHmB02ueI5J/ENzJqFho9+ApiKQ+YYSTI0hZXDh87mbkNg59MVCfGepnXTqZS2wbf7IbTyv3Bgxjytuc7ce+feufopAdJb+N9QsJrA6TbWenwWMxnS2gRijyEFWZy7MzZU7fvcDpig+NbuLTriz03TtP02O4ljnZrWN94kR9wYMzsevY5AxwBk55uimB0kvi28v3u47Wx02xu9UxFdXcQKNMGPzAl3KIGPLEBffiqn/CLah/z8aT/wCDi0/+O1jUUAaKa1cJ4bl0QJF9mluVui5B37gpUDOcYwfSrcHizUbLSbLT9NEVklpcfavNgBDzSDozkkg46AYA9qw6KAO8bxPaXngrVLm9sNLlurvV0mNhvkRf9UQZFVZA/XrzjLH2rDh8Z6jD4mTXDDavcwx+VbxtGRFbLt2qEUEY2g8Zz6nJ5rn6KP6/Cw+lv63uKzs7s7sWZjksTkk+tJRRQI1dd8RXfiD7D9tjt4/sNqlrH5Me3Kr0J56/TA9AKyqKKAOkh8YiHQpNIXQNLNlLIssiFrnLOBgNnzs/gOPareh6/ZaL4B1uxmniu7jVlWOO0WJswEE/vHcgD0ICk846c1yFFD1TXcO3kFFFFAHb+D9bMHhm8062lsVvFmaVYNQkEcV1FJH5cibyyhSMKw+YHjim+I/Geqvb3el3SaQ/2yGP7RJYkuNwCfxBiu7EaA7crxxzmuKooYLQ2NC8Uah4eZDpxjBW6juR5ilvmVXTGM9CsjA9+mCKtnxncJp1xY2WlaZZW9xLHNIIIn3F0fcDuZycZ4xnAHQDJzzlFPmYrKzXcv63q8+va1c6peJGk9y+91iBCg4xxkk9vWtNfFqroR0gaBpf2NphOV3XOTIF27s+d6duntXO0VKSSsPrc6K28ZXcEdiZbCwurrT08u0vJ43MkKj7owGCttPI3KcVS1DxFe6npdrZXnluttPLOJcHe7yEFixzjqOwFZVFVd3uC02Oi1GHVPFuoza3M+lQyXZyyHUYIcYG37kkm4fd7/Wq8V3f+GFv7IfYpf7RtPJkaO4ScKhbPDRuQGyvQ/lyKxaKmytYC/o2s3ehagLuy8skoY5IpU3JLGfvIw7qRUk2q2cssLJoGnQrG2WRJLgiUY6NmUnHfgg+9ZlFMDf1fxV/bMFrFc6Lp0f2OJIIWiacFY1OQnMpBHJGTzz1pb/xWL/RINLfQ9Nit7XzPs5ja43QlzliCZTk5H8WRXP0UAd94v8AFkdp4nuJdCh09p3s4oRqcTvJKoMShgp3lAcZXIXI55zzXOjxO8un2tpqml2OpizQx28tz5qukf8AczG6ZUHOM5xk1h0UB0SHOweRmVFQEkhVzhfYZyfzptFFABRRRQAUUUUAFFFFABRRRQB6ff6rbafJrU0V/p6aPJazx2VtZXSySXc06kebKoO4EBjkuBt+6o9b0/iX7T4ubWbjXbZ/C81rul09rlCWzHtMRt87i+/+LbjHOcV5FRR9nl7Bpe4VueGbUXR1Pdr66N5djI3zOV+1dP3PBGc+nP0NYdFABWv4Zs3uNetJhNaxR29xHJI1zdRwgKGBON7DPToM1kUU07O4mrqx1PjyGOXxxe3iXdpLaXtyzRzW9zHNheOSEYlevQ4zVTxj4Y/4RPXv7OF6l6jQpMkypsyG9Rk46evTFZFneS2F5Hc24jMkZyvmxLIuf91gQfxFW401XxX4g2hnvtSvXPLuAXbHqSAOB9BjFSlZJIpu7bZm1qeGdn/CW6R5uNn26Hdn08wZrMZSjFW4IODUs1tdWTxG4hmt2dFljLoVLKejDPUHsapPW5Mk7NHs8t/pyTSf8Tawt5I4hE0clyiOkn20vc5UnOcKD/tfw5rkPEvi6Wy1S603TbqC5064htA8kbb9myNAwQg4GcYYe2K57UfFL6os8l3pWmtfXEYSW+8t/Mbpltu/YGOOWCg8msKlFuNl2G0rt/10/wAj0nULbQLi4vNSsm0i9vJtXunuZNQ1BolgjEhKNGsbq0gI5yu49gKseMNX0650vxglrqFrK1zqFq8Kxzq3mqEGSuD8wBry6iiWqt/XT/ISVrf13/zN7w39qv8AxFps1zew+TYTQ/NeXqRiOJXzhfMYZA5OF9enNdQJra28YeJ45r+wRNdhuYrO7W7ikjBZ9w3lWOwMOMtivOaKHr+P4j/4H4HpvhC8s/D0ejadqep2QnfV/tr+XdJJHBGIXTLSKSgJJ6ZzgDNYWjXkL+FPEsEuow29zdXdo0Tyy4JxKxLjGWIGckgHFcfRTv3/AK2/yCySaX9b/wCZ6L/aJuNGvj49n0nUHgtwunzxXMM920q/cUtExJT7xbf3I71a+2WS/E7/AITI6tZf2Vt+0AC5Tz/9Xs8ryQd+7PHTGOc15hRSfcVkek+HbbQNPn8N31m+jsB5ct9eX2oOk0Eu/lViVxwOxKsD1Jxk1S8W6lZ3PgwW9teQSyf27dzGOOUM2wk7XwD0PY1wdFEtVb+t0/0C3X+tmv1O60bWItU8FXenXpsr7UxfLdbNWu3iE0YjEYxJ5iAsv91m6ZwOKVNd1g67hV8PxeTpq2X2J7tHtriAMcKZDIw3DOeZAePwPCUU27/15WC2n9ep3U72OkeJ9LufCk2n2V+LUtd20l351qJMcxiViVIZTg5bAJxuB5rP8VwaMmk2E9tBZWeryO/2q10+7+0QbM/K2QzBT22hjgdhXK1ZsbqG0nMlxYW98pXAjuGkCg+vyMpz+OOelS9f6+Y9itRWnd6rZ3Nq8UOg6faO2MTQyXBZec8b5WX25B61mUwNz7KP+EF+0/2+uft23+x95z93/Xbc/hnH49qw6KKOodDuPhxClrf3d9d3lhbQTWE8CeffQxsXIwBsZgwz6kYrH8O+F/7a8XRaDdX8No8uQJomW4QnbuABRtpz9f14rn6v6ZrV/oxmbTJlt5JkKNKsamRQQQdrkbk4J5UijS9/L+vzFraxXvbVrHULi0dldoJWiLJ0YqcZHtxUFFFJXtqU9zrvh4YF1LVTd48kaZIZMjPyb03/APju6vRY9T0oaxHLNrumeWdSnnlIvI2/5aw+V36eWnXoMYPPFeM6Rq11omqRX9iVEseRtddyupGGVh3BBINSajqsV7bpDb6TYaequXY2yyFnJGOWkdjgegIHNVdp3X9akOKaaf8AWljo7Dxfc3oOnalPELa10++jhkJw0jPC4XcSeT0VfrjvXS6HH4d0TxPaz6bNoqacLQhdQn1Fjcyu0LZBjD7UOeMMgHvkgV5NRQ/ht/XX/Mp6ycjrvFGoxSeGvCS2V4jT2lo+8RSgtC/mZGcHKnoaseCUkabWL/UNQskN9ptzCr3WoQpJJM+MZDOG5OeSMe9cTRS7+d/xFH3beVvwOz8A2J03x1aXd/eadBb2cjCaR9RgwMxnG35/mHI5XIp2mRJD4d1/w/Nd2EF7emG4gkN7E0UqoxJQyhiqnuASPwriqKOlhnp+k6pZaTpdnpU2qWpu7PSdQMjx3ClEeYKUjWQHazfL/CTycVmeGNRsrfw1oUU95bxSReJo55EeVQUj2L85BPC8delcHRVKTTv6fg7isrWXn+KsdrNENK+IL+ILibT7jT49UNwfI1CCV2Qy5BCK5Y8HPT8qu2722ha14k1i71Swura+triK2W3uUke5aY5XKKSyAdTuAweK89oqY3ja3T9f+GBpNu/U9P8AtlkvxO/4TI6tZf2Vt+0AC5Tz/wDV7PK8kHfuzx0xjnNMu7Nnm8EX9xfWlpZWVhDNK092isoWRmJWPO9iQABtU5OBXmdaOqa1cavDYRXKRKthbLaxeWCCygk5OSeee2KFolbp/wAEaS1v1X6o7nUdZ07xJocJsbTSbiaC/u5JLfU7xrVlWaUurqfNjVuODySMDtVXT5DqvirU/EutSaOL60CfZ7IX8KxzThQqEFpMFFwGJ3HJ4HcV5/RRtsD1L2rxXcepyvqM0M9zOTLJJDcRzBixJJ3RkjOe1U4wGkVS4QEgFj0X34ptFEdAepteLbYWniS4iGuDXsKh+3hy3mfKOM5bp06np+FY8aGSRUUqCxABZgo59SeB9TTaKEDO81iy/wCLY6VYrfaY91ZXE808MepW7MqnkYAf5ifQZPtWHD4WWfwDceJI9QQtb3Qt5LQxkEA4wQ2eevTHTPPaufq/da1f3mmW+nTTKLO2O6OCONY13YxuIUDc2P4myfejuw7L+upQooooA9V8PTWKfD6whuru3tXnt5Yw88gQFPtamYAnqfLC8dSOgNTeKPEkWnWFxfabqllc3w1VZViinWTdEHnIB2nlSrrkds4PNed2HiGS00ltMurG01Gz83zkiug48p8YJVkZWGRjIzjgcVn3t19tvZbjyYYPMbIigTYiD0A9P1ou0rL+tU/zQJL+vRr8n953enX+k+J4rN/E1xb+f5+oTi3kn8mN5CkJjRmzlEOGAOR93Ga2NI1DTdPsfD0E9xo1lJDrgmmgs70yJChi+8zO7D8VYr265FeS0VXN28vwJcbprvf8TU1G7nl1vU4rS7byb26beBNtjlHmEqWOcEZwcngda6LXbAn4faHape6bJcWDXT3EUepW7soZgVwA53EgdFya4mis4xtFRLv71zuI9NYfDGXTje6X9sbU1uhF/altny/KIz/rPXjHX2qabU7Rte8BN9uhMNnb2wnPnDbAwmJbdz8pxjOa4GirTtJS80/u0F0t5W/G56JNa6DNHNqFo2kXl7Lqdy10+oX7xC3jDko0aI6s4I5yu454Aq7r0Xh/Vtc8QahBLpWpag15EkMd5qHkQeT5a5kVg6bzkEEbuMdPXy6ipSsku3/A/wAgep6vLqtnfeNbLR4Lq1nstW0SLTpjayM8ccmG2Ebst8rY+98wB5qnHq1nD43utGa8ihtLPSJtItpZmCRmTZhmZug3Pu5PtXE6Lr8ugs81jaWpvCCIryQO0kGRjKDdtz7lSRWWSSSSck9Sab1f3/jf8rsFpqvL8Lf5I7HVYrbTvhjbaadSsrm+/tUzywW06yGIGIAcqSG6DkZGTjOQa42iih6u/wDW1g6WNzVLUReFdHmGvremTzf+JcHJ+xfN6Z43degz79aw6KKOrYdDu/CNoIPCPiKOe902GTUbONbZJNRgVnIfJBBfK8f3sVj+FvCX/CSalqFg2ow2k9pbvKnAlWUqcEBlOMf7QzxyM1zlX7TWr+x025sbOZYYLobZikah3Xj5S+N23j7uce1Hd+QLt5/5f5FCiiigD0L4XT2dtFqM2oyRxwR3VkzvIcKo8xsEnsN+zn+ldBF4i03RhpZvtUtJoXh8i5NvMszRyP8AaDK+FycBnTnvnjNeXaPrVxotxM8EcU8VxE0M9vOpaOVD2OCD1AIIIII61HqOox35hEOn2dhHEpAS1VvmJOSWZ2ZifqcDtR0t/Wqs/wABWTv8vwd1+J2mlx2uhaFfprFxoc5tbm1axntZLaWZwJw0jAp+8xt/vduParsq2Ntq/jTU5NZ0xk1KzuVs44rtHabeyt0B+U9BtOCTnA4NeY0Ua2+/8RrR/d+B2PjvVwfE2n3mj6hl4NOt0We1m5jYJyAyngjPSmfDT/kcf+3O5/8ARTVyNblp4on0+ylisLCytrma3+zSXsSuJWjOMjG7YCQMFgoPU5yc0mtJed/xuJK1l2t+Br+A7YQrqtzcXdhbx3Wl3FtEJ7+GNmkYAAbWcMM46kY96h8ICKw1LW9Mv7u0t5bzS5raKVrlDCZDtYDzFJXBx1zjPFclRT/yt/X3j6fO/wDX3HaaIlj4Y0LW7jWJILm5uoksobex1GFpCjnMjbl3gDCgZweuO9b+j+INEuNQ8PajHKlnLbWF3YzJeXCOyqkY8rcdqg53kD5RnGOcV5ZRQ9U7/wBf1dit/X9eiOu8K+L1s/F1jeayltFaIJIpHtLGKEqrqV3ERqC2ODznvisnVfDz6X58n9o6bcwI2Int72OVpsnjCKSw45+YADHrgHHooGFbn2Uf8IL9p/t9c/btv9j7zn7v+u25/DOPx7Vh0UdA6hXcfDiFLW/u767vLC2gmsJ4E8++hjYuRgDYzBhn1IxXD0UPVNB1TOg8O+F/7a8XRaDdX8No8uQJomW4QnbuABRtpz9f14rGvbVrHULi0dldoJWiLJ0YqcZHtxVjTNav9GMzaZMtvJMhRpVjUyKCCDtcjcnBPKkVQofQEFdd8PDAupaqbvHkjTJDJkZ+Tem//wAd3VyNXdI1a60TVIr+xKiWPI2uu5XUjDKw7ggkGgTVz1y91qwtbuO6XWtPcf2s80oiu43JU3EHl8A9PJQnPQYwcHiqt9qXhyPTdWsLW/tM6RZ3Edo6zKRc/aY23hD/ABYYjpXmOo6rFe26Q2+k2Gnqrl2NsshZyRjlpHY4HoCBzWdRd2t2/wAhtK9/63PWdDj8O6J4ntZ9Nm0VNOFoQuoT6ixuZXaFsgxh9qHPGGQD3yQK5SwWLVfhq+l295ZxX1vqv2kw3VykG+NotuVZyAcEcjNcjRQ9b/11uG1v66WOyMUWr+AbPSrW+soL7TLyYz2893HEs4fGJFdmCNjBHB6frG00Fj8NdR0wX9tJcf2vGSkMwPmKIzkgfxKGxz0z0PSuRopb3/rt/kNaW8r/AI3/AMzpvG13b3c+im1nimEWjW0bmNw2xwpypx0I9KoeF7y8sPEENzp1zawXCBtv2xgsUg2nMbE8AMMjkgc9R1qvYaja2kDJcaNZX7FsiS4ecMBjp+7kUY/DPPWmahfW955f2bS7TT9md32ZpTvzjr5jt0x2x171V9W+9/xJ6WPR9Bg0dPGPhie2hsrPWJLmT7Vbafd/aINm1tr5DMFPbaGOB2FZmkXlv4VstQk1q6trma+1C1dYLa5S5bbFMJHdyjEDjgAnJJPFcdomr3Gga1bapZpG89s25FlBKk4I5wQe/rVJ2LyM56sSTikvdd1/W3+Q9Gmn5fr/AJnoOt6nJa3uuX2j2vh6W31KKVGvE1EmeSKXk/unnyH5GRs4I4GKo+LbaDxFfQazpup6etm9nGGhmukjktSiBTH5ZO88g42g5zxXFUUraWHfW/8AX9aHqkGu6TdeENK8Nz38Fk99pvlNfxyjNu4kYiKb0jbv09+Onl88LW9xJC7IzRuULRuHUkHGQw4I9xwajop9WyVokja8JWwu/ElvEdcGhZDkX5cr5fynjORjPTqOv4VjyALK4DhwGI3jo3vTaKGMsWVlLqFx5MDwI+Ccz3EcK/8AfTkD8M11vxNWO516PULS8srq2NvDDut7yKVtypz8qsWA464x71xVPhdYp0keJJlVgTG5IVx6HBBwfYg0WuGzudZ4pZbTwv4ds5YkupZdPE6XMoIeBWc/u124BXg/fDH5jgimx/6H8I5vtGA2oaoptkPUiNCHce2WC1ia1rdxrlxA88cMEdtAtvBBACEijXoBkknkkkkk5NJrGuXWtSwG4EcUNtEIbe3gUrHEo7AEnknkkkkk0PW/m/1uGzXkv0sZ1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAdXeeDfstjPcfZfEy+VGz5n0Hy4xgZ+ZvOO0epwcVMPA+Uz9k8VdM/wDIvcf+jq46igDq7Lwb9rsYLj7L4mbzY1fMGg+ZGcjPyt5w3D0OBmuau4Ps17PBiVfKkZMTR+W4wcfMuTtPqMnBqGijqB21paQ3nwjjS41C2sFXW3Ie4WQhj5K8Dy0Y5+orS13SZLm80QW1hb6xFa+HIGMkk7QW6jzHG9mYocYzgEqc/Qg8OdZuG8NrohSL7Mt2bsPg795TbjOcYwPStaPx1qAtBaT2dlc2ZsIrB7eVH2yJGxZGJVgwYFjyCB7VUndtry/Kwrbf11N248OeHYNW8M3OpiHT7PUopPtMMN35tuJEO0YlDOQjNjJ3HbzyOoseHtIm0/4geHJ5NGtbGKaeTy7mwumnt7hQpAKku+CMH+LoRwMc8peeL575bCK40zTDbWCSxxWywERlHOSD82cjswIbuSTk1Lb+OL6xudObT7KxtLfTpWmhtY1cxtIwILMWcuTg4+9jgUuunf8AX/L+uoNXTXl+hotDod94f1nVLTRIom0m5gCCWeVjco5ZSJcOOcjdlNvp0qXx9qNr/wASiL+xrHfLotsUl3z7oQVOAv7zBA7bgT65rlrfXLm20fUtNRIjDqLxvKxB3KUYkbecDk85Bqzd+JpNQ0u2tNQ02xuZbS3+zQXjCRZUQZ2j5XCnGeMqfxpdLen5Wf4lyacm1/Wp1OgeEob6eLTdY0K1sftFk0kdwdRH2wPs3BzCZOVJB+Xy+AevBNWtD8JacIPDstzoH9o6dfwPPqGpSyyxrb4zkZVlVAoGcsDuycGufT4iagmqLqh0zS31LyhFJePC5eVdmzkb9qnHdQp4x0yDuy/2Vqi+HAyaLqFnFYww3V1qGo+RPDhjvTy1lQ/KOB8jE8ctVef9df8AgdiOlvL/AC/4Pcy9G0nSNT0+7OlWunahqzagUhsLy6kgXyDnb5Q8xSxJ65ckADjnJ5LU7drTVbmB7WSzMcrD7PK25oufuk4GceuOa1n1nT9N1S4TT9JsNQs4byR7Ka6WUOI93y52uu4YAOHB7/SsnUtRutX1Ke/v5PNubh98j7QMn6DgVGun9dv6ZXf+u5e0DQ/7aM48rVZPK2/8g7TvtWM5+9867enHXPPpWm/g3bfxW/2XxL+8jd8NoWJDtKj5U87kfNycjHy9c8cpRVCOruPBvkTWyfZfEo86TZiTQtjH5Wb5B5x3Nx044yc8YMOr+FP7M0uW7+z+IE8vHzXujeREMkDl/NbHXjjk4Fc1RSAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDoNY0HStGuLiwl1qSXUrdSJEjs/3AkHVBJv3E9s7MZ9ByIl8Ha69r5y2PJh+0CAzRicx5+/5O7zMe+3pz0rQ8Q6RD/b95q9lqWm3emyytdxt9rQSMGO4IYs+YG52424HfAyR0n2yyX4nf8ACZHVrL+ytv2gAXKef/q9nleSDv3Z46Yxzmkr8qb3/L+v08we9l/w/wDX6nAtoGprc6dbm2/e6mqPaL5i/vQzbVPXjJHfFXY/BWvSQ+d9jSOHzXh82W5ijTzEbaV3MwGc8Ad+cZwa6uzNjqOoeDNSOr6fbW2mQQx3Xn3KrJG6Sk48vO45yPmxgDJJAFZ/jLUrW58PWEFrewzFdVvpXjjlDYDSDaxAPQjODVpJyS83+asC127fo3+ZU0TwJcXh1iPVDHaz2FpK6RG9hjcSqQAHVjkJyfmOB055rFi8OalPqLWVulvPKkRmd4buJ4o0HVmkDFFA9yOo9RXc3WpaddfEfxZGmo2ix6np0lvbXLTKIWcohAL9B90jJOM1leGWt9L03XtF1E6XJd38MT24mvVMEmxixRpYpAFJ7ZYDIGevMrVJ+X46h/n/AJGEvg7XX1KKwisDLcTQG4iEUqOssYGSyOGKt+BNQ6n4b1XSLVbi+t0EJmMBeKeOUJIBko2xjtbHY4PX0rufD+ttaa5YWupjRtMs7OxvBb/Y79ZVBkXJBcyvgkjgZHU155Z38tu0MTyym0S4WdoA52Mw/i29M4yM+9Cs5W/rdk3dm7f1ZGv4m0ux0C2s9KERfVwgnvpmY/ui6grCBnHAIJPJJPXtT9V0+y0rwbo8os45rzVEkme6eR8xBX2qqKCF6A5LA9e1SfEFDF4/vbplWe3umS6gY52TROoIwQQSO3B7GpPGY83RfDV4h8qGeyYR2i/6u32uQQhPzEE8/MWOe54xN3ypvS7/AEen9di+tvL/ACMwHRP+EIYEf8T37fwcv/x77P8Avj7341saJ8NtV1e106aSK8tRe3DRktZMViiCBhKTkcHOAOM44NcbXqeh6z4bstL0R08yOSztL+4Eb6jFlXYFdjfuwSzAfL0I44arezf9aL9bC6pHK+GvBMmvTXsd3eHTWtpVtkWaAkyTtuxHgkbT8pz1I9KzdO8Lazq1tc3FjZ74bV9lxI8qRrEcE/MWIwMA8ngV0p1rQ9C8O6JbwQ3FzN9qbVCLbUEBgfdiNHPlsCwVRkYXqeOau+IdS0eTw54qXS7uALf31pdRQiUbm3IHcAZydrMQfQjFKWibX9apf5/cK+qXf/g/8A44+E9aGpfYTZjzfs/2rf50fleTjPmebu2bP9rdjPHWov8AhHdUOqW+nRWwnuboboRbypKsgyQSHUlcDByc4GDnGK0fDGr6pHeS+Td2U4Fp9mNpq04EU0Of9WC5AABO4DcvfGeQeosLnwxpHiAR232K1l1DSJLa4i+1PNawXD4wPOU52kDkhjtz14NP+vz/AOB8xrX+vQ47/hD9ba6soIrSOdr5mW2eC5iljkYdQHViuRjoTUd/4W1jTbFry8tAsKOscm2ZHaFiMhXVSWQ+zAeldp4d1d9M1vRrK8g0HTNMXUDdM9pqKzYfymXLEzvtGD7DOKxtBu9Pk8M+I7fVb5YRd3lmWO8GRk81i7KOrYBzxmhK+39ar/MOjf8AXX/IxbjwprFtYz3cltG0Vtj7QIrmKR4M9N6KxZOePmAwetaM9pp118Nf7Vi02C1vYtSS1MsMkp3p5RYkhnYZJ9AK6kDRdIi8URWR0O1tZdOmhs3g1Jpp7ofLjI8wqCfTarZ6AgGsWPTWHwxl043ul/bG1NboRf2pbZ8vyiM/6z14x19ql7fd+Y1ur+f5f5mDpZ0QeGtZ/tIZ1TEP9nnL9dx8zp8v3cfe/Cqml6JqOtfaf7LtWuPssJnm2kDag6nk8/QcmqFbnhm1F0dT3a+ujeXYyN8zlftXT9zwRnPpz9DVb3f9bB2Rh1qaDo0es3whn1C3sYgyKXkO52LMFCog5Y8+wHcisutfwzZvca9aTCa1ijt7iOSRrm6jhAUMCcb2GenQZpx31IldRdhdVsI/DPiu6sJ44tTSzlaMiYOiy8dSEYMPXhqs+LtLs9A8ZS21rCXs18qZYJHJ+V0Vym4YOOSM9cd881L8QI1bxlqF9BcWlxbXc7vC9tdRzZHHJCMSvXvirPxCZYNYh094kmntrWANfOCJZQYwQpC4TABAHy7sAZY1nFvlTe5o0uZpbf8ABRQ8VaLa2P2LVNI3f2VqkZlt1c5aFgcPET32njPcYrn663Xv9E+HHhuynx9plknu1Q/eSJiAv4NtJrkqrZtf1/S2J6J/1/T3CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDTu9eu77QrTS7sRyx2TkwTMp81FP/LPdn7uecY4+nFLLr0tx4fg0m6tbaZLUt9muGDCWEMwZlBDAEE5+8DjJxVG0g+03sMGJW82RUxDH5jnJx8q5G4+gyM10t54N+y2M9x9l8TL5UbPmfQfLjGBn5m847R6nBxRYDlKK7EeB8pn7J4q6Z/5F7j/ANHVDZeDftdjBcfZfEzebGr5g0HzIzkZ+VvOG4ehwM0AcpRU13B9mvZ4MSr5UjJiaPy3GDj5lydp9Rk4Ndfpssmg/DCTWNKYw6jeaj9ke7j4khiCbtqt1XJ6kYJo6N/12DrY5fTNKutYuhbWPkGY42rNcxw7iTgAF2GTk9BzUF5Zz6ffT2d2nlzwSNHImQdrA4IyODzWtpOo3mqeMtIn1G4kuZhdwKZZTudgJBjc3VjzjJycYHQCt/8Asuz1X4ieLI7+HzVgjvp4xuK7XUkqeCOnp0oen4/gNK+np+JwlFdXp2kaPJ4NsNR1TfB5mt/Zrm5jLFlg8sMcLyOMk5wT9elWvEmlRaYrX9r4e02bS0uykF5Z30s8Mq4PySYkLBuV5GzkHg54cly7/wBbf5iWv9f12OPuLS4tDGLqCWEyxiRBIhXeh6MM9QfWoq7vx7qFsf7Ii/sax3zaLbFJt8+6EFTgL+8xgdtwJ9c1pS+ENE0/W/7D1CLTYrdbcLLqsurIlwsxTdv8oy4C5IUKUzjnNEla/k3+AdjzKiu5vLfw7oWgeGrq50Nb2XUIfMu3e4lHyK5B2KrLhiD1Jxx05zXGXptjf3H9niUWvmt5Amxv2Z+XdjjOMZxS6/10EndXIaK3fDFz4hmvF0jwxcTQT3cgJNsfLc4H8Ug+baBk4zjvirHxBu7C98bXsumGJ4/lWSWEYWWUKN7j6tnnv170PSw1rcwLSeO2uklmtYbtFzmGYuEbjvsZT78Grmp63c6xrz6rqCQyyu6sYtpEe1cAJgHO3AA65x3zzWbWr4Y1Cw0vxNZXur2hu7OF90kIUHPBwcHg4ODg9cU1q0J7Mg1jWLvXdTkvr9lMj4Cog2pGo4CKOygcAUt5omoWGl2Wo3dv5dpfBjbyb1O/acHgHI/ECun8TQ6rqGl3GpweI18S6PHcK0jOWWS2Y8DdG/zRqxYgbDg4HoMUfENnp/8Awh+g6rZadDYz3r3CzLBJIynYwC8O7Ed+9TsiranL0V2NsulL4PutW1Tw/YRb/wDRtPEctyHmm/ifmUjao68YJIHFadr4Y0vT4NDj1Cz0+6j1C3S5vLq61VLeSFZOgjQyL90c5KtuOR7VVhdLnndFb9qPD2matrNtqsM2pQIk0NhNbyADzA2EkJBAIwM9xz0NYFIAorovCem2zSXGt6vHv0zS1Ejo3S4l/wCWcP8AwI9eDwDmux1nxUmneOdL1vVDMrXXh+Pc9og3I8iN8ygsOhOetN6K/wDWza/IX9fijyyivR9OSKa+0XXta8Q3GsaM1xJbA6qGza3Gwld6FnG3hDkH69KsRxahf+EtUn8SXFv4guLS/tpLSOK8W5c75QropQttVxwF9vu8UWd7f1/XUZ5hRXr+ri6dPFMUeoNq8ZttiaECpOnZIO7buKjysBf3W7k87aqaWsWg+Hte8MxKjXY0WW71KXALLMdoWLPoisc9eWNLo35XHbWx5XRRXS6R4U/tPTIrv7P4gffn5rLRvPiOCRw/mrnp6cHigRzVFdXb+DfOnuY/sviU+TIExHoW5h8ob5x5w2nnpzxg98AXwbu1CW2+y+JfkjR8DQsyDJYcp53C/Lwc8nPAxyAcpRWxr+h/2Kbf91qsfnbv+Qjp32XOMfd+dt3Xnpjj1rHoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKK1m0Pb4PTXftH3r42fkbOmED7t2ffGMfjVu68H3qz6fDp7fa2vNNXUZC22JIEO7O52baANv3iR1xTs72/ra/5Ac9RWn/wjuqHVLfTorYT3N0N0It5UlWQZIJDqSuBg5OcDBzjFTt4R1oXNlClrHMb9zHbPBcxSxyMOq71YqD7E0gem5i0Vu3HgzXrVGaayUFJI4pEW4jZ4mkOEDoG3Jk9CwA5FF74M17T7e5lu7EJ9kG6eMTxtJGu7buMYYsFz/FjBHOcc0dLgYVFbEPhTWLiza4gto5AsP2hoVuYjMI+Dv8rdvxgg529CD0q5H8P/ABNLAkyab+7ZVcMbiIAKy7gxy3C47njPHXigDm619J8R3WlWF1YNBb3thdYaW0ulYpuHRwVIZW7ZBHv2p8HhHWria4jW1jjNvcm0dp7mKJTMCQY1Z2AZuOik/rUVv4a1a4uLyEWvktYkC5a5lSBISTgBnchQSegzk9qPIPMktfEMVpqsd9Fomm5h2GCL98FiZTu3ZEgZjn++W7DoAKtf8Jncr4gk1i302wgnnEq3SKJWjuRJ94OGc4H+6VrEvbK4067a2u0CSqAflcMCCMghgSCCCCCDg5qvRuB0Vz4yurjTLTTk07TYbK0uRcRW6QFlztwVbcxLA8k5yeevAArXfiSSbR30uysLPTrOWUSzJbCRjKw+7lpHY8c8Agc1jUUbhsbd34mfUdKtrPUNNsbmW1t/s0F2wkWVEGdo+VwpxnjKn8add+KW1JUbVtJ0+/u1iERvJfOSVgOFLbJFUkDAyRnAGc1hUUbgaep67c6rp2m2VwkSx6bCYYSgILAnPzZJyfpisyiigNlY3tB8Vz6Bpt7ZwafZXC3w2TSTeashT+4GR1IU9x371JoGpWS+MLDUX+xaHBZusrCNJ5Vfa2SACXO4g46gcdj152imm07iaurGt4o1eHXvFOoanbW/2eK5mLpGcZA6ZOO56n3JqhZXX2O7SYwQ3AXIaKddyOCMEHoe/UEEdQQagoqUrKyKbu7m5L4nkOlyabZabY2FlPIslzDbiU/aNpBUMzuzYHopHU1Jf+Kxf6JBpb6HpsVva+Z9nMbXG6EucsQTKcnI/iyK5+imI6K88WrqFra295oGlyJZwCCDDXK7F9cCYDJJyTjJ71CPE7y6fa2mqaXY6mLNDHby3Pmq6R/3MxumVBzjOcZNYdFAGvo3iS60GTUGsILbF/bPbSJJGXCI3Xbk549yffNZFFFAF+w13VtKhaLTNUvbONm3MlvcPGCfUgEc1oal4wvtburObXIIdRS0txBHDcSTbD0zIdsgO84GTnnA4rAooA2rzxLLepZ20lhZpp1mS0enx+YsRY9WY797E+pb6US+KLwJaxabDbaXBazLcRw2iHBlUkh2ZyzMRnA3EgDoBWLRQB1Evj2+8+/urHT7DT77UEKXF7arIJGBILY3OVUnHJUA1HY+P/E1it0P7XvLj7RA0Obi5kfys4+dPm4YY4Pua5uijyAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOrvPGX2qxnt/tXiZvNjZMT695kZyMfMvkjcPUZGamHjnCY+1+KumP+Rh4/8ARNcdRQB1dl4y+yWMFv8AavEy+VGqYg17y4xgY+VfJO0egycVzV3P9pvZ58yt5sjPmaTzHOTn5mwNx9TgZNQ0Ubu4HW2Hk6r8N20m3u7WK+g1T7UYrq4SAPG0YXKs5CkgjkZzWvPrLw6za22iXulXf2PRY9Pu4r2VVt7shjvVXYqpAJBB3DOOCeh4CC0uLoSm2glmEMZkkMaFtiDqxx0HPWoqb1ev9aWFb+vnc9MsLnwxpHiAR232K1l1DSJLa4i+1PNawXD4wPOU52kDkhjtz14NRaHqsmm6xolld2+g6bpq6mt072eorNtcIVyxMz7VwfYcCvOKKE7NP+t7hJXjy/1tY6CHUni8bSsl6yWlxqSvMRLiORRNuBbnBA65P1roP7Us38XeOp5L6Ax3VldJbyGYESkuu0Ic/NwOAOwripNLvItJh1OWEpaTyNFFIzAeYy9cDOSB64xnjOak/sW+GijVXiSOzZiiPJMiNIQQDsQkM+MjJUHH4VMVyx5eya+9WKvq33t+Fz0rQ4/DuieJ7WfTZtFTThaELqE+osbmV2hbIMYfahzxhkA98kCpLrXNNfS9QQanaszafpUaKLheSj5dRz/D1I7d68vGj3x0I6wIP9AE/wBmM29f9Zt3bcZz074xVjTvDWq6rbrPZ26eVJJ5UbTTxw+a/wDdTew3n2XPUetXd3+79f8AMlrT+v66He+INT07WrV4LCLRb+az1S9LpfXzW4ZZZmZJI2EsauCBg8kjjsayU17VtQ1TWnu08P3C3rRJd6fPeIkTbFAWSOQyAZAGMrITlunpwskbwyvFMjRyIxV0YYKkdQR2NNpXuFjb8XQaPbeIpY/Drg2m1SVWUyLHJj5lVz95Qejd6raHqv8AY981x5moR7oymdPvPs0nUHltrZHHTHp6Vm1PZ2cl9crBC0KuwJBnnSFeP9pyAPzpK6GzpLjxl581s/2rxKfJk35k13ew+Vl+Q+SNrc9eeMjHOQXnjL7VAI/tXiVsSI+J9d8xflYN08kc8cHscHnGKwNV0q80TUZLDU4RDcxgFkDq+MgEcqSDwR3qnRcLHV3vjL7XYz2/2rxM3mxsmJ9e8yM5GPmXyRuHqMjNcpRRQAUUUUAFFFFABRRRQAUUUUAFFXRo98dCOsCD/QBP9mM29f8AWbd23Gc9O+MVSoAKKKKACiiigAooq7qOj32kranUIPJF5AtzB86tvjbo3BOPoeaAKVFa8nhXWIbFruS0ARIRO8fnJ5yRn+Mxbt4XkclcYOelZFHkHmFFW77S7zTo7WS9h8tbyETwHcDvQkgHg8dDweak0zRNQ1lbo6bb+cLOBrif51XZGOp5Iz9BzQBQooooAKKKKACiiigAooooAKKKKACiprO0nv76CztE8ye4kWONMgbmJwBk8Dk0t7ZXGnX89leR+XcW8hjkTcDtYHBGRwaAIKKKKACiiigAooq7pmj32sNcjToPONrA1zN86rtjXq3JGevQc0AUqKu6bpF7q8kiWMQcRJvlkeRY0jX1Z2IVR9TVpfC+qtqg04xQJcuivGJLuJFlVvulHLBXznjaTQBkUVNeWc+n309ndp5c8EjRyJkHawOCMjg81DQGwUUUUAFFSyWlxDbwzzQSxwzgmKRkIWTBwdp6HB44qKgAooooAKKKKACiiigAooqWS0uIbeGeaCWOGcExSMhCyYODtPQ4PHFAEVFFXdM0e+1hrkadB5xtYGuZvnVdsa9W5Iz16DmgClRRRQAUUUUAFFFFABRV0aPfHQjrAg/0AT/ZjNvX/Wbd23Gc9O+MVY07w1quq26z2dunlSSeVG008cPmv/dTew3n2XPUetAGVRTpI3hleKZGjkRirowwVI6gjsabQAUUUUAFFWdP0+51XUILGwi825ncJGm4LuPpkkAVDLE8MzxSja6MVYZzgjg0AMooq3qel3mj3zWeow+TOqq5TcG4YBhyCR0IoAqUUUUAFFFFABRQBk4FXdX0i+0LUpLDVYPIuowC0e9WxkAjlSR0IoApUUUUAFFFFABRRVzSdJvdc1OLT9Lh8+6mzsj3qucAk8sQOgNAFOirdjpl5qd+LOxgaWc5yoIAUDqSTwAO5JwKfqWj3uk+Sb2NAk6lopYpUljkAODtdCVODwRnigPIo0UVoanoeo6PJapqUAgN3Cs8OZFO5G6HIJx+OKAM+itLU9A1DSLW2ub2OHyLosIZYLmOZX243coxHGRUGpaXeaRdLb6jD5MrRrKF3Bsqwyp4J7UAVKKKKACir2j6Nf69qSWGkwfaLpwSse9VyAMnliB0qkylGKtwQcGgBKKKKACiruo6PfaStqdQg8kXkC3MHzq2+NujcE4+h5qlQAUUUUAFFFFABRU1naT399BZ2ieZPcSLHGmQNzE4AyeByamk0i/j1l9JNs7X6SmEwR/O28HBAxnP4U7MOlynRWlqXh/UdJgWe8ijMLSGLzYLiOZA45KFkYgNjscGs2kAUUUUAFFW7zS7ywtrS4u4fLivY/NgbcDvXOM8Hjkd6qUAFFFFABRRRQAUUVLcWlxaGMXUEsJljEiCRCu9D0YZ6g+tAEVFadz4e1G00dNVlSBrJ5BEJYbqKXDldwUhWJU47ECo7XRNQvdIvNTtrffZ2JUXEu9Rs3HA4JyefQGgN7eZQooooAKKms7Se/voLO0TzJ7iRY40yBuYnAGTwOTS3tlcadfz2V5H5dxbyGORNwO1gcEZHBoAgooooAKKKKACiirumaPfaw1yNOg842sDXM3zqu2NerckZ69BzQBSoq7pukXurySJYxBxEm+WR5FjSNfVnYhVH1NN1HTLvSboW9/F5bsiyKQwdXUjIZWUkMD6gkUAVKKKKACiiigAoq3qel3mj3zWeow+TOqq5TcG4YBhyCR0IqpQAUUUUAFFFFABRRRQAUUVdGj3x0I6wIP9AE/2Yzb1/wBZt3bcZz074xQBSooooAKKKKACiiigAoq7qOj32kranUIPJF5AtzB86tvjbo3BOPoeatSeFdYhsWu5LQBEhE7x+cnnJGf4zFu3heRyVxg56UbbgZFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAdb4n8Q6xceJNQ0mK6ktrBZ3tI7BflgjQMVUeX93I65xnPPUCtdNA0AePf+EMbTd4wYDqfnyef523dv252bQfl27enOc1zOp+Kn1dpJ73SdNa/lj2SXyxuJGOMFiu/y9xHfZ7jBwasHxzfmf7aLOxGq+T5J1MRv5+Mbc43bN235d23OO9JfCk/6/r9fIHq9P+G/r9C9LoGmLrngy3Ft+61OC3e7XzG/elpSrHrxkDtiresab4f0DRbe7OireXE2pXduFluJRGI45QB91gdwGADnHJJzxWNYeOr6wTTmFjp9xc6Yvl2t1PEzSIm7dt+8FPcZxkAnBB5qjq3ia81iygtrmOBEhuZrlTGpBLStuYHJPGRx/WrTXMr7Xf5r9AXn2/R/qd5aW2n+HvEPjLSrTS7eSG10uZ1klklLuh8tvLbDgbRuxkANwOetc54e0qy1y31fV302xij06GNY7H7W0EMkkjFQzySSZAHJwGGSABjvQ/4TXUT4ovdbeC0eS/iaG5t2jYwyIVClSN2ewPBzkVBa+JnsZ7n7HptjFZ3cPlXNh+9eGYDJBO5y4YHkFWGCPrUrZX7W/P8Ar8Q/zOw0zwv4dv8AWtN+0QWwM9jcveWFjqAnWF4x8rq6uxG4HIBJ6HrXJXNxomq2sNvYaUdMv2vAimKV5I2gYYG4uxO8HHKgAgnjpRYeKW0rVBfaVpVhZv5EkLIhmZWDjBJ3yE5A6YIFYSsUYMpIYHII7UL4tdv+C/8AgE2dnb+tEdV4/kaTxlJpUBCWumhLK1jZwFRVAHJPAyckk+vNL4yAtdF8N6aw/fWtk7SMgzG2+QsNrj5XHqVJGe/Wo/F9xZa5HbeI7W5iF1dhYr+zJAeOZVALqvdGAzn1zT9bli1TwNoElrc2xfTYpYLmBp1WVSZMqQhILAgjlQcc56VOvKk++v3PX+u5fXTt/kYA1a9GinSBN/oJn+0GLYv+s27d2cZ6ds4r0/U/CVjNcQR6nNdrBY2zw2qWsip5SW8IeWRsq2S0jYwMeuTwK8kr1S98U3V5i706bQZrC5t5HlW/uAk0G+MCaEoHDnLJkFVJORg4yKrXX+tegl8Sv/SNLXLjSJYbODXZo4Wsmm1aLcQPPP2iXfEM9Sx28e1c9r9rdat4o1PVpdGtL4NDZtJPe3f2a3iZrdCRnemWJIwN3AzwcgjkvEXiW98TXME+oRwI8ERjXyVKggszZIJPOWPSri+Nrx7KSzv7Gxv7WRoX8m4WTCvFEsQYFXByVUZySD6CrclLml3d/wCvlb7iFFpRXZfp/nf7zrJfCfh2yv8AVri409p7WLR4dSitkuyRG7NyiyKTuXjGeeDx61wmrXek3lnZPpunmwvFDi7jjdmhbn5Cm9mbOMg5OOBjvWjdePNTu1uhJb2Si609NPcRwlAsanIKgHAP4Y9AKwbK5itbjzJ7KC9TBHlTtIF+vyMp/Ws/teX/AAX+litv68l+tz0DXtEg8Q/GOaxvJXit/s6SytH97alurEDIPJxWItvo2ueF9ZvrfSl0qbTHhkQ280kgkjkkCbWEjHLDOcjGfSq9943vbvXodahsbKy1KJlb7RbiXLgLt2lXdlxjg4AzVa78UTTafLZWOn2Gm29xKJrhLWNiJmU5UN5jN8oPIUYHPSq/r8f6/pg7/wBen9f0jpNW8OWLK0vh3SrO+0hTAE1K2vXeaMsVz58Zb5c/NkbFwSOeMHsv7S0v/hZA1OKWP+1jff2Q1scbgBJzNjrjyxsz615hb+M7iwEp0rS9O0+SdlM8kCSEyhW3bcM5CqTgkKF6YGBVE+Ibs+LP+EhCRC7+1/a9gB2b927GM5x+PShPVJ7f8N+gNXi+/wDw/wCtjpJNL0PRNU0PR73S11B9Qhhlurp55FeMzcARhSFG3r8wbJPap9V0TQ/DXheS5l0tdRvE1a5sUeeeRUKRtwWVGGTgcYI685xisG28ZXcEdiZbCwurrT08u0vJ43MkKj7owGCttPI3KcVTvfEl9qGhx6Xd+W8aXUl2ZcHzHkf72TnGPwpS62/pXX6CSen9dH+p09voeiXWk6j4g0mwhmt3vFtbOz1S+W3SH5A8hZvMUtzlVG7OOTmrb6B4Xt4dY1D7NHeRW+n210ttb33mLbzNIVaLzEY7lyBnknB4OcGuM0zxBPp+nXGnS21tf2Fw4ka2ulbaJB0dSjKytjjg8g85qRfEbw2epWljp9naW+pRRxyxxeY23Y24FS7sck9ckj6US8v60/zKW6v/AFr/AJHWQeGNEvdGsvEUll9nt102e7uLGCZ9krxShFUMxZlDZ55z6Y61jyfY18KW3ifSbGLTdQtNRFq0cZMsL5RnV9spcgjGOpHeqVn4z1KxtdPtoorZoLKGaDy5EJWeOVtzpIM8jPpigeLpozYxQaZp0VjZTG4WxEbtFJLjG99zlmOOOWxx0603a+m3/B/yJ1t/Xb/M3tau76D4c2f/AAk87XWrXV6LqxW7bzZYrfbgsd2cIxA+U8HrinjUNRn+HOr33i26e5j1F410qG4bJ8xWO54l6IoBxxgdvSue1fxX/bd9JfX2i6e13LIrvNvuCTgg7cNKV2kDGMcDpjipNc8Yt4hcyahomm+cIRDFJG1wvkqBgbF83YMdcbcZ6g0nqn5/1/X3lrRry/r7v+GMcatejRTpAm/0Ez/aDFsX/Wbdu7OM9O2cVZ0+40SPQNTi1GzuJtTk2fYZ0fCRYPzbhnuPY/h1rKrV0/xFd6boGp6RBHbtb6ls85njy67DkbTn+efbFHRi6oyq3fDFz4hmvF0jwxcTQT3cgJNsfLc4H8Ug+baBk4zjvisKt7QfFc+gabe2cGn2Vwt8Nk0k3mrIU/uBkdSFPcd+9NaCZP8AEG7sL3xtey6YYnj+VZJYRhZZQo3uPq2ee/XvXNV0WgalZL4wsNRf7FocFm6ysI0nlV9rZIAJc7iDjqBx2PWn4o1eHXvFOoanbW/2eK5mLpGcZA6ZOO56n3JqbWsU3dmTXU+G7mfxH4y0SDWJfPgskCIpRRiKJWcJwOehHPPNctWx4T1O30fxVZXl7kWysyTEDJVHUoxx7BiaevTcl7anc3uhQWVvq2r3lxdyaw9u63D+YvktJPbSyMgXbnCpgZ3cnsOlXk8P6m3hM+FP7MufI/skXq3BgbYbzd5mzfjGdvyde1Y2reJtVsbK4+0nw1fRCRFV4pxLJdERmLzNiSEjMfBDBQM8ANXJ/wDCVal/wmH/AAkuY/t3n+fjadnptxnO3HGM9O9N2a5Vt+Wn+eoWafN1/W/9I7G+k0h18FWWp6SL57uxgieR5nTyoy7D5AhHzZJOWyOAMday9K0XSzq/ibRbqwhuTplveSQXjSSLLuiOFyA4THf7tZkPjW6hj08tpuny3emw+TaXciSF4gCSp279hIJyCVPao9J8Wy6SbqQaZY3dzeRyRXFzctMXlWQ/MDtkA59QAfek+vz/AOANdPK34bl/w/YaQvgPV9Z1LTft1zaXMUcCtM6L8wI+baRkZ54weMZFU/7WkOqWsXghr/SpL2OKOe2t7l0V7jJHyHcSV5GNxyCTVRvEcw0W/wBKtrO1trO9mjmZI95MZQcBSzE49c5qHQdbn8PatHqVnDBLcRKwj85SQhIxuABHIycZoT1be3/A/wAyUml9/wCZ1HjbxPqNnrVrpemazetJpEBtZbxLl/MnlYgyndnONwAx221tzajeW2seF/DWpx3XiC7hmF5qEE0vmv5rqdqDeSBsU5IJC9yRya8107UZNP1eDUfKjuZYJRKFuMsrsDkbsEE889auW3ibUrXxV/wkMUq/bzM0xLDKktnK4PYgkfSmntf1/r5javc7XxBLdr4N1lm1tvEoXUI9tysmf7Ow33uTlS5O0bMpwcN2qnBd3ep+Atdju9aPiK48uGdYHkkdrJVbLS5mA6A7T5e7rzxXPz+LZH025sLTStOsba8mSW7S3WX9/tO4KSzsVXPOF21E/iV47C5tNL02x0tbtfLuJLbzWeROuzdI7kKTjO3GcDNT0a/rZFX96/8AW/8AXkdfJqsnje5Fh4f8Q6rYT/2esa6dMClvMY0AdQyyHqAx5TBxzUjQ22l2nhvRtN1670S51K0hnkksrYlppJCcGWQOrbQTgKA2OTXHW/il7C3mXSNLsdOnmiML3UHmtLsPDAF5GC59QAfTFSWvjK7t4LES2Njd3OnKUs7u4jcyQDqoGGCttPI3K2Kp2f8AXr/wPuJV0rf10On8CT3On65rGgyxWyNbWd6txNEmXmdeOXPO0Y4AwO5Gea5Dw/qF7bSSRWviSTQ4mwzsJZ1Vz06RKcnHrj61Z0fxjPo1xPdJptjdXlysiz3VwZi8gk+8CFkC/iBmqUer2Uc0rt4e02RZGBVGkucR8AYGJgcHryTyfTikrp3fZfqN7W8/8jZ8dXE1l8Qn1KyiFszeVdW0yhCJuARMAuV+ZgW/HnnNczc3kl/qUt5fsZpZ5TJMwwpck5PQYH5VNq+r3et35ur5k3BBHHHGgRIkXhUVR0UCqaOY5FdcEqQRkZH5U46NXCWqNLxFPo1zrcsvhu0ms9PIXy4Z23MDgZ7nvnuf6VmxOI5kdo1lVWBKPnDexwQcfQitLxFr914m1uXVL+OGOeUKGWBCq/KAB1JPbuazY2CSKzIsgUglGzhvY4IP5GktAZ3fijUJdT+F2g3M6RRlr64CxwRiOONR0VVHAA/+ucnmuCrorzxd9s0CLR20PTI7WAu0HltcbombqwJlOT9cj2q7Lr9lafC4eHlnivrq5uxc/JEyi0GBkFmA3MTkcZGCeaVt36fog6Jev6s5Crmnate6Sbk6fN5RuoGt5vkVt0bfeXkHHTqOap0UwPRdE0GK6+Hlv57yi1mkkvLlIGCyTuHWCCMMQcDcWOcH6ciqus2cGm/ETQNNs5JpLeymS3jaZgXwt3JnJAA657dKl0DxBOvg22tdLm0w3do7RTWupTJEHQyCWOVGZlBKuCCuT1GQRWVqfimVPFjX1zp+kXtxbP8AumhaYwq4kaQupEgLZd2PJI9OKpSs1f8Art+GhLjeP9f1uO1HT5tT+KGrQW+nHUWF7cOYPN8tSAzcs2RhQcZ5HHGRnNdBZ+B9M1qx0y6mgt9NY3M0V2mm3ouY3RIjICrb5NrcYwT74rl18bXMevT6rb6Zp8Mt2ksd5GolaO5WT7wYNISOeflK0qeO9RtrWzt9MtLHTorO6+1Qi2ibhimwhizEsCCc7snnGcYAiOkbdS5O8my7ZabpPinRdSksdLj0m7s54BC0M8jq6SyiPa+9jyMg5GM+lVfEb6JpGsXmj2ehpItk5h+1zXEvnSOrcsQGCbTjGAoOO4PNUrrxTPLp8tlp9jZ6VBPKJpxZK4MrKcrkuzEBTyAuBz0pdV8VS6z5s17penNfzRhJb5Y3Ej4wC23d5e4gdQoPpih+X9f1/wAEXr/X9f8AAOh8Q6pZr4G8LO2g6e6yxXWyNpLjbDiXHy4lzz1+Yn8OlR+FvDsd02kxatoFp9l1B9purnUvJncFtoaKMyLkDIwNjZIPJyAMCHxM/wDYVvpN9ptjqFvau7W7XAkV4t/LAGN1yM84OauW3jq9t/7Mkk07Tbm60tFitrqeJ2dUVshSNwU46A7cjqCDzV6czb7i1saN54StL3S7SPRImF5b6vJpd25YnzCW/dSEZIAwCDjHNNn0e0bXNal0LQrW70y0mW3Sa/vjDAhA2sdxkQszMMj5uAenIxl6V421TR77VLuzS38zUyWkDoSI3JJDpzwQWOM5qvpviafT9Hm0ueys9QspZ1uPKu1f5JAMbgUZTyOCCSKhXtr/AFt/wfvG/wCvx/4H3HVXXhrw5ZeLzDcG3t4rrSlvLS2urs/Z/PYcRtMpyUGCQdwzx83rFp3hm1bxJNF4i0A2MC6RLdiK0umdJCoyJIn3N2xwWYZ/IYF94un1S+S41LTNNuVS1S1EJhZECocqRsYFT/ukDHGMVueGfFS3Wq3B1JbG1s7XRri3tbTcUi5X7gJbeSx/2snPBpvy8/1t+g18ST8vzX/BLGh+GNF8Xaba30dl/ZCx38sFwltM774hCZQR5hbDfLjPTnOO1Z1hZ6L4i0bUbqHSE02XT7i3ZBBPI6yxSSiMo+9jyM53LjPpWYvjLULaSx/sqG20yGxlaaK3tlYo0jDDM29mZiV+Xk9OBimzeLJ/srW2n6dYabBLOs88dqj4mZTlQxd2IUHoqkDmmrcy7f1/X/DmclJxaT1/r+v+GNzxMPCuieJtW0gaAyxW6MIJ1uJHkM3DKGy4Xy/4SMFsc5z0k8Q6pZr4G8LO2g6e6yxXWyNpLjbDiXHy4lzz1+Yn8Olchrerz69rVzql4kaT3L73WIEKDjHGST29auQ+Jn/sK30m+02x1C3tXdrdrgSK8W/lgDG65GecHNSr8iT30/r8TR2vob2jaHp+oeHbBtH06z1rUXaX7fbTXrQ3MYHI8pA6gjaM5w/J6cYrlLHU77RpbsWUht2uIXtZ1ZASUb7ynI46dRg1d0zxM2lG3mt9K05r21BEN4yP5iHnDbQ4RiM8FlPQZziseaZ7ieSaZt0kjF3Y9yTkmm9/6/r+uolsaPh2fR7bW4ZfElpPeaeA3mQwNtYnacdx3x3H9DmyFDIxjBVMnaCckDtWl4d1+68M63DqlhHDJPEGCrOm5fmUg9CD37Gs2RzJIztgFiScDA/Kh9AWzLOm6g2mXf2mO3t55AhVPtEfmLGx/iCngkdsgj2rqfiqzP40DuSzNZQEk9zsFcnZXMVrceZPZQXqYI8qdpAv1+RlP61r694kbxVeQyX1lp9lPlIzdRedwgG0AguwwBzwueKHrb+u4LRv+uxgUV1njrxFaa3/AGRa2bLcHTbJbeS8WIxidsDopAO0Y4zjkngVydAFwatejRTpAm/0Ez/aDFsX/Wbdu7OM9O2cV6fqfhKxmuII9Tmu1gsbZ4bVLWRU8pLeEPLI2VbJaRsYGPXJ4FeSV6pe+Kbq8xd6dNoM1hc28jyrf3ASaDfGBNCUDhzlkyCqknIwcZFGuv8AWvQF8Sv/AEjHsY7LU/F2sNq+k2Mlla3U9zfX0rzh1TzD8o2Squ4n5VGOp74rJ0BLXWfEMlpa6Dp/kTSNLuuZbgrZwjkkssq5AHOTyT9cU0eM5W0+7s7rSNOuY7y7a7nL+chkkJJGdki/KMnA6D681Fp/ir+zbfUYLfRdO8jUAqyxlp/lQc7FYShgpIyRk578YFNu8r/1/X9dSYpqNmT+Zp2oeMJbXw74dtbm3uZRDaW88s5wOm/IkBGepycAfTNVvFx0hNca20G2higtkEUksDyMs8g+8y72Yhc8DnoM85p2m+Kv7I1Ce7sNF06IzW5tym6chFP3ip83cGI4znp0xzmDyP7fbOnWGlab5I+cfbvJD56f8fEpzjH8Prz2qeiX9f1/XQruW/h9/wAlC0X/AK+lre17QdL0bUtO024svtt7ql0s8t/5jiJI2k/1cW0gMccMxzjPHYjm7WLUPCepWmsI2nTSW8wMaR30NxlsE8rHIWxx14HvzSf8JbqLaS2nyLDJGt19rt5HUl7WTdk+Wc8A9wQR3681Xby/4H9fh1Js9fP/AIJtL4f0w+JvGVobb9xplpcyWieY37tkcBTnOTgHvmuj1i10XW/iVDoV5phaa8tY1e+Mzh4n+zgoUUELtGBncDkk9BXIT+P76VNT8vTdMgfVYmjvJYon3S7sfNkudp6nAwMkkg8YZN47vpbp72OwsYNTe3FudQjWTzVUKEyoLlFYqMZCg8nGKnol5f5/5o0unJva9/zX+RpaNoen6h4dsG0fTrPWtRdpft9tNetDcxgcjykDqCNoznD8npxiqfg3Uryy1W2gk8TyaNaw3SF7WSSYLJ83zDaq7O2DvKj1rN0zxM2lG3mt9K05r21BEN4yP5iHnDbQ4RiM8FlPQZzio7TXYrd/OuNF0++uvMMpuLnzizMTnlVkCEZ7Fceuau/vX6EWvGzOn13R7HRbXU9a1DRka4uNVktrfTppCsVumA+4+UwycEAANt5zzVt/Dvhu306/1h9NlkgOk22oQWv2hh5TvKyFN2clMr35wTgg81yo8YahNHeR6vDb6tFeTC4kju1YBZQMb1MbKVOOMA4xxiluvGepXcOowypbCK+gitvLSMqsEUbbkSMA8Ae+fz5qOn9dv8yt5Xff9f8AIl8S2FjHoWg6tp9otk2owy+dBG7sgaOTbld5LDPoSaxtV1W91vUZL/U5vPuZAA77FXOAAOAAOgFSXus3F/o+m6dMkSw6csixMoO5t7bju5x19AKz6b3du7Eauu3GiXH2H+wLO4tdlqi3fnPu8yb+JhyePy+grKrV13xFd+IPsP22O3j+w2qWsfkx7cqvQnnr9MD0ArKoe7A799Tk1L4O6iWgt7aKHUoI4obePYigJ17kk9SxJJ9elcBXSQ+MRDoUmkLoGlmylkWWRC1zlnAwGz52fwHHtVvQ9fstF8A63YzTxXdxqyrHHaLE2YCCf3juQB6EBSecdOaT3k/62SBbJf1u2chVzStVvNF1KK/0ybyLqHOyTaGxkEHggjoTVOimB33g3SEvvCOoyyzPDFdXBW7ljA3i3hjMrqvoWYoP6HGK1b7wtpzeHLjSLK3uZbu3tzeW63E25oZHFsZFBUKCNrgcj16Vh+D9bMHhm8062lsVvFmaVYNQkEcV1FJH5cibyyhSMKw+YHjipb3x/rWk+II7kJo010tuVk+y5ljJdYwckNtLARJ907Rj1zTvZu/9af18xWbs/P8AX+vkQa94Qh8Kadc3E/lal5d/bJBK4dEmjaKRnGFbpuAHBz8vBGaz/GWn2Nl/Ys2nWaWYvdMiuZY43dl3sWzjezEDgd6hm8YXt3odjpOoW1reWtlM0o80OGlJ3cOysCQN5xjFGr+Kv7ZgtYrnRdOj+xxJBC0TTgrGpyE5lII5IyeeetJ3f9eQ1pf+upe13/kmXhX/AK63n/oxa6vxlpFhZWf/AAkmp2n9p7rO2tbe1V2CRP5QO+YoQQPQZGa4e/8AFYv9Eg0t9D02K3tfM+zmNrjdCXOWIJlOTkfxZFTDx3qZ1Ca4lgtJYrizSzntHRjDMirhSRuzuHUEEEHpSeqt/WzDqn5P80zTk0vQ9E1TQ9HvdLXUH1CGGW6unnkV4zNwBGFIUbevzBsk9q0dW+G9vPcBNHY28dvZ3ALuC5uriGZ49vJ+UsFzxwMdK5e28ZXcEdiZbCwurrT08u0vJ43MkKj7owGCttPI3KcVLH4/1qPTrK0DQn7Je/bRKVO+V9xYhznlcseMDrTev3/h/wAD9BRuvu/r7zY0nQtKT4kW/h290qC5t54YC7vJMroxtldiu1x1Yk8g46DFYnhrSbCeDWNV1SF7m10qFXFqkhTznZ9qgkcheucc+9SQeOrqHxPLr7aVp0uoO+9JHEwWL5Nm1VWQDGPXNU7PxRNp2pTXOn6fZQQXMJguLLEjwzKeu4O5bOcHIYYxx3yNtu44qys/L/gkI1Cznv4Ht/D1oWYeWbUSztHIxPykDzN4bt94g+laPjODTNPntdNstPtba/gjzqD20srIJT/yzG92+6OCc8nPTFVbHxQdM1u11Kx0bTImtVPlQ7JGQMf4yS5csO2WwOwFU9S1SDUBmPSrSzlLl3lhknZnz1z5kjD39aT2QIi1DVr3VRai/m80WkC28PyKuyNei8AZ69TzVm/uNEk8P6bFp1ncRanHv+3Tu+Ulyfl2jPYew/HrWVWrf+IrvUfD+m6RPHbrb6bv8lkjw7bzk7jn+QHvmm9gW5lV3/hfU5Lr4f8AiizEFvBDb2EeBDHgyMZOXdjks31OB2ArgK6HS/Fp0nS7mwg0TTZI7yIRXLyGctMAcjOJQBz/AHQKT1i0HVM56iuy8GeIrDw7/bOo3TQYuraS3j0tInYuWII+ZgQEHI5YkgdDXG0+oE1pdTWN7Dd2r+XPBIskb4B2sDkHB46iu38DWt34gvdcvTcBdQu9lt9oKj5DO58xwBjB2K/THWuCrsPAWt/2YdQt4rm3tbuYRT2sl0QImkiYny2JIADKzDJIHuKNf6/ETvbT+ux2fh6x0/w6kV5o5u9rQyagEupFfAWK6RGGFUcgEkHPUc8ZrLv5NMXwjr+neHHW6TUI4tQdYsM0Ze5iEcPHdctx/tCszVPGerabapatDoWZrRrYrZSGYxxfOqqWWRlyA74wSectniuT0rWrzRjObFlR5lQFiMlSkqSKR2zuQdc8E1aknJX2St+Lf+X3ClGydu/6L/g/edkfC1tNpeuRX+i2el3On2ZuYGg1ITTgrjKyx+Y3UEZIRMH0zim6/b+E/D+s2Fjc6E8ltPYxzXM6XEhlRnj4MQLhRg8nduBz2ArHn8d3Uram8WlaXby6rE8d3LFE+99+MkFnO08dBgHPIOBjK13XbnxBexXN6kSPFbpbqIgQCqDAPJPNZu+n9d/+AV1+/wDT/gnoU+i2U/gbRNd1aF76103S+bGFyHlZpGwWI5WMd2rj9W06xXwbouqW9olvcX11ciXY7ldqsu1QGJwACR6+pNMtPG+q2U2lyW626jTbdrZUKErPExJZZBn5gc+3bvzSW3jC4trJLX+zdOmiguHuLQTRu32Rm6hPmwQODh93QZzVKylfpf8AX/IUdEl5fpb8zpbzw74ftPFHiOxghs/tVr5Q0+yv7t4oXBCl/n3qS/PALjqeuOJtGsdT0rT/ABjb2lu2gX6RWm1DeiIRHfyVlZhhTzjLHg4ye/JXviuTVNVvL/VdJ069kvHWRlkSRQjBdvysjq2COoJI9qW88aanfQanDOlv5eoxRQsqxkCGOJsoqc8AdOcn+dTrZf10KW/9dzsBZWXieTTINXu7fUdR0nT7i61KWK4QC4AK+VE1xnacA4Z8nAzznmsW80GxutO02S1sLNdVkvhbyaZpepLcfaIiN28HfIUPBUknHfFcxo2s3ehagLuy8skoY5IpU3JLGfvIw7qRV208TnTdVtNR0fSrDT7m1k3hoTM4cEYKsJJGGCCemD71Wmn9dSdbf12OiutDsofCuoapd6LplveaZcxqYLTUWnjlVyVKyBZmZSCM5BXP4GmePtRtf+JRF/Y1jvl0W2KS7590IKnAX95ggdtwJ9c1iXPi2abRb3SrbS9NsbW9dHlFvG+4srFgdzOT36HIHYDJzFd+Jn1HSraz1DTbG5ltbf7NBdsJFlRBnaPlcKcZ4yp/Gl0t5r8rfmV1/ruaUf8AyR2f/sOL/wCiTUek2mnah4F124l02BLzTY4DFdJJLvYvJg7gXK9OOFFQL4tVdCOkDQNL+xtMJyu65yZAu3dnzvTt09qbp3isabo9zpseiabLDdoi3LSNcbpthypOJQBz/dAoe7/roCe39dTRS20TTPAujapc6Ot9fXlxNG/mzyLGUVl5wjA7sHAwccnIPFbd54Js7CXxFJpOjS63NZXsUEFkzSkRRuoct+7Ks5Gdo54HJrhr3XZ73SLPTTBBFbWUsssIjDZHmEEgkscgYGO/qTXaLr6eJfDF/NdppV1qVxqaTyWF7dfZYY1EWwSRkyIWJxgjecccd6rdX/r7P/BF2+f6/wDAMLxktjoPjWP/AIRuKKyNksTlI5Gl8qcfMwJctuIbjsOMY65525vJL/Upby/YzSzymSZhhS5JyegwPyrX8XwaTbalax6N9nU/Y4zdpaTNLEk5zuCOxORjb0JGc81hI5jkV1wSpBGRkflSjvqD2NLxFPo1zrcsvhu0ms9PIXy4Z23MDgZ7nvnuf6VmxOI5kdo1lVWBKPnDexwQcfQitLxFr914m1uXVL+OGOeUKGWBCq/KAB1JPbuazY2CSKzIsgUglGzhvY4IP5GktAZ3fijUJdT+F2g3M6RRlr64CxwRiOONR0VVHAA/+ucnmuCrorzxd9s0CLR20PTI7WAu0HltcbombqwJlOT9cj2q7Lr9lafC4eHlnivrq5uxc/JEyi0GBkFmA3MTkcZGCeaVt36fog6Jev6s5Crmnate6Sbk6fN5RuoGt5vkVt0bfeXkHHTqOap0UwPRdE0GK6+Hlv57yi1mkkvLlIGCyTuHWCCMMQcDcWOcH6cin3ukaDF4sGlXtyrQ2GnzQ2A1GcxxyyrPLhZJF24GdxGNucAZ9a+geIJ18G21rpc2mG7tHaKa11KZIg6GQSxyozMoJVwQVyeoyCKxdc8RyT+Ibl7+x0e+UKYmSESGEkyGQsjhg+d7NyGwc46Yp83frf8A4D9UhW0+f9fj/Wxqw+FY11K6utc0X+z7ex003xtba6LxXZDfLsky5CnIBwxPXBGeLPhnQdC8TR6Tey6Wtpu1T7Dc28E0hjlUxPIGG5iykbccNiueHjbUkvbeWGC0jtbe2a0SwEZMJhb7yHJLMCeSS2c9xTrXxvfWFxYNptlY2dvYTGeO0iVzG8hBUu5Zy7HBx97gDil1/rv/AJCabWn9af5l19O0jV/C+s3Gl6S1rPptzbx27JM8klwsjFMOCSN3GflA54xWgfC1tNpeuRX+i2el3On2ZuYGg1ITTgrjKyx+Y3UEZIRMH0ziuU03xLf6TZ3lvZeUn2uaGdpCpLI8TFlK846nnINaM/ju6lbU3i0rS7eXVYnju5Yon3vvxkgs52njoMA55BwMD2f9a2X6mjtzabHY61aaNrfxFGiXOmbp7iwDPfNM4eNxbBk2KCFwNozuBJJPIGK5+TS9D0TVND0e90tdQfUIYZbq6eeRXjM3AEYUhRt6/MGyT2rH/wCEz1H/AISxPEPk2v2tYvKCbG8vHleX03Zzj360tt4yu4I7Ey2FhdXWnp5dpeTxuZIVH3RgMFbaeRuU4p6Xv/XX/gEO9kl2/GyN3WNH0HwvotvJLpQ1K7bUru0LTzyIjRxShckIw+bHAxgcnIPFXbzwTZ2EviKTSdGl1uayvYoILJmlIijdQ5b92VZyM7RzwOTXEah4ivdT0u1srzy3W2nlnEuDvd5CCxY5x1HYCuyXX08S+GL+a7TSrrUrjU0nksL26+ywxqItgkjJkQsTjBG844470JaX7f8A2v8AwR6afP8AX/gDL3R/CqeO7uwEdnZxwWH7m2nupBAbvbkpLLuJ4yehUZUDrnNaHwrGupXV1rmi/wBn29jppvja210XiuyG+XZJlyFOQDhieuCM8Z+vT6NpGqwx6XYaZeJJYxi9gEkksKXGSW8uQPu4G3lXI5IyarjxtqSXtvLDBaR2tvbNaJYCMmEwt95DklmBPJJbOe4pO/Tz/X/gfIX/AAP0/wCD8zofDOg6F4mj0m9l0tbTdqn2G5t4JpDHKpieQMNzFlI244bFZr6dpGr+F9ZuNL0lrWfTbm3jt2SZ5JLhZGKYcEkbuM/KBzxiqVr43vrC4sG02ysbO3sJjPHaRK5jeQgqXcs5djg4+9wBxVHTfEt/pNneW9l5Sfa5oZ2kKksjxMWUrzjqecg09P6+X/BGtE/67/8AAOrPha2m0vXIr/RbPS7nT7M3MDQakJpwVxlZY/MbqCMkImD6ZxXEjVr0aKdIE3+gmf7QYti/6zbt3Zxnp2zityfx3dStqbxaVpdvLqsTx3csUT7334yQWc7Tx0GAc8g4GOXpf1/X4D6Grp9xokeganFqNncTanJs+wzo+Eiwfm3DPcex/DrWVWrp/iK703QNT0iCO3a31LZ5zPHl12HI2nP88+2KyqHuLodr8LtTktvGmnWcMFuDcXH7y4MeZdoRvkDH7q55OACehJHFcpqn/IYvP+u7/wDoRq/4e8RN4cvY72202yubuJ98U1wZcx8YwArqp/EGrmi6vayeNbPVpzZaLHbyrPJ5cc0qyENk4UlzuOfULx2oteS/rsK9k/67nNUVreKNXh17xTqGp21v9niuZi6RnGQOmTjuep9yayaS1WpT3Op8N3M/iPxlokGsS+fBZIERSijEUSs4Tgc9COeea68eHoILi+1O9uLuXV5kMdw/mjyWkuLeR2TaFzhUwM7uT2GMV5/4T1O30fxVZXl7kWysyTEDJVHUoxx7Bia7DUvFWs6ZbTSSSeG7pY5UEc0E4kluGEZi83Ykh25j4O4KBngBq0jLlkpPv+uv3kSi5RaXb/hvuOq/tLS/+FkDU4pY/wC1jff2Q1scbgBJzNjrjyxsz61w/hbw7HdNpMWraBafZdQfabq51LyZ3BbaGijMi5AyMDY2SDycgDmj4huz4s/4SEJELv7X9r2AHZv3bsYznH49K0rbx1e2/wDZkkmnabc3WlosVtdTxOzqitkKRuCnHQHbkdQQeaUbKKT/AK/plS+NuO39foYeqWi6frF5Zoxdbed4gx6kKxGf0qpU97dvf6hcXkwVZLiVpXCjgFjk49uagqI3srje+gUUUUxBRRRQAUUUUAFFFFAG/e+CPEOnpcG8sFja2jM0sX2iIyLGDgv5YbcVz/EBjvmrU9pp118Nf7Vi02C1vYtSS1MsMkp3p5RYkhnYZJ9AKTxxqhk8f61c6XfForhzH5tvNlZYyoBXKnlT0x0rQj01h8MZdON7pf2xtTW6EX9qW2fL8ojP+s9eMdfapTbhf0K0Urev5HMNoGprc6dbm2/e6mqPaL5i/vQzbVPXjJHfFTQeF9WnW4byYYY7ac20klzdRQp5ozlAzsAx46An9a7KzNjqOoeDNSOr6fbW2mQQx3Xn3KrJG6Sk48vO45yPmxgDJJAFQ2t8bu9v7O4/sPVNFm1aWZoby+W3kh+fl0cspwy45XeOOnrppt6/mv0uRfS/p+Wpz1p4VCaNe6prtzLp9ta3X2MpFb+dK03UrtLKAAMnJb6ZqlFoUuo6hLBoTG+gjj81p3UQLGmMkyFjtTHTlsZ6E8Vv2k1zpmqamPBOsWb6VJK0TW2oXMSLNHxgsk+1WB5GRzgHOM87GpXOgXen61ouiT6fZ3d5BbTSlJRHayTxsxljjdzgLyCvO044qel/6/r/AIYb0dv6/r/hziJ/DOrW19b2ktqBJcx+bC6zI0UiAZLCQHZtABJOcDvipW8I60LixhS1SU6g5S1kguIpI5WBwVEisVz7E11lnFoM1poeha5f2txLp9tdzlBdAW7TSFWjhaZTtAwCSVOM8ZrU0jUNN0+x8PQT3GjWUkOuCaaCzvTIkKGL7zM7sPxVivbrkVSWv9d7EttRbt/Vjz6/8Ja1plnNc3tmqJbsizqs8bvAX+7vRWLJntuA7etF14S1uys5rm4swqW6q06LPG0sAYZUvGGLp/wICp4dZ+weNpbo3Ej2LakJrhI3JWdFm3jIBw3TIzXR63qclre65faPa+HpbfUopUa8TUSZ5IpeT+6efIfkZGzgjgYqE7wUi38TRyZ8L6stgl29vGiSQm4SN7iNZniGfnERbeVwCc7egz0p+lnRB4a1n+0hnVMQ/wBnnL9dx8zp8v3cfe/CuohlstU0sDxg2kTQW2n7LXU7W9C3QIA2IYg25yPu/NGMYJz3PntN7tL+tfzEtky/peiajrX2n+y7Vrj7LCZ5tpA2oOp5PP0HJqhW54ZtRdHU92vro3l2MjfM5X7V0/c8EZz6c/Q1h0MOhqaDo0es3whn1C3sYgyKXkO52LMFCog5Y8+wHcim+INJ/sLxDe6X53n/AGWUx+bs27sd8ZOPzqXwzZvca9aTCa1ijt7iOSRrm6jhAUMCcb2GenQZrS8eQxy+OL28S7tJbS9uWaOa3uY5sLxyQjEr16HGaNbpLz/T/ghfR/L9TlqK3vGPhj/hE9e/s4XqXqNCkyTKmzIb1GTjp69MVg0k7gbd+ujSeGdFj0tC2sM0ovgN5J+b92MH5en938a6WDwzZQ6vHo/9g3OoW0UgttQ1mMS/uJiBu2FTsUISPvAk4PTIrk/DOz/hLdI83Gz7dDuz6eYM16zLf6ck0n/E2sLeSOIRNHJcojpJ9tL3OVJznCg/7X8Oaq6vr1uLV6Lp/n/XyPNfDPh7S/Ed/bacNUvLe+nDnabFWiUqpb7/AJoJ4H92qOm+GtV1W2FxaW6CBpBEktxPHAsjn+FTIwDHjoMmt3wNDDo2t2uv32oWCWUEMrsouk87cUZQgizvLZI7YxzmluI4vEnhDw/bWN9YW02nebDcQ3d1HBt3vuEg3kbgR1xkgjpQ7f18/wCvxAwIvDmqSXVzbvAltJasEn+1zx26oxzhS0jKMnBIGckAmpP+ET1sarPpz2DJcW6eZN5jqscaYzvaQnYF9Gzg12epP4d8QX2s6pavYajf/aIIYY9SvDaxmJYlVpR86FiWU8buBg49bviDU9N1XSbvRbHUdNW4n0yxMci3G2FzEWLReZIcqRkEByD680nor/1t/X5D16nmuqaLf6NJEuoQeWJkEkUiSLJHIvqrqSrfgahsrC71G5Fvp9rPdzkEiKCMuxA6nA5rf8SzwQeGdA0ZbuG6urETyXBt5BJHH5rKVQOMqxAHOCRk1zFAand+LPCj6O0Wm6d4bkMflQK+r3PnLmV8E/MWESjJC8jjnnPNc3J4W1qK61K3lsWSTS4/MvN0igRL2+bOCTngAkntmtXxw8GseO8WF3bSRyxW8Ym89RGD5Sg5fOBg9fTFdD4j1TTdV8K3OgWmtK9zo8cbtcyOipqgQYIDYG4pn5Bk5HqeQPa/r/XyBdF5L8jk5fAniOFW83TgrLGZRGbiPzJEChiyJu3OACOVB7jqDT9A0DSNf1Kz06DU9RS8ucAr/Z0ZjQ4yx3eeCVABOcZwOnau21QrpPxQj8Qale2sdlZWUbCM3SNM/wC4ChFiDb+WbuAMZOa5DRbu30DwZqOoxXMLarqJ+w28SSAyQQnmSQgHIzjaD/jT2vf+tbBrZef+VyppEXh+21LWYdYlFzBHazpYTAOvmTA4jbCZxkZPJx61m6Ro9/r2pJYaTbm4uZASqBgvAGTySAKo1teErYXfiS3iOuDQshyL8uV8v5TxnIxnp1HX8KFrv2BvQx3Ro5GSRSrKSGB6g1Z02xXULvypLy3s41Qu81w+FVR6AZLH0UAk1WkAWVwHDgMRvHRveprKyl1C48mB4EfBOZ7iOFf++nIH4ZpIJaM0/Fnh5fDOuf2el2btTDHKJTF5eQwzjGT/ADrErtfiasdzr0eoWl5ZXVsbeGHdb3kUrblTn5VYsBx1xj3rK8T+Fl8PWekXUWoJexanai4UrGUKHjIxk569eO/Apevf/P8AQO3p/kc/W0Don/CEMCP+J79v4OX/AOPfZ/3x978axaKfQOp2sGgw6dDaQDw5ca/dNFHc35QTYtEcZVFEZGG28ktke3Bp2rfDmW2Wzl0y7a5S8v3tRG0fzQr5rpG7EHBBCEngYru9TvLCO+uI01Gxtp4heERzXKRMZnt0SA/MemwkBunYnPFcr4s8XNpN3FH4fv7W7huNPkhlZG3hC00jbhg/K4DcE+vSm2rXt2/W6/BL5iSb+5/ml+rfyOa1bwfPZa/eWGn3cF3b2qxN9smljto28yMOvLvjJBOBnJwTUMPgrxDPqdzp8WmSNdWqq8se9eFJADA5ww56jIxz0rqZ4dB1SO8vozpt9qeyyjjgv7/7PEkf2aMMwIdNzBgVI3cY6Vp6prGmGHV1h1KwO/wzBbp5FwSrSBjlF3ncTjsfmx1oqLkv5f5Nii20n6fmkeez6XdeHprW41TT7W7t7hWMObjzYZcHBw8L9QewbjjNaHjPQ4bPx1Ppeg2ThSsXlW8W6RiWjViBkknkmsW1jvdU8qxS5Ty4QzRR3N2kUcecbsGRgoJwOnJxXot9qFlp/wAWk1uW+sZNPnjFutzBdxTGJjBs3FFYsAD3xSKvv/XY4i58Ia3aKrSWscimcWxaC5imCSk4COUY7Dk/xYp174M17T7e5lu7EJ9kG6eMTxtJGu7buMYYsFz/ABYwRznHNdBoKweGNMvrfUtSsHkv7y0SFLW7SYbYp1dpGKEhVx03YPJ44p/9qWb+LvHU730DR3VldJbyGYYmJddoU5+bgcAdhR008/wQK/Xy/G55/XSz+HdK0/Q9Kv8AVNVvI21KJpUit7BZAgViuCzSr6elc1Xbav4i+y+EfDNvYPp1xJHayidJbWC4aI+YcA71Yrxzjih7fP8ARi6/15HP6f4b1HVo3m06JWthMIEmuZo7cSOeQo3sAWxztBJFa/gvSrabxrFoHiDR45TLKySiZ5UkhKqxwNrgdQOoNX7W+s9T8C6TZwWuj3V3p8swng1G8a1I8xtyuh82NWGBg8kjA4xU/h69uNQ+Kkev61caTZrFJtuGXUIVRcQ7BtzISw6cgnnNN6OwPY5LQdON9r0US2sF4iSjdazXqW3nDONgdmHJ6cZNSy6Bf6n4n1DT9I0lopoHlY2KTCRoVU8qGJ+cjpxkmrOjaRPb+L7NprnTkS3uYp5JDqVvsCb88NvwTweBk+3NdXpVtJ/wsbxJcW11aSJeWd/JbywXsTjB6EsrHZ1H3sfpU30Xoy3Zya80cPfeFtY077P59pvFzKYYjbSpOGkBwUzGW+bn7vWppfBuuQSRK9rG/mXItMw3EcoSUnAR9jHYc9mxXW+GNY07whZ6Raavd20sp1R7yUW0q3C28fktECzRkjJY5wpJAH0qGz1ubwrdM0dh4fSxe8ga5l0/UTcSSrHIGDKrTsw7/wAPfnFWkrq7/rQh3s/67mRL4Lt3j1eHTdWa7vtGiMt1H9kKREL/AKzZJuOdp4+ZVzjiqOoeHrPRIEi1nUZY9SkhEotLa1EgjDKCokdnXaxzyAGwPyrsL/VbbT5Namiv9PTR5LWeOytrK6WSS7mnUjzZVB3AgMclwNv3VHren8S/afFzazca7bP4Xmtd0untcoS2Y9piNvncX3/xbcY5zio15U+vXy/r+tx/a/ryPPNLOiDw1rP9pDOqYh/s85fruPmdPl+7j734VU0vRNR1r7T/AGXatcfZYTPNtIG1B1PJ5+g5NUK3PDNqLo6nu19dG8uxkb5nK/aun7ngjOfTn6Gq3u/62H2Rh1qaDo0es3whn1C3sYgyKXkO52LMFCog5Y8+wHcisutfwzZvca9aTCa1ijt7iOSRrm6jhAUMCcb2GenQZpx31IldRdiLxBpP9heIb3S/O8/7LKY/N2bd2O+MnH51m11PjyGOXxxe3iXdpLaXtyzRzW9zHNheOSEYlevQ4zVTxj4Y/wCET17+zhepeo0KTJMqbMhvUZOOnr0xWcW+VN9TSVuZpGDW3fro0nhnRY9LQtrDNKL4DeSfm/djB+Xp/d/GsStTwzs/4S3SPNxs+3Q7s+nmDNWtdCG7K51kHhmyh1ePR/7BudQtopBbahrMYl/cTEDdsKnYoQkfeBJwemRVOT4dTR32ixHUF+z6lb+dPcGHizwgkYNzg4VgQcjOa7mW/wBOSaT/AIm1hbyRxCJo5LlEdJPtpe5ypOc4UH/a/hzXIeJfF0tlql1pum3UFzp1xDaB5I237NkaBghBwM4ww9sU42kl3v8A5/h/wwNNNrpb/L8dTAl8H6i2sXtjZGCVba9ks0lnuIrfz3VsYUO4yenAzjcPUVHa+DtevBdmHT2UWMnl3RlkSMQnBPzFiMDAPJ49667ULbQLi4vNSsm0i9vJtXunuZNQ1BolgjEhKNGsbq0gI5yu49gKseMNX0650vxglrqFrK1zqFq8Kxzq3mqEGSuD8wBqZe6v68v82CbdvP8A4P8AkjkNN0l9K8VWOna/pVvcpevCFEkzFTHIwAkR4nAbjPOSKi1TQZZ/G+oaPoVm8nl3cscMKEnaqsRySeAB1JPHUml8N/ar/wARabNc3sPk2E0PzXl6kYjiV84XzGGQOThfXpzXUCa2tvGHieOa/sETXYbmKzu1u4pIwWfcN5VjsDDjLYof+f8AwB9H8v8AgnKf8IdrjXFnDFaJOb5ilvJBcRSxyMM5XzFYqDweCc08+C9dQw+ZaKvm3EdscToxikf7qyKpJjPswFdf4QvLPw9Ho2nanqdkJ31f7a/l3SSRwRiF0y0ikoCSemc4AzWFo15C/hTxLBLqMNvc3V3aNE8suCcSsS4xliBnJIBxTt/X3f5sWtm/66/5GbrmiaXo9xd2SavLNqFm2yRGstkTuCAyo+8k4OeSqg4PPTLF8Ha69r5y2PJh+0CAzRicx5+/5O7zMe+3pz0rqv7RNxo18fHs+k6g8FuF0+eK5hnu2lX7ilomJKfeLb+5HerX2yyX4nf8JkdWsv7K2/aABcp5/wDq9nleSDv3Z46Yxzmk9P6/r+vUfXRf1/X9aHD6d4W1bVYYpLGCJzMGMMTXMSSyhc5KRswZhwRwDyCO1PtPCOt3um/2hFaKlmHaNp57iOFEYEAhi7DackDnGe1df4dttA0+fw3fWb6OwHly315fag6TQS7+VWJXHA7EqwPUnGTVLxbqVnc+DBb215BLJ/bt3MY45QzbCTtfAPQ9jRLT+vNL9Ra6f10bObHhTWft17aSWggksMfaWuJkijiyflzIzBec8c89s0n/AAi2s/2xLpjWRS6hjM0oeRVRIwM7zITtC4/izjkc10ejaxFqngq7069NlfamL5brZq128QmjEYjGJPMQFl/us3TOBxSprusHXcKvh+LydNWy+xPdo9tcQBjhTIZGG4ZzzIDx+Bb0f9dv8w6X/rc5j/hHNUbVbfTorYT3N0N0IglSVJBkjIdSVwMHJzgYOcYqHUNHvNMSJ7oQtHKSEkt7mOdCRjI3RsRkZHGc8j1rrJ3sdI8T6Xc+FJtPsr8Wpa7tpLvzrUSY5jErEqQynBy2ATjcDzWf4rg0ZNJsJ7aCys9Xkd/tVrp939og2Z+VshmCnttDHA7Ck3/Xz/r/ACsUtzla2tROif8ACLaONPH/ABNszfbzl+m7931+Xp/d/GsWijpYXUv/ANiaj/YP9tfZW/s7zvI8/IxvxnGM5/HGO1UK3Pso/wCEF+0/2+uft23+x95z93/Xbc/hnH49qw6HuHQ6bw14Qj8QW80kmrW9tIsEs0dui+bIwjGSWAICA9Bk5PYY5rma7j4cQpa393fXd5YW0E1hPAnn30MbFyMAbGYMM+pGKx/Dvhf+2vF0Wg3V/DaPLkCaJluEJ27gAUbac/X9eKNXKy7f5iuuW77/AORz9KMbhnpnmpr21ax1C4tHZXaCVoiydGKnGR7cVBRGWzQ2raHWXWk6Hrnj5rTw5J9m0XYJGmw58uNI90jfP83ZuvfFaFn4at9fUwJ4dudEjleD7BfuJW85GkRDv3nY52vv+Tb930qj8PDAupaqbvHkjTJDJkZ+Tem//wAd3V6LHqelDWI5Ztd0zyzqU88pF5G3/LWHyu/Ty069BjB54qo2TSe3/B/r+mTJy5W1/Wn9X9Tz4/D2RLrXUm1BY4dLtzNBN5Jxefu2kUKM8ZRST1x71iw+FNYuLNriC2jkCw/aGhW5iMwj4O/yt2/GCDnb0IPStyw8X3N6Dp2pTxC2tdPvo4ZCcNIzwuF3Enk9FX64710uhx+HdE8T2s+mzaKmnC0IXUJ9RY3MrtC2QYw+1DnjDIB75IFJq0L+X+Zf23E4S28E6/d2drdRWcawXmBbyS3UUYlJJAVdzDLcH5evtV/wtptnef21p2r6TF9psrC5nEzPKksciAAKQHC4BzwVpfFGoxSeGvCS2V4jT2lo+8RSgtC/mZGcHKnoaseCUkabWL/UNQskN9ptzCr3WoQpJJM+MZDOG5OeSMe9LpK3n/wBQd+Vvy/4JQ8A2un6p4qtdK1XTYLyG6Ygu8kqvHhGPy7HA6gdQax7DR73VrqaLToPMEKs8js4RIlH8TOxCqPckV0ngGxOm+OrS7v7zToLezkYTSPqMGBmM42/P8w5HK5FO0yJIfDuv+H5ruwgvb0w3EEhvYmilVGJKGUMVU9wCR+FHn/X9dQ6f15mMPBuvvfLaRae000lubmPyZEkWWMdWRlJV+vRSTT4/B2prqmm218scMGoXQtUuYZY7hFbcAQSjEZGfukg12Gk6pZaTpdnpU2qWpu7PSdQMjx3ClEeYKUjWQHazfL/AAk8nFZnhjUbK38NaFFPeW8UkXiaOeRHlUFI9i/OQTwvHXpVxSckn5fnb8ha8t/X8rnH6lp7WGt3enIxna3uHgDBcFyrFc45646VeuvCOt2dnNcz2YC26q88azxvLAGGQZIwxdP+BAYrbmiGlfEF/EFxNp9xp8eqG4PkahBK7IZcghFcseDnp+VXbd7bQta8Saxd6pYXVtfW1xFbLb3KSPctMcrlFJZAOp3AYPFRHVK/9bfmN7uxzC+Dtde185bHkw/aBAZoxOY8/f8AJ3eZj329OelSW3gfxBdW9tNFYqI7tFe2aS4iTzs5wE3MNzcH5RyOOORXYfbLJfid/wAJkdWsv7K2/aABcp5/+r2eV5IO/dnjpjHOaZd2bPN4Iv7i+tLSysrCGaVp7tFZQsjMSsed7EgADapycCj8P03Eru9u337f5nE6f4Z1bUo3e3tlREmFuWuZ44AZT/yzBkZct/sjJpsXhzUZJ54JBa201vIY5Iru9ht2Vv8AdkdSfqOK7bUdZ07xJocJsbTSbiaC/u5JLfU7xrVlWaUurqfNjVuODySMDtVXT5DqvirU/EutSaOL60CfZ7IX8KxzThQqEFpMFFwGJ3HJ4HcUddRs5caT/Yfiy1sfFESxxRzxm7jWUPiMkFuYyf4fTmq2rrZy+ILxNEQmya4YWqjcSU3fL97npjrzSavFdx6nK+ozQz3M5MskkNxHMGLEkndGSM57VTjAaRVLhASAWPRffinHWyYPROxc1fRr/QdSew1a3NvcxgFkLBuCMjkEg1TijM0yRqVDOwUF2CgZ9SeAPc1seLbYWniS4iGuDXsKh+3hy3mfKOM5bp06np+FY8aGSRUUqCxABZgo59SeB9TSWoPQ6HXfCkWj+HbLVINVivxczyQMIIyI1ZOpVycsPfA9sjmucrvNYsv+LY6VYrfaY91ZXE808MepW7MqnkYAf5ifQZPtWHD4WWfwDceJI9QQtb3Qt5LQxkEA4wQ2eevTHTPPal1fy/T9Q6L5/r+hz9bXhw6IH1L/AISEZX7BL9k5f/j442fc/Hrx61i0Uw63Om0PRYjov9pT6dLqt1cztbWOnoH/AHpVdzyNsIYqoI4Ujk9cCta68CDUNLutTs4ZdKnt7NJX0uWNiTLulDou47lG2LeAdx+bGa2fD01inw+sIbq7t7V57eWMPPIEBT7WpmAJ6nywvHUjoDU3ijxJFp1hcX2m6pZXN8NVWVYop1k3RB5yAdp5Uq65HbODzT0cW/6vdL59WJXuvX9G/wDJHFal4KubGx0WSC4W4utTSRpLfaI/s21Uf5mLY+44Yk4AHWqbeEdaFxYwpapKdQcpayQXEUkcrA4KiRWK59ia6jTr/SfE8Vm/ia4t/P8AP1CcW8k/kxvIUhMaM2cohwwByPu4zWxpGoabp9j4egnuNGspIdcE00FnemRIUMX3mZ3YfirFe3XIqnFXXy/F/oTdqLfa/wCB5/feFNZ0q1lur6yVY7ZkFwgnR3h3fd8xFbcmfcCr3iGz0/8A4Q/QdVstOhsZ717hZlgkkZTsYBeHdiO/esvUbueXW9TitLtvJvbpt4E22OUeYSpY5wRnByeB1rotdsCfh9odql7pslxYNdPcRR6lbuyhmBXADncSB0XJrKLvFNmtkpWMu60k2vgiO6k0mBna6A/tSHUklwChIiMSsdp75OD2plv4I8QXUNrLFYoEvED2xkuYk88HOAm5hubj7o5HGRyK2Y9NYfDGXTje6X9sbU1uhF/altny/KIz/rPXjHX2qabU7Rte8BN9uhMNnb2wnPnDbAwmJbdz8pxjOa0SvK3ml+BP2b+T/M5aw8N6pqXFvDEh83yALm5jgLycZRRIy7iMjIGcZHrTYfDupy3VzA0CW72jhJ/tc8cCoxzhS0jAZODgZycE9q7Ga10GaObULRtIvL2XU7lrp9Qv3iFvGHJRo0R1ZwRzldxzwBV3XovD+ra54g1CCXStS1BryJIY7zUPIg8ny1zIrB03nIII3cY6esLZP+un+Y3/AF+Jw134U1qwhvpbuxaNNPKC5zIh2b/unAOWU9mGR70238L6xdWUN3BZ7oJ4Zp428xBuji4kbBOeM/j2zXoMuq2d941stHgurWey1bRItOmNrIzxxyYbYRuy3ytj73zAHmqcerWcPje60ZryKG0s9Im0i2lmYJGZNmGZm6Dc+7k+1N6X+f4X/wCB94LfXy/G3/B+48/OmXg0ddVMP+hNObcS7h/rAu7bjOenfGKv+IjohTS/7AGG+wR/beX/AOPjnf8Ae/Dpx6VsarFbad8MbbTTqVlc339qmeWC2nWQxAxADlSQ3QcjIycZyDXG03u0vL8v+CJbX/rcv3eiajY6TZ6nd2rR2d9u+zykj59pweM5H44z2qhW5qlqIvCujzDX1vTJ5v8AxLg5P2L5vTPG7r0GffrWHSe7QdEdNYeEI7zwxf6qdWt/Os7Zbk2kK+YQrNtAdgQFbvgZI74rma7vwjaCDwj4ijnvdNhk1GzjW2STUYFZyHyQQXyvH97FY/hbwl/wkmpahYNqMNpPaW7ypwJVlKnBAZTjH+0M8cjNJ7v0/wAwW3z/AMjnKuaR9iGtWX9qjNj9oT7T97/V7hu+7z0z05qnRVJ2dwOmttK0jUvEur3EJkTQbDzLgeWTueMNiONS3ILEqMnnr6VoyeE7jWreGG38NyaDqL3ixRpL5yxSQsjsXbzSx+Ty+SOMN0zirfwuns7aLUZtRkjjgjurJneQ4VR5jYJPYb9nP9K6CLxFpujDSzfapaTQvD5FybeZZmjkf7QZXwuTgM6c988ZoW39drr73ZCk27teX5/pqzzi60nSDMbbRtXmvrvzFSNXs/KjmJIGEfeT1OfmVRgHnOAaw8P6mb3UbQW37/TI3ku08xf3aocMc5wcE9s11+lx2uhaFfprFxoc5tbm1axntZLaWZwJw0jAp+8xt/vduParsq2Ntq/jTU5NZ0xk1KzuVs44rtHabeyt0B+U9BtOCTnA4NLS1/J/loV1t6frc5M+A/Ea+Xu09VaaMyQxm5iDzKF3Exruy+Aeig+nWp/DGgSTTmefSrPWont3ZLVdYihkUgZ37Q+/gA/KRVjx3q4PibT7zR9Qy8GnW6LPazcxsE5AZTwRnpTPhp/yOP8A253P/opqTekrdL/hclN2i31t+Nin4c0k3VhqVy+kwaoiWshVf7SSGS2KjJl8vduYD0xg1L4W8JDXrLUriaeGNbeykmgAvYUbzFIA3qxyqcnkgDpzVzwHbCFdVubi7sLeO60u4tohPfwxs0jAADazhhnHUjHvUPhARWGpa3pl/d2lvLeaXNbRStcoYTIdrAeYpK4OOucZ4qu/p/mNbfP/ACM7TPDE194ii0u5ureFWjaaW4gmjuEijVSzMSjEdF6ZHatCHwQJPG8mgvqBEIgNxHeLBu8yPy/MBC7h1HHWrGiJY+GNC1u41iSC5ubqJLKG3sdRhaQo5zI25d4AwoGcHrjvW/o/iDRLjUPD2oxypZy21hd2MyXlwjsqpGPK3HaoOd5A+UZxjnFJ7O3RP8n/AMD8Rf1+X/B/rfiLXQ7TWdUtNN8OXd1dXdzJtxd2iwIgxktlZH6AEnjoKi1TT9FtBNHp+szXk8LY+ey8uOXnB2NvYn1+ZVyAe+Adfwr4vWz8XWN5rKW0Vogkike0sYoSqupXcRGoLY4POe+KydV8PPpfnyf2jptzAjYie3vY5WmyeMIpLDjn5gAMeuAQpDtROif8Ito408f8TbM3285fpu/d9fl6f3fxqp/Ymo/2D/bX2Vv7O87yPPyMb8ZxjOfxxjtVCtz7KP8AhBftP9vrn7dt/sfec/d/123P4Zx+Pam+r/rcOyMOum8NeEI/EFvNJJq1vbSLBLNHbovmyMIxklgCAgPQZOT2GOa5mu4+HEKWt/d313eWFtBNYTwJ599DGxcjAGxmDDPqRik78rt2Yuq9UZPgiysdX8SQaPqVmk0d8TGJxI6yQHaxDJg7Tzj7wbpVLQxpceuLBr0TSWcuYXkRyrQk8CQeu084OQRmtHwfpk4+IumWJulgmWcHz7WWObbhd3ysNyH07j19Ky9TlGra6/2HT4bVppdiQW+4hmLcfeJ5OegwPQCnu0HR/L9RNe0afw/rt1pd2Q0lu+3eOjr1Vh9QQfxrOrqviPNHJ40nhidZGtYYbeWRT950jCt+ox+FcrUrYbCiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKK6u88G/ZbGe4+y+Jl8qNnzPoPlxjAz8zecdo9Tg4qYeB8pn7J4q6Z/5F7j/ANHUAcdRXV2Xg37XYwXH2XxM3mxq+YNB8yM5GflbzhuHocDNc1dwfZr2eDEq+VIyYmj8txg4+ZcnafUZODRs7AQ0V21paQ3nwjjS41C2sFXW3Ie4WQhj5K8Dy0Y5+orS13SZLm80QW1hb6xFa+HIGMkk7QW6jzHG9mYocYzgEqc/Qgtqzt/W1xX2/rrY83q1pum3er6lDYadF51zO22OPcF3HGepIHau5uPDnh2DVvDNzqYh0+z1KKT7TDDd+bbiRDtGJQzkIzYydx288jqLHh7SJtP+IHhyeTRrWximnk8u5sLpp7e4UKQCpLvgjB/i6EcDHJ11B6JtHmrKUYq3BBwakuLS4tDGLqCWEyxiRBIhXeh6MM9QfWuxaHQ77w/rOqWmiRRNpNzAEEs8rG5RyykS4cc5G7KbfTpUvj7UbX/iURf2NY75dFtiku+fdCCpwF/eYIHbcCfXNL7N/T8VcuStJr+tzhKK9E0DwlDfTxabrGhWtj9osmkjuDqI+2B9m4OYTJypIPy+XwD14Jq1ofhLThB4dludA/tHTr+B59Q1KWWWNbfGcjKsqoFAzlgd2Tg07a2/rr/kRfS/9dP8zzGiu30bSdI1PT7s6Va6dqGrNqBSGwvLqSBfIOdvlDzFLEnrlyQAOOcnktTt2tNVuYHtZLMxysPs8rbmi5+6TgZx645pf1+X+ZVirU9neS2F5Hc24jMkZyvmxLIuf91gQfxFaOgaH/bRnHlarJ5W3/kHad9qxnP3vnXb046559K038G7b+K3+y+Jf3kbvhtCxIdpUfKnncj5uTkY+Xrnh6pk6HOX9/danfzXuoTvcXMzbpJHOSx/zxjtVeuruPBvkTWyfZfEo86TZiTQtjH5Wb5B5x3Nx044yc8YMOr+FP7M0uW7+z+IE8vHzXujeREMkDl/NbHXjjk4FLZDObVirBlJBByCD0rc1HxS+qLPJd6VprX1xGElvvLfzG6Zbbv2BjjlgoPJrCoo3AKKKKACiiigC5p97b2fmfadLtNQ34x9paUbMZ6eW69ffPSpL/UbW7gWO30axsWDbjJbvOWIweP3kjDH4Z461n0UAFFFFAGjrmtXGv6q1/eJEkrIiERAhcKoUdSewrOoooAKKKKACiiigB8MrQzJKgUsjBgHQOpI9VIII9jxVnU9WvdZvPtOpTmaUII1+UKqKOiqoACgegAFU6KACiiigDefxVJPbwLfaXp17c28H2eK7uI3MgQAhcgOEYqDwWU9B1xWDRRQAUUUUAFFFFABT4XWOdHeJZlVgTG5IVwD0OCDg+xB96ZRQBs/23p//Qr6T/39u/8A4/WNRRQAUUUUAFaOj61caJNcy2iRO1zbSWr+aCQFcYJGCOazqKA63CiiigAooooAKKKKACiiigCezvJbC8jubcRmSM5XzYlkXP8AusCD+Ipb+/utTv5r3UJ3uLmZt0kjnJY/54x2qvRQAUqsVYMpIIOQQelJRQBu6j4pfVFnku9K01r64jCS33lv5jdMtt37AxxywUHk1hUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFWbG6htJzJcWFvfKVwI7hpAoPr8jKc/jjnpVaigDTu9Vs7m1eKHQdPtHbGJoZLgsvOeN8rL7cg9azKKKACiiigAq/pmtX+jGZtMmW3kmQo0qxqZFBBB2uRuTgnlSKoUUAFFFFAF3SNWutE1SK/sSoljyNrruV1IwysO4IJBqTUdVivbdIbfSbDT1Vy7G2WQs5Ixy0jscD0BA5rOooAKKKKACiiigAooooAKKKKACiiigArR1TWrjV4bCK5SJVsLZbWLywQWUEnJyTzz2xWdRQAUUUUAFFFFABRRRQAVfutav7zTLfTpplFnbHdHBHGsa7sY3EKBubH8TZPvVCigAooooA17DxDJaaS2mXVjaajZ+b5yRXQceU+MEqyMrDIxkZxwOKz726+23stx5MMHmNkRQJsRB6Aen61BRR5gFFFFABRRRQAUUUUAFFFFAGrouvy6CzzWNpam8IIivJA7SQZGMoN23PuVJFZZJJJJyT1JpKKOtwCiiigAooooAKv2mtX9jptzY2cywwXQ2zFI1DuvHyl8btvH3c49qoUUAFFFFAGjo+tXGi3EzwRxTxXETQz286lo5UPY4IPUAggggjrUeo6jHfmEQ6fZ2EcSkBLVW+Yk5JZnZmJ+pwO1UqKACiiigArctPFE+n2UsVhYWVtczW/2aS9iVxK0ZxkY3bASBgsFB6nOTmsOijpYAooooAKKKKACiiigAooooAKKKKANTQtel8P3bXdna20l2ARDcTBy0BII3KAwUnn+IN0FR6NrNxoeom/tEhe5CMscky7vKYj768/eHYnI9qz6KAHO7yyNJIzO7EszMckk9STTaKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoroNY0HStGuLiwl1qSXUrdSJEjs/3AkHVBJv3E9s7MZ9ByIl8Ha69r5y2PJh+0CAzRicx5+/5O7zMe+3pz0o6XDyMSitFtA1NbnTrc2373U1R7RfMX96Gbap68ZI74q7H4K16SHzvsaRw+a8Pmy3MUaeYjbSu5mAzngDvzjODRZgUTrNw3htdEKRfZluzdh8HfvKbcZzjGB6VrR+OtQFoLSezsrmzNhFYPbyo+2RI2LIxKsGDAseQQParGieBLi8OsR6oY7WewtJXSI3sMbiVSAA6schOT8xwOnPNYsXhzUp9Rayt0t55UiMzvDdxPFGg6s0gYooHuR1HqKe/z/4b8kH6Fy88Xz3y2EVxpmmG2sEljitlgIjKOckH5s5HZgQ3cknJqW38cX1jc6c2n2VjaW+nStNDaxq5jaRgQWYs5cnBx97HAqqvg7XX1KKwisDLcTQG4iEUqOssYGSyOGKt+BNQ6n4b1XSLVbi+t0EJmMBeKeOUJIBko2xjtbHY4PX0pb/15/5/iG/9f10/AZb65c22j6lpqJEYdReN5WIO5SjEjbzgcnnINWbvxNJqGl21pqGm2NzLaW/2aC8YSLKiDO0fK4U4zxlT+NT+JtLsdAtrPShEX1cIJ76ZmP7ouoKwgZxwCCTyST17U/VdPstK8G6PKLOOa81RJJnunkfMQV9qqighegOSwPXtQ/6+7/Id7u5ZT4iagmqLqh0zS31LyhFJePC5eVdmzkb9qnHdQp4x0yDuy/2Vqi+HAyaLqFnFYww3V1qGo+RPDhjvTy1lQ/KOB8jE8ctXHA6J/wAIQwI/4nv2/g5f/j32f98fe/GtjRPhtqur2unTSRXlqL24aMlrJisUQQMJScjg5wBxnHBqv+B/X4i/r+vuM19Z0/TdUuE0/SbDULOG8keymullDiPd8udrruGADhwe/wBKydS1G61fUp7+/k825uH3yPtAyfoOBW/4a8Eya9Nex3d4dNa2lW2RZoCTJO27EeCRtPynPUj0rN07wtrOrW1zcWNnvhtX2XEjypGsRwT8xYjAwDyeBUf1/X4fgH9f1+P4mRRWwfCetDUvsJsx5v2f7Vv86PyvJxnzPN3bNn+1uxnjrUX/AAjuqHVLfTorYT3N0N0It5UlWQZIJDqSuBg5OcDBzjFVZgZlFbf/AAh+ttdWUEVpHO18zLbPBcxSxyMOoDqxXIx0JqO/8Laxpti15eWgWFHWOTbMjtCxGQrqpLIfZgPSkBkUVsXHhTWLaxnu5LaNorbH2gRXMUjwZ6b0Viyc8fMBg9a0Z7TTrr4a/wBqxabBa3sWpJamWGSU708osSQzsMk+gFALVnLUVtaWdEHhrWf7SGdUxD/Z5y/XcfM6fL93H3vwqppeiajrX2n+y7Vrj7LCZ5tpA2oOp5PP0HJoAoUUVqaDo0es3whn1C3sYgyKXkO52LMFCog5Y8+wHcimld2E3ZXZl0VsarYR+GfFd1YTxxamlnK0ZEwdFl46kIwYevDVZ8XaXZ6B4yltrWEvZr5UywSOT8rorlNwwcckZ64755pJppNdSmmm12OeoroPFWi2tj9i1TSN39lapGZbdXOWhYHDxE99p4z3GK5+gQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1fiHSIf7fvNXstS02702WVruNvtaCRgx3BDFnzA3O3G3A74GSOk+2WS/E7/hMjq1l/ZW37QALlPP8A9Xs8ryQd+7PHTGOc15hRSSskl0B6u7PSbM2Oo6h4M1I6vp9tbaZBDHdefcqskbpKTjy87jnI+bGAMkkAVn+MtStbnw9YQWt7DMV1W+leOOUNgNINrEA9CM4NcNRVp2afZ3/FP9AWn9eVj0261LTrr4j+LI01G0WPU9Okt7a5aZRCzlEIBfoPukZJxmsrwy1vpem69ouonS5Lu/hie3E16pgk2MWKNLFIApPbLAZAz154eipWiS8rAeneH9ba01ywtdTGjaZZ2djeC3+x36yqDIuSC5lfBJHAyOprzyzv5bdoYnllNolws7QBzsZh/Ft6ZxkZ96qUUJtS5v63b/UnlTTXf/Kx1PxBQxeP726ZVnt7pkuoGOdk0TqCMEEEjtwexqTxmPN0Xw1eIfKhnsmEdov+rt9rkEIT8xBPPzFjnueMYt3r13faFaaXdiOWOycmCZlPmop/5Z7s/dzzjHH04pZdeluPD8Gk3VrbTJalvs1wwYSwhmDMoIYAgnP3gcZOKVrRSXT8rF3u7vqZdep6HrPhuy0vRHTzI5LO0v7gRvqMWVdgV2N+7BLMB8vQjjhq8sop9LC63O8OtaHoXh3RLeCG4uZvtTaoRbaggMD7sRo58tgWCqMjC9TxzV3xDqWjyeHPFS6XdwBb++tLqKESjc25A7gDOTtZiD6EYrzaih6p/wBdv8kK2qfb/g/5s6Twxq+qR3kvk3dlOBafZjaatOBFNDn/AFYLkAAE7gNy98Z5B6iwufDGkeIBHbfYrWXUNIktriL7U81rBcPjA85TnaQOSGO3PXg1wGmaVdaxdC2sfIMxxtWa5jh3EnAALsMnJ6DmoLyzn0++ns7tPLngkaORMg7WBwRkcHmm/P8Arf8Az+8a0/r+ux6L4d1d9M1vRrK8g0HTNMXUDdM9pqKzYfymXLEzvtGD7DOKxtBu9Pk8M+I7fVb5YRd3lmWO8GRk81i7KOrYBzxmuNoov3/rb/IOjX9df8z1IDRdIi8URWR0O1tZdOmhs3g1Jpp7ofLjI8wqCfTarZ6AgGsWPTWHwxl043ul/bG1NboRf2pbZ8vyiM/6z14x19q4y4tLi0MYuoJYTLGJEEiFd6Howz1B9aiqX2+X3O407f13Ctzwzai6Op7tfXRvLsZG+Zyv2rp+54Izn05+hrDopiCtfwzZvca9aTCa1ijt7iOSRrm6jhAUMCcb2GenQZrIopp2dxNXVjpviBGreMtQvoLi0uLa7nd4XtrqObI45IRiV698VZ+ITLBrEOnvEk09tawBr5wRLKDGCFIXCYAIA+XdgDLGuWtJ47a6SWa1hu0XOYZi4RuO+xlPvwauanrdzrGvPquoJDLK7qxi2kR7VwAmAc7cADrnHfPNSopRUSm7tyNvXv8ARPhx4bsp8faZZJ7tUP3kiYgL+DbSa5Kr2saxd67qcl9fspkfAVEG1I1HARR2UDgClvNE1Cw0uy1G7t/LtL4MbeTep37Tg8A5H4gU+7EtlFf11ZQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAmtIPtN7DBiVvNkVMQx+Y5ycfKuRuPoMjNdLeeDfstjPcfZfEy+VGz5n0Hy4xgZ+ZvOO0epwcVylFAHYjwPlM/ZPFXTP/ACL3H/o6obLwb9rsYLj7L4mbzY1fMGg+ZGcjPyt5w3D0OBmuUooAmu4Ps17PBiVfKkZMTR+W4wcfMuTtPqMnBrr9Nlk0H4YSaxpTGHUbzUfsj3cfEkMQTdtVuq5PUjBNcVWvpPiO60qwurBoLe9sLrDS2l0rFNw6OCpDK3bII9+1H2Wv63DqmS6TqN5qnjLSJ9RuJLmYXcCmWU7nYCQY3N1Y84ycnGB0Arf/ALLs9V+IniyO/h81YI76eMbiu11JKngjp6dK5218QxWmqx30WiabmHYYIv3wWJlO7dkSBmOf75bsOgAq1/wmdyviCTWLfTbCCecSrdIolaO5En3g4Zzgf7pWh6/j+I07PXuvwLGnaRo8ng2w1HVN8Hma39mubmMsWWDywxwvI4yTnBP16Va8SaVFpitf2vh7TZtLS7KQXlnfSzwyrg/JJiQsG5XkbOQeDnjMufGV1caZaacmnabDZWlyLiK3SAsuduCrbmJYHknOTz14AFa78SSTaO+l2VhZ6dZyyiWZLYSMZWH3ctI7HjngEDmiTvt/W3+TEvP+tzovHuoWx/siL+xrHfNotsUm3z7oQVOAv7zGB23An1zWlL4Q0TT9b/sPUItNit1twsuqy6siXCzFN2/yjLgLkhQpTOOc1xt34mfUdKtrPUNNsbmW1t/s0F2wkWVEGdo+VwpxnjKn8add+KW1JUbVtJ0+/u1iERvJfOSVgOFLbJFUkDAyRnAGc05a382/1BdDcvLfw7oWgeGrq50Nb2XUIfMu3e4lHyK5B2KrLhiD1Jxx05zXGXptjf3H9niUWvmt5Amxv2Z+XdjjOMZxV3U9dudV07TbK4SJY9NhMMJQEFgTn5sk5P0xWZS6v1f5ijdRSfZGz4f1C9tpJIrXxJJocTYZ2Es6q56dIlOTj1x9a0PiKufGtzOluIorlI5o3XbidSo/ejaSPnILevPPNYthqFtZxstxpFlflmyHuHmBX2HlyKMfUGtjSfED33jey1jWNQt7FLN0ZP8AR2KJGhGIo0RTjjgZwO5Oae7QbJ2OYrV8MahYaX4msr3V7Q3dnC+6SEKDng4ODwcHBweuKXxRq8OveKdQ1O2t/s8VzMXSM4yB0ycdz1PuTVCyuvsd2kxghuAuQ0U67kcEYIPQ9+oII6gg0ot6McktUdf4mh1XUNLuNTg8Rr4l0eO4VpGcsslsx4G6N/mjVixA2HBwPQYo+IbPT/8AhD9B1Wy06GxnvXuFmWCSRlOxgF4d2I796py+J5Dpcmm2Wm2NhZTyLJcw24lP2jaQVDM7s2B6KR1NSX/isX+iQaW+h6bFb2vmfZzG1xuhLnLEEynJyP4sil6Dvd3f9bmjbLpS+D7rVtU8P2EW/wD0bTxHLch5pv4n5lI2qOvGCSBxWna+GNL0+DQ49Qs9Puo9Qt0uby6utVS3khWToI0Mi/dHOSrbjke1c7eeLV1C1tbe80DS5Es4BBBhrldi+uBMBkk5Jxk96hHid5dPtbTVNLsdTFmhjt5bnzVdI/7mY3TKg5xnOMmq01JWw+1Hh7TNW1m21WGbUoESaGwmt5AB5gbCSEggEYGe456GsCtfRvEl1oMmoNYQW2L+2e2kSSMuERuu3Jzx7k++ayKXYo6Lwnpts0lxrerx79M0tRI6N0uJf+WcP/Aj14PAOa7HWfFSad450vW9UMytdeH49z2iDcjyI3zKCw6E56153Ya7q2lQtFpmqXtnGzbmS3uHjBPqQCOa0NS8YX2t3VnNrkEOopaW4gjhuJJth6ZkO2QHecDJzzgcU3qrf1s7k/1+KsdRpyRTX2i69rXiG41jRmuJLYHVQ2bW42ErvQs428Icg/XpViOLUL/wlqk/iS4t/EFxaX9tJaRxXi3LnfKFdFKFtquOAvt93iuKvPEst6lnbSWFmmnWZLR6fH5ixFj1Zjv3sT6lvpRL4ovAlrFpsNtpcFrMtxHDaIcGVSSHZnLMxGcDcSAOgFCavf8Ardf191w/r8z0XVxdOnimKPUG1eM22xNCBUnTskHdt3FR5WAv7rdyedtVNLWLQfD2veGYlRrsaLLd6lLgFlmO0LFn0RWOevLGuTl8e33n391Y6fYaffaghS4vbVZBIwJBbG5yqk45KgGo7Hx/4msVuh/a95cfaIGhzcXMj+VnHzp83DDHB9zS6NeX+f8AXcrrc5uul0jwp/aemRXf2fxA+/PzWWjefEcEjh/NXPT04PFc1RQI6u38G+dPcx/ZfEp8mQJiPQtzD5Q3zjzhtPPTnjB74Avg3dqEtt9l8S/JGj4GhZkGSw5TzuF+Xg55OeBjnlKKANjX9D/sU2/7rVY/O3f8hHTvsucY+787buvPTHHrWPRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFdXeeMvtVjPb/avEzebGyYn17zIzkY+ZfJG4eoyM1MPHOEx9r8VdMf8AIw8f+iaAOOorq7Lxl9ksYLf7V4mXyo1TEGveXGMDHyr5J2j0GTiuau5/tN7PPmVvNkZ8zSeY5yc/M2BuPqcDJo6gaDaHt8Hprv2j718bPyNnTCB927PvjGPxq3deD71Z9Ph09vtbXmmrqMhbbEkCHdnc7NtAG37xI64q5YeTqvw3bSbe7tYr6DVPtRiurhIA8bRhcqzkKSCORnNa8+svDrNrbaJe6Vd/Y9Fj0+7ivZVW3uyGO9VdiqkAkEHcM44J6Fu13b+tP8xf1+P+Rx3/AAjuqHVLfTorYT3N0N0It5UlWQZIJDqSuBg5OcDBzjFTt4R1oXNlClrHMb9zHbPBcxSxyMOq71YqD7E12Vhc+GNI8QCO2+xWsuoaRJbXEX2p5rWC4fGB5ynO0gckMduevBqLQ9Vk03WNEsru30HTdNXU1unez1FZtrhCuWJmfauD7DgUJJtf11sKTai2v60ucrceDNetUZprJQUkjikRbiNniaQ4QOgbcmT0LADkUXvgzXtPt7mW7sQn2Qbp4xPG0ka7tu4xhiwXP8WMEc5xzT4dSeLxtKyXrJaXGpK8xEuI5FE24FucEDrk/Wug/tSzfxd46nkvoDHdWV0lvIZgRKS67Qhz83A4A7Cpi3KKfk39yLtq16fjc5eHwprFxZtcQW0cgWH7Q0K3MRmEfB3+Vu34wQc7ehB6Vcj+H/iaWBJk0392yq4Y3EQAVl3BjluFx3PGeOvFdrocfh3RPE9rPps2ippwtCF1CfUWNzK7QtkGMPtQ54wyAe+SBUl1rmmvpeoINTtWZtP0qNFFwvJR8uo5/h6kdu9XZX+79f8AIhtpfL/I88g8I61cTXEa2scZt7k2jtPcxRKZgSDGrOwDNx0Un9ait/DWrXFxeQi18lrEgXLXMqQJCScAM7kKCT0GcntXe+INT07WrV4LCLRb+az1S9LpfXzW4ZZZmZJI2EsauCBg8kjjsayU17VtQ1TWnu08P3C3rRJd6fPeIkTbFAWSOQyAZAGMrITlunonvb+ug76HF3tlcaddtbXaBJVAPyuGBBGQQwJBBBBBBwc1Xrb8XQaPbeIpY/Drg2m1SVWUyLHJj5lVz95Qejd6raHqv9j3zXHmahHujKZ0+8+zSdQeW2tkcdMenpSWpT0M2iuruPGXnzWz/avEp8mTfmTXd7D5WX5D5I2tz154yMc5BeeMvtUAj+1eJWxIj4n13zF+Vg3TyRzxwexwecYoEcpRXV3vjL7XYz2/2rxM3mxsmJ9e8yM5GPmXyRuHqMjNcpQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFdb4n8Q6xceJNQ0mK6ktrBZ3tI7BflgjQMVUeX93I65xnPPUCtdNA0AePf+EMbTd4wYDqfnyef523dv252bQfl27enOc0k7pNdf6/yB6Oz6HndFdpLoGmLrngy3Ft+61OC3e7XzG/elpSrHrxkDtiresab4f0DRbe7OireXE2pXduFluJRGI45QB91gdwGADnHJJzxVcrul5tfc0v1D/h/wucLBaXF0JTbQSzCGMySGNC2xB1Y46DnrUVeqWltp/h7xD4y0q00u3khtdLmdZJZJS7ofLby2w4G0bsZADcDnrXOeHtKstct9X1d9NsYo9OhjWOx+1tBDJJIxUM8kkmQBycBhkgAY7rdJrtf8wOOor0vTPC/h2/1rTftEFsDPY3L3lhY6gJ1heMfK6ursRuByASeh61yVzcaJqtrDb2GlHTL9rwIpileSNoGGBuLsTvBxyoAIJ46ULV2/rewuZWbfT/K5mSaXeRaTDqcsJS0nkaKKRmA8xl64GckD1xjPGc1J/Yt8NFGqvEkdmzFEeSZEaQggHYhIZ8ZGSoOPwrc8fyNJ4yk0qAhLXTQllaxs4CoqgDkngZOSSfXml8ZAWui+G9NYfvrWydpGQZjbfIWG1x8rj1KkjPfrSumrrr/AF/XqVbWzMAaPfHQjrAg/wBAE/2Yzb1/1m3dtxnPTvjFWNO8Narqtus9nbp5UknlRtNPHD5r/wB1N7DefZc9R61WGrXo0U6QJv8AQTP9oMWxf9Zt27s4z07ZxXp+p+ErGa4gj1Oa7WCxtnhtUtZFTykt4Q8sjZVslpGxgY9cngU3bV/15i3aSPJpI3hleKZGjkRirowwVI6gjsabXs2uXGkSw2cGuzRwtZNNq0W4geeftEu+IZ6ljt49q57X7W61bxRqerS6NaXwaGzaSe9u/s1vEzW6EjO9MsSRgbuBng5BFONm12dv6/EhSTSfdX/r5NHnVT2dnJfXKwQtCrsCQZ50hXj/AGnIA/OvSZfCfh2yv9WuLjT2ntYtHh1KK2S7JEbs3KLIpO5eMZ54PHrXCatd6TeWdk+m6ebC8UOLuON2aFufkKb2Zs4yDk44GO9T1t/XVfoVv/Xo/wBStqulXmiajJYanCIbmMAsgdXxkAjlSQeCO9U69I17RIPEPxjmsbyV4rf7OksrR/e2pbqxAyDycViLb6NrnhfWb630pdKm0x4ZENvNJIJI5JAm1hIxywznIxn0oSvoNtI5KivQNW8OWLK0vh3SrO+0hTAE1K2vXeaMsVz58Zb5c/NkbFwSOeMHsv7S0v8A4WQNTilj/tY339kNbHG4ASczY648sbM+tO17L+v61E3ZN9v6/RnhtFdzJpeh6Jqmh6Pe6WuoPqEMMt1dPPIrxmbgCMKQo29fmDZJ7VPquiaH4a8LyXMulrqN4mrXNijzzyKhSNuCyowycDjBHXnOMUnp/XnYXMrpd/8AK55/RXe2+h6JdaTqPiDSbCGa3e8W1s7PVL5bdIfkDyFm8xS3OVUbs45OatvoHhe3h1jUPs0d5Fb6fbXS21vfeYtvM0hVovMRjuXIGeScHg5waHpv/Wlylrt/WtjzeivRYPDGiXujWXiKSy+z266bPd3FjBM+yV4pQiqGYsyhs8859Mdax5Psa+FLbxPpNjFpuoWmoi1aOMmWF8ozq+2UuQRjHUjvQ9HZ/wBa2Ff+vlc5Kiu+1q7voPhzZ/8ACTztdatdXourFbtvNlit9uCx3ZwjED5TweuKeNQ1Gf4c6vfeLbp7mPUXjXSobhsnzFY7niXoigHHGB29KHpfyGrO3n/X/BOLGj3x0I6wIP8AQBP9mM29f9Zt3bcZz074xVKrg1a9GinSBN/oJn+0GLYv+s27d2cZ6ds4qzp9xokeganFqNncTanJs+wzo+Eiwfm3DPcex/DrQ+tg7GVRRW74YufEM14ukeGLiaCe7kBJtj5bnA/ikHzbQMnGcd8U0rsTdlcwqK6X4g3dhe+Nr2XTDE8fyrJLCMLLKFG9x9Wzz36965qpTuimrBV3UdHvtJW1OoQeSLyBbmD51bfG3RuCcfQ81SrqfDdzP4j8ZaJBrEvnwWSBEUooxFErOE4HPQjnnmnp1EZsnhXWIbFruS0ARIRO8fnJ5yRn+Mxbt4XkclcYOelZFeo3uhQWVvq2r3lxdyaw9u63D+YvktJPbSyMgXbnCpgZ3cnsOlY/g7WtVvtP8Q2l7qV5cW0ehXGyGWdnRMbQMKTgYHFO2j8r/lcV9Uv67HDUV2kugaYuueDLcW37rU4Ld7tfMb96WlKsevGQO2KtWegaTN/alvplpYX+rx6q8EWn3948P7gEhfKw6b2z1yxPA455Lfr+DS/Uf/A/FXOGgtLi6EptoJZhDGZJDGhbYg6scdBz1qKvQfCksVhJ4qtJtBhgkt9MuWdLiSYybd6/unIcDHuAp461R8LeIdIt7jUVmRPD093AsVtqFnHJN9lIJLHDOzgsPlypyPzpdvS/5/5B/mcZRXoUXh28vdSlm8T3MWswNo9zPZX8VwXEpjGc7+GJUtjD9OnQCoPCPhzStU0jR5r6182S5137JK3mOu6Lyg23g8c9xz700m3b+t7Ck0o839bXOEq/eaJqFhpdlqN3b+XaXwY28m9Tv2nB4ByPxArX1i58OR/2pY2+ita3FtOqWUyzu5fa2HE25sYI5GxQQcD3qTXrXTU8J+H9XtNLt7Wa8kuBPFHJKUcI6gD5nJHGehHWpTTSaKt71jmpLS4ht4Z5oJY4ZwTFIyELJg4O09Dg8cVFXfeIdUs18DeFnbQdPdZYrrZG0lxthxLj5cS556/MT+HSo/C3h2O6bSYtW0C0+y6g+03VzqXkzuC20NFGZFyBkYGxskHk5AFW95pd7CvY4Wrmk6Te65qcWn6XD591NnZHvVc4BJ5YgdAa6/TfDumNb6hZ2MFjqmtw6k1slpqF00G6EZAMe10DMT1+Y4wOOeeZW9vvDXieS40+OTTLu2lcJHKBI0OcjadwweDjOPekmv69P+CFmZbKUYq3BBwaSremS2UesW0urwyXFksytcRxNtZ0zyAeO3uPqOtGqSWUurXUmkwyQWTSsYIpWyyJngE89vc/U0DdruxUoqxY3Qsr6K5a3gufKbd5VwpZGPbcARke3Q98jiuw+IVzLeaT4UuLhg0kmmBmIUKPvHoBwB7DgUPS39d/8hLV2/rocPRRRQBdtdHvr3TL3ULWDfa2AQ3Em9Rs3HC8E5OT6Zp+naHf6rDLNaRRiCEgSTTzpDGpPQb3IXJ9M5qO21a9s9NvLC2m2W18EFxHsU79hyvJGRg+mK9Is/CdrqWheH7K+kuBZlYQkVs6oz3FwWd3YlW4SJRxjnpkc09PyFf9TzK+sbnTb6WzvoWguIW2vG45B/z371NpmlXWsXQtrHyDMcbVmuY4dxJwAC7DJyeg5r0u7l1H/hDL06BqT2bjUbVFnkv0tWaMWaAAuzKCeBx+lYOsX9pqHxH0B7WaC5uIzax31zbphJ7gSfO4IA3dQN3fFCXvWB35bnF3lnPp99PZ3aeXPBI0ciZB2sDgjI4PNQ11uo6fNqfxQ1aC3046iwvbhzB5vlqQGblmyMKDjPI44yM5rotM8IaRqTaBc3en2sBuNRezurexv/PhkXyy6sGEjlW7Y3e+OamOsUyp2i2ux5hRXd2Oh6P4m0u/TTtPGnS2l/a20E/nO7SJK5jJkDHbnjd8oUdqs3+gaFbSazazWmmWkenxO1ncHV0knuJI/wCCSMS9XweFVSvSn0v/AFsn+oNWdjgJLS4ht4Z5oJY4ZwTFIyELJg4O09Dg8cVFXfeIdUs18DeFnbQdPdZYrrZG0lxthxLj5cS556/MT+HSuBoejaEFSwWlxdCU20EswhjMkhjQtsQdWOOg56122garbXHhO20jSde/4RrVknZpZXLRx3u4/LumTlNq54YY5H4XPDxuNMvfFlnrej2f9oQ6XPLcMS4MuWRtpCOECkEH5QD05p239H+CBannFFdp4YttE1iLXb/UtFiWLT7ETR21rPKgLB/7zMx56Hrx0ANP0DTdA8UXcTxad9iews57q+tkuDHBcbCPLCySOSmd2GJIAA4x1pdbfP8AP/ISd/y/L/M4iiu2vNBsbrTtNktbCzXVZL4W8mmaXqS3H2iIjdvB3yFDwVJJx3xW3o3g/TdUjDanpNjZT2uowQyRafqPnrLHI20q4ErlCCOuV/Smlf8Ar0/zBtJXPLqK9UvfDXhkaKZrbRykstpqLRu1zIdhttwV8bsFidpP8PHTmvK6XS4+tgq7pmj32sNcjToPONrA1zN86rtjXq3JGevQc1Sq5p2rXukm5OnzeUbqBreb5FbdG33l5Bx06jmgOupTorU8Oz6Pba3DL4ktJ7zTwG8yGBtrE7TjuO+O4/oc2QoZGMYKpk7QTkgdqAG0Vb03UG0y7+0x29vPIEKp9oj8xY2P8QU8EjtkEe1dT8VWZ/GgdyWZrKAknudgoelgWr/ry/zOLooooAujR746EdYEH+gCf7MZt6/6zbu24znp3xirGneGtV1W3Wezt08qSTyo2mnjh81/7qb2G8+y56j1qsNWvRop0gTf6CZ/tBi2L/rNu3dnGenbOK9P1PwlYzXEEepzXawWNs8NqlrIqeUlvCHlkbKtktI2MDHrk8Ch21f9eYbtJHk0kbwyvFMjRyIxV0YYKkdQR2NNrvLGOy1PxdrDavpNjJZWt1Pc319K84dU8w/KNkqruJ+VRjqe+KydAS11nxDJaWug6f5E0jS7rmW4K2cI5JLLKuQBzk8k/XFNpp2EndXOZorpvM07UPGEtr4d8O2tzb3MohtLeeWc4HTfkSAjPU5OAPpmq3i46QmuNbaDbQxQWyCKSWB5GWeQfeZd7MQueBz0Gec1N9EyurMvT9PudV1CCxsIvNuZ3CRpuC7j6ZJAFQyxPDM8Uo2ujFWGc4I4NdB8Pv8AkoWi/wDX0tb2vaDpejalp2m3Fl9tvdUulnlv/McRJG0n+ri2kBjjhmOcZ47EPqvP/gf8Ejm38v8Agnn1W9T0u80e+az1GHyZ1VXKbg3DAMOQSOhFdWvh/TD4m8ZWhtv3GmWlzJaJ5jfu2RwFOc5OAe+a6PWLXRdb+JUOhXmmFpry1jV74zOHif7OChRQQu0YGdwOST0FLon3/wCD/kW1ZtPp/mv8zyaiu50bQ9P1Dw7YNo+nWetai7S/b7aa9aG5jA5HlIHUEbRnOH5PTjFU/BupXllqttBJ4nk0a1hukL2skkwWT5vmG1V2dsHeVHrVW97lJb0uclRXfa7o9jotrqetahoyNcXGqyW1vp00hWK3TAfcfKYZOCAAG2855q2/h3w3b6df6w+myyQHSbbUILX7Qw8p3lZCm7OSmV784JwQeam+l/62uPTmsv61sebAZOBV3V9IvtC1KSw1WDyLqMAtHvVsZAI5UkdCK2PEthYx6FoOrafaLZNqMMvnQRu7IGjk25XeSwz6EmsbVdVvdb1GS/1Obz7mQAO+xVzgADgADoBTfb1Ap0Vq67caJcfYf7As7i12WqLd+c+7zJv4mHJ4/L6CsqgAorv31OTUvg7qJaC3toodSgjiht49iKAnXuST1LEkn16VwFLq1/W1w6J/1vYKuaTpN7rmpxafpcPn3U2dke9VzgEnliB0BqnVzStVvNF1KK/0ybyLqHOyTaGxkEHggjoTVaAJY6ZeanfizsYGlnOcqCAFA6kk8ADuScCn6lo97pPkm9jQJOpaKWKVJY5ADg7XQlTg8EZ4rsPBukJfeEdRllmeGK6uCt3LGBvFvDGZXVfQsxQf0OMVq33hbTm8OXGkWVvcy3dvbm8t1uJtzQyOLYyKCoUEbXA5Hr0oSvougm1fybPLK0NT0PUdHktU1KAQG7hWeHMincjdDkE4/HFdLr3hCHwpp1zcT+VqXl39skErh0SaNopGcYVum4AcHPy8EZrP8ZafY2X9izadZpZi90yK5ljjd2XexbON7MQOB3pO2n9dBrW5manoGoaRa21zexw+RdFhDLBcxzK+3G7lGI4yKg1LS7zSLpbfUYfJlaNZQu4NlWGVPBPaui13/kmXhX/rref+jFrq/GWkWFlZ/wDCSanaf2nus7a1t7VXYJE/lA75ihBA9BkZpPRX8w6peT/Bnk9FdzJpeh6Jqmh6Pe6WuoPqEMMt1dPPIrxmbgCMKQo29fmDZJ7Vo6t8N7ee4CaOxt47ezuAXcFzdXEMzx7eT8pYLnjgY6U3p+X3CTT/AK7nB6Po1/r2pJYaTB9ounBKx71XIAyeWIHSqTKUYq3BBwa77SdC0pPiRb+Hb3SoLm3nhgLu8kyujG2V2K7XHViTyDjoMVieGtJsJ4NY1XVIXubXSoVcWqSFPOdn2qCRyF65xz705KzsEXzK68vxOborWGoWc9/A9v4etCzDyzaiWdo5GJ+UgeZvDdvvEH0rR8ZwaZp89rptlp9rbX8EedQe2llZBKf+WY3u33RwTnk56YpdBmLqOj32kranUIPJF5AtzB86tvjbo3BOPoeapVc1DVr3VRai/m80WkC28PyKuyNei8AZ69TzVm/uNEk8P6bFp1ncRanHv+3Tu+Ulyfl2jPYew/HrQ+6AyqKK7/wvqcl18P8AxRZiC3ght7CPAhjwZGMnLuxyWb6nA7AUPRNh1SOAooooAms7Se/voLO0TzJ7iRY40yBuYnAGTwOTU0mkX8esvpJtna/SUwmCP523g4IGM5/CobS6msb2G7tX8ueCRZI3wDtYHIODx1Fdv4GtbvxBe65em4C6hd7Lb7QVHyGdz5jgDGDsV+mOtPTT+vQTdl/XzOU1Lw/qOkwLPeRRmFpDF5sFxHMgcclCyMQGx2ODWbXsfh6x0/w6kV5o5u9rQyagEupFfAWK6RGGFUcgEkHPUc8ZrLv5NMXwjr+neHHW6TUI4tQdYsM0Ze5iEcPHdctx/tCny6pLr/m1+jE5Wvfo7fgn+qPMKK9CPha2m0vXIr/RbPS7nT7M3MDQakJpwVxlZY/MbqCMkImD6ZxTdft/Cfh/WbCxudCeS2nsY5rmdLiQyozx8GIFwoweTu3A57AVL0/r1/yHfX+vL/M5KPw9qMuizatEkElnAFMrJdRM8YLbRuQNuGT6isyut8Nf8iD4w/65Wv8A6OqpqOl2cHgbQdQih23V3cXCTSbid4UqFGM4GMnpTS5pWRSV19/4K5ztFejXnh3w/aeKPEdjBDZ/arXyhp9lf3bxQuCFL/PvUl+eAXHU9ccV9KuLTwzrmsafq9vN4YvrmFI7e7jU3H2I4y5U53bX6BlJIz1PJpKwjgaK9CHhm8ubmXVvFd6us2Nppz3cFxb3G4XoRh+7MmN/DNtO75h0GOMZ0ek2OueHbLUtN0Vorz+1FsZbKzmcrcKyFwQXLlThSCckd6dne39b2E2l/Xlc46ivQZPDFlceHrq6u9MsdPvLG+gjZNP1D7QsiSPtKuPNcqQQecj9Kr+KY/C2keItY0WPQ3iSGNktrlLiR5RPwVyGbb5fOCMFsc5zS62/rp/mPrb+uv8AkcNRXpsvhDRNP1v+w9Qi02K3W3Cy6rLqyJcLMU3b/KMuAuSFClM45zWXo2h6fqHh2wbR9Os9a1F2l+320160NzGByPKQOoI2jOcPyenGKAOT0zR77WGuRp0HnG1ga5m+dV2xr1bkjPXoOapVesdTvtGluxZSG3a4he1nVkBJRvvKcjjp1GDU3h2fR7bW4ZfElpPeaeA3mQwNtYnacdx3x3H9C9HsD0Rl0U6QoZGMYKpk7QTkgdqs6bqDaZd/aY7e3nkCFU+0R+YsbH+IKeCR2yCPakgZUortPiqzP40DuSzNZQEk9zsFcXSQdgq6NHvjoR1gQf6AJ/sxm3r/AKzbu24znp3xiqVXBq16NFOkCb/QTP8AaDFsX/Wbdu7OM9O2cU+gddSzp3hrVdVt1ns7dPKkk8qNpp44fNf+6m9hvPsueo9azJI3hleKZGjkRirowwVI6gjsa9Z1PwlYzXEEepzXawWNs8NqlrIqeUlvCHlkbKtktI2MDHrk8Cua07XtWh+JwtrfU7yG2n1smWCKdljfdN82VBwc1SipOy/q5N7K/wDWhxNFd5renafp0Gsa/fWaajcXGt3FpBbzSOsUYVizOdhViewG4DnPNMu/Ddv/AGpb3ei6Kt1a3OlR37W91dmOC0LMVO6QspKjacZcHkcnBBlar+u1yrq9v63scNRXpkvgzR/sdtrc1skUEemTXdxY2l55sUkkbhAqyhnIViefmJHTIPTmdRtNNvvA8euWdgmnXUV+LOWKCR2ikDIXDDezMCMY64o/r8bCv/XyuczWovh3UjpCanJFDDaSK7RNPcxRNKF+9sRmDP8A8BB54rPt2gW4Q3ccksIPzpFIEZh7MQQPyNdz42uNI/sfw6psb4udIQ2x+2ptjBZsbh5XzHI5IK59qOg1q/68jgqK9FGgeH28NL4y/syUWCweU2lAy7Wuc7d/mZz5XOc56jbnPFR/2d4csZPClrNon2qXV7eFrqV7mRQu5yu5ArDDdznI4GByTR1sLpf+un+Z59VzSdJvdc1OLT9Lh8+6mzsj3qucAk8sQOgNdh4ej1aDxrc6FDr2o2ujaTPM9yY7t0VIInO44UgAnpx3bNYV/wCLtQn8bXPiSxk+zXTys0TbQ2xduwDByD8vFGmnn/SH3MFlKMVbgg4NJVvTJbKPWLaXV4ZLiyWZWuI4m2s6Z5APHb3H1HWjVJLKXVrqTSYZILJpWMEUrZZEzwCee3ufqaBu13YqUVYsboWV9FctbwXPlNu8q4UsjHtuAIyPboe+RxXYfEK5lvNJ8KXFwwaSTTAzEKFH3j0A4A9hwKHpb+u/+Qlq7f10OHooooAu2uj317pl7qFrBvtbAIbiTeo2bjheCcnJ9M0/TtDv9VhlmtIoxBCQJJp50hjUnoN7kLk+mc1Hbate2em3lhbTbLa+CC4j2Kd+w5XkjIwfTFekWfhO11LQvD9lfSXAsysISK2dUZ7i4LO7sSrcJEo4xz0yOaen5Cv+p5lfWNzpt9LZ30LQXELbXjccg/5796gr2K7Gk3fhmDSNUu/s1pqMwaK8nYZjMNvAFLMehKAr05JrG8QCTxLq2n6ha6NDe28ejBljnn+zwQRi4lVDI25eijGNy5PPOCC3G39eQubbz/zsebVJBC1zcJDGUDSNtBkkVFH1ZiAB7k16bZ+DdDudW0aW6sUjhvtOuZZ7a0vPNjSSLjdHIHbr1wWbB4PpXD6nf6He6UBY6QdOv1uTt8qV3jeAr0YuxO8HHIABBPHSp62/rdr9B7/15X/Uq6tot9oksMeoxIhuIhNEY5klV0JIDBkJGOD3qhXe63pn9tav4J00yeWLrS7WIv8A3QXYE1Cmn6Dqd34g0u20r7IdMtJ5rW8WeRpZDCOfMDHad2M/Kq4o/wCD+A3b8vxOIor06bw/4bbxynhmDR9izWfmNdG5kMkUnkbxsG7bjjowPJPQYFeY0PR2/rqv0DpcKKKKACiiigAooooAKKKKACiiigDe1PxU+rtJPe6TprX8seyS+WNxIxxgsV3+XuI77PcYODVg+Ob8z/bRZ2I1XyfJOpiN/PxjbnG7Zu2/Lu25x3pniPQdH8P6le6adVvri9tTtx/Z6LGzYz97ziQOeu38KrR+EdblsRdJZgq0H2lYvOjEzRf3xFu3lffbjHPSldON+g9b+ZcsPHV9YJpzCx0+4udMXy7W6niZpETdu2/eCnuM4yATgg81R1bxNeaxZQW1zHAiQ3M1ypjUglpW3MDknjI4/rWjpNpp2oeBdduJdNgS802OAxXSSS72LyYO4FyvTjhRUHhzSTdWGpXL6TBqiJayFV/tJIZLYqMmXy925gPTGDVXs79hJbW9P6+TD/hNdRPii91t4LR5L+Jobm3aNjDIhUKVI3Z7A8HORUFr4mexnufsem2MVndw+Vc2H714ZgMkE7nLhgeQVYYI+tQ6Z4Z1bV7GS9sLUPawv5cs7zJGkZ27vmLEBRjueM4GckU4+FdZXVn01rLbcRw+e+6VBGsWM+YZM7AuP4s47UttAJ7DxS2laoL7StKsLN/IkhZEMzKwcYJO+QnIHTBArCVijBlJDA5BHauhs/BWoy6oLbUDHZW62pvZLvcJYxAvV1KEh+uAAevHFTjwTJqFjpt74duZL2C/uzZgXFv5DRygE8gMwK7QTkE4waFvdf1r/mLS39dv8hPF9xZa5HbeI7W5iF1dhYr+zJAeOZVALqvdGAzn1zT9bli1TwNoElrc2xfTYpYLmBp1WVSZMqQhILAgjlQcc56VkarY6VYgw2WqTX11GwWQrahIDxyUcvuYZ4GUGevFTaidE/4RbRxp4/4m2Zvt5y/Td+76/L0/u/jS0a+f+f4FW11MWvVL3xTdXmLvTptBmsLm3keVb+4CTQb4wJoSgcOcsmQVUk5GDjIrzr+xNR/sH+2vsrf2d53kefkY34zjGc/jjHaqFMS3ubHiLxLe+JrmCfUI4EeCIxr5KlQQWZskEnnLHpVxfG149lJZ39jY39rI0L+TcLJhXiiWIMCrg5KqM5JB9BTvDXhCPxBbzSSatb20iwSzR26L5sjCMZJYAgID0GTk9hjmuZp3t7vzDfX5HTXXjzU7tboSW9koutPTT3EcJQLGpyCoBwD+GPQCsGyuYrW48yeygvUwR5U7SBfr8jKf1qvSjG4Z6Z5pJXf9f11A6S+8b3t3r0OtQ2NlZalEyt9otxLlwF27Sruy4xwcAZqtd+KJptPlsrHT7DTbe4lE1wlrGxEzKcqG8xm+UHkKMDnpWhdaToeuePmtPDkn2bRdgkabDny40j3SN8/zdm698VoWfhq319TAnh250SOV4PsF+4lbzkaREO/edjna+/5Nv3fSmouVkv6/r9BNpasxrfxncWAlOlaXp2nyTspnkgSQmUK27bhnIVScEhQvTAwKonxDdnxZ/wAJCEiF39r+17ADs37t2MZzj8elbp+HsiXWupNqCxw6XbmaCbyTi8/dtIoUZ4yiknrj3rFh8KaxcWbXEFtHIFh+0NCtzEZhHwd/lbt+MEHO3oQelLa0h94lq28ZXcEdiZbCwurrT08u0vJ43MkKj7owGCttPI3KcVTvfEl9qGhx6Xd+W8aXUl2ZcHzHkf72TnGPwqxbeCdfu7O1uorONYLzAt5JbqKMSkkgKu5hluD8vX2q/wCFtNs7z+2tO1fSYvtNlYXM4mZ5UljkQABSA4XAOeCtD63/AK6hFXtb+rmPpniCfT9OuNOltra/sLhxI1tdK20SDo6lGVlbHHB5B5zUi+I3hs9StLHT7O0t9Sijjlji8xtuxtwKl3Y5J65JH0qtpuh6hqsM01nCvkQY82eaVIYkJOAC7kLk54GcmrqeC/EMl5dWq6a/nWio8wLoAqscB85wV/2gSAMknHND8wXl/X9MfZ+M9SsbXT7aKK2aCyhmg8uRCVnjlbc6SDPIz6YoHi6aM2MUGmadFY2UxuFsRG7RSS4xvfc5ZjjjlscdOtTaf4G1K41MQX7R2dsLR717pXWdPIT7zIUJDntgH8qzJ9OtJ5reLQLm61CaZinkPZ+XLnjGFVnBBz654PHQl6t+f/B/z/EVlb+v62Lur+K/7bvpL6+0XT2u5ZFd5t9wScEHbhpSu0gYxjgdMcVJrnjFvELmTUNE03zhCIYpI2uF8lQMDYvm7BjrjbjPUGqWo+F9X0u0e6ureNoI5fJkkguI5hE/919jHafY4pbjwprFtYz3cltG0Vtj7QIrmKR4M9N6KxZOePmAwetTpYrW5j1q6f4iu9N0DU9Igjt2t9S2eczx5ddhyNpz/PPtirp8B+I18vdp6q00ZkhjNzEHmULuJjXdl8A9FB9OtVdP8KazqdrFcWdqrJOWEAknjjecr97y0Zgz4/2QeeOtPo0JdGY9b2g+K59A029s4NPsrhb4bJpJvNWQp/cDI6kKe4796q2Xh3U7+1kuYoY4oIpfJaW6uI7dfMxnYDIygtgcgciktfDmqXc95FHbLGbE4uXuJkhSE7toDO5Cgk8AZyeaeoeZf0DUrJfGFhqL/YtDgs3WVhGk8qvtbJABLncQcdQOOx60/FGrw694p1DU7a3+zxXMxdIzjIHTJx3PU+5NUb2yuNOu2trtAkqgH5XDAgjIIYEgggggg4OagGNwz0zzRu0GwlbHhPU7fR/FVleXuRbKzJMQMlUdSjHHsGJpfFZ0Q+JLj/hFxjTNqeVy/XaN33/m+9nrVXVNE1HRfs39qWrW/wBrhWeHcQdyHoeDx9DzS3WoM7TXvEOrQ6Tew3Mvh25iciJZ7a4Ek058pofNCI52ny+DuAAzwAa5hfFE0OmXNpZafYWcl3CILi6gjcSSoMZGCxVc4GdqjNYddNdeEI7XwhNrS6tb3MsE8cMtvbrvRC67seZnBI74BHv1ofVv+ug+qsFh46vrBNOYWOn3Fzpi+Xa3U8TNIibt237wU9xnGQCcEHmqsXiUC7kurvRtMvJmuWuVeZJFKMzbiPkddy56Bt2Kw6KOtybK1jctfFup2+v3erzeTdz30bxXUc8f7uZHGCpC4wOB0I6VCutWqzSH+wNMMMgX9wTOVVhn5g3m7x15G7aeOMgU7wqdFHiW1/4ScZ0v5/O+/wD3Dt+5833sdKs+H9ItrmG91O8t5bq3tpEht7OIsGu5pCdkeRzjAJOOewxmna2w99f6/ruPj8c6lDeWskEFnFaWkElvFYLGxhEcg+dTltx3dSS2c96mi8f6hbRafDZ6fp1tb6ddi6t4Y4nwG27cElyzA5JySTnvjArXtvAg8QRRn7FJ4cvkhmMlrLHIUkZWjEe0SNvXd5uM5IyvTmsKXwbcReE7PVvOZru7vFtk08RHeA28KxOe5jYAY/GnZ3/rv/mS+Vr8Pw/yMKa6NzqEl3PGjtJKZXj5Ckk5I4Ocfjn3rZv/ABWL/RINLfQ9Nit7XzPs5ja43QlzliCZTk5H8WRVa58Lata2qXLQQzQPMIBLbXUU6rIeisUYhTz3xVi98EeIdPS4N5YLG1tGZpYvtERkWMHBfyw24rn+IDHfNQkkrIvW5HD4mf8AsK30m+02x1C3tXdrdrgSK8W/lgDG65GecHNXLbx1e2/9mSSadptzdaWixW11PE7OqK2QpG4KcdAduR1BB5p09pp118Nf7Vi02C1vYtSS1MsMkp3p5RYkhnYZJ9AKNJtNO1DwLrtxLpsCXmmxwGK6SSXexeTB3AuV6ccKKd7Ngle3n/mUovEoF3JdXejaZeTNctcq8ySKUZm3EfI67lz0DbsVm6lqN1q+pT39/J5tzcPvkfaBk/QcCrem+GtV1W2FxaW6CBpBEktxPHAsjn+FTIwDHjoMmpofB2vTpcuLAxpaTeTcPPKkQhbG75i5G0Y7njkDOSKVraf1/Wwv6/r8TP0vUZtI1a11C2WN5rWVZUWVdykg5GRRqmozavq11qFysaTXUrSusS7VBJzwK2LTwbevdarbakxsptO0578LtEglUYIAYNjBDfeBNY2nabeatfJZ6bbvcTydEQdB6k9AB3J4Heq7f1/Wwf1/X3kVtMkFykstvHcopyYZSwV/Y7SD+RFbWs+K21vTbazn0jT4BaRCG3lhM26JAc4G6Qg/iCearXPhfWLX7KTZ/aFu2KW72kiXCyMOqhoyw3e3WpbnwhrdoqtJaxyKZxbFoLmKYJKTgI5RjsOT/FikGxqeJdfsp/BWieHraeK/msGeSS8jiZFUMTiNdwDHrycDoOtchW7e+C9f063uZrywEYtRunj8+NpI13bdxQMW25/ixgjnOOaZH4R1uWxF0lmCrQfaVi86MTNF/fEW7eV99uMc9KOrYbWRi16dpvie8bSNHk0W40UvAkUc8Op3CxNbSxAoJBuddytG2OA2MHGDzXF6d4T1XVvKGn/YZnmXckQ1G3EhGMn5C+4cAnkUvh4aJHNqa+IgGAsZRaYZyPtHGzlOvfr8tHl8wWr/AK6j9W8UXd/p9xpbRWa2rXSTg26uAPLjEShSxzt2gdefU1R0fVV0e+W6/s+1vJY3V4jcmTEbKcgjY65/HIpukaPf69qSWGk25uLmQEqgYLwBk8kgCqbo0cjJIpVlJDA9QaNgep0a+NrmPXp9Vt9M0+GW7SWO8jUStHcrJ94MGkJHPPylaltfH99YpYx2Gm6bbQ2N0bqGKOJ8bymw7iXLMMEnJJPvgAVgabYrqF35Ul5b2caoXea4fCqo9AMlj6KASa0PFnh5fDOuf2el2btTDHKJTF5eQwzjGT/OjZW/ruG9yGx8RXunadfWdr5aC9limeTB3o0bFlKnPHJ7g1LqfiNdWM015o2nG9nH7y8j85HZscvtEmzcep+XGSeKxaKNx3bdzbh8TP8A2Fb6TfabY6hb2ru1u1wJFeLfywBjdcjPODmm/wDCLah/z8aT/wCDi0/+O0oOif8ACEMCP+J79v4OX/499n/fH3vxrbg0GHTobSAeHLjX7poo7m/KCbFojjKoojIw23klsj24NO2txf1/X9dTDt9Wi0wpb3WiaVfS2rlRNIZGzhs4JikCSDOeTnI4yRipLfxhqkXiC71i5MN5PexNDdJcR/u5o2ABUhcYGAOhHQVtat8OZbZbOXTLtrlLy/e1EbR/NCvmukbsQcEEISeBisvVvB89lr95YafdwXdvarE32yaWO2jbzIw68u+MkE4GcnBNDTu79NP8xJrp6leDxNJZxajFp+nWVpDqNt9mmjj81gBnO5S7kg/iR7VT0bWbvQtQF3ZeWSUMckUqbkljP3kYd1Iq9D4K8Qz6nc6fFpkjXVqqvLHvXhSQAwOcMOeoyMc9Khn0u68PTWtxqmn2t3b3CsYc3Hmwy4ODh4X6g9g3HGaS3v8A11/4I/6/r8CW08TnTdVtNR0fSrDT7m1k3hoTM4cEYKsJJGGCCemD71fsviBeaYjppmk6VaRvPHcMscUh3Ojbhli5bHbGcAdAMnMXjTRbWw8cT6ZpEMdtCVi8tHmwqlo1Jy8jcDJPJNR+I9JaHUNLtLbRU06W4to9ojv1uVumYkCUMCQoY9s4GKav0/r+rA9nft/X5ky+NdUuoYLFYbJRsuoFZ8oMXRO8li2BjPBOAO+aof8ACLah/wA/Gk/+Di0/+O1Je+DNe0+3uZbuxCfZBunjE8bSRru27jGGLBc/xYwRznHNRQ+FNYuLNriC2jkCw/aGhW5iMwj4O/yt2/GCDnb0IPSlsvQLai/8ItqH/PxpP/g4tP8A47WTNE0E8kTlC0bFSUcOpIOOGBII9wcGtTTvC2rarDFJYwROZgxhia5iSWULnJSNmDMOCOAeQR2qte6LqGn2Npd3luY4Lzf5D7lO4qcMCAcgg8YODR1sBN4d1+68M63DqlhHDJPEGCrOm5fmUg9CD37Gs2RzJIztgFiScDA/KtTUvDGsaRDcS6hZ+SltMkEp81G2uyb1XAJ/h59unWlt9MGl65pQ8SQ+XZXHk3Eg353W7HOfkJIyM8dadrtX9A2RQsrmK1uPMnsoL1MEeVO0gX6/Iyn9a19e8SN4qvIZL6y0+ynykZuovO4QDaAQXYYA54XPFZ+rrZy+ILxNEQmya4YWqjcSU3fL97npjrzSavo1/oOpPYatbm3uYwCyFg3BGRyCQaW6TY7WbSN7x14itNb/ALItbNluDptktvJeLEYxO2B0UgHaMcZxyTwK5OnRRmaZI1KhnYKC7BQM+pPAHua6HXfCkWj+HbLVINVivxczyQMIIyI1ZOpVycsPfA9sjmh6av8Aq4l2/rQ5yvVL3xTdXmLvTptBmsLm3keVb+4CTQb4wJoSgcOcsmQVUk5GDjIryuigFo7nSDxnK2n3dndaRp1zHeXbXc5fzkMkhJIzskX5Rk4HQfXmotP8Vf2bb6jBb6Lp3kagFWWMtP8AKg52KwlDBSRkjJz34wKi8OHRA+pf8JCMr9gl+ycv/wAfHGz7n49ePWrmh6LEdF/tKfTpdVurmdrax09A/wC9KrueRthDFVBHCkcnrgU7fl/wA6f16kGm+Kv7I1Ce7sNF06IzW5tym6chFP3ip83cGI4znp0xzmDyP7fbOnWGlab5I+cfbvJD56f8fEpzjH8Prz2rcu/CEVw/2+WN/D9hDZpNfpPG7m3lMjxiNEb5iWKBgGPAPJ6Vh/2JFqEjDw5cTX/lwyTTJPCtu8aIAS2N7KRg8YbPB46ZTXcFrsS2sWoeE9StNYRtOmkt5gY0jvobjLYJ5WOQtjjrwPfmk/4S3UW0ltPkWGSNbr7XbyOpL2sm7J8s54B7ggjv15qvYeHNV1S3t5rG182O5uvskTeYi7pdu7byRjjuePep7zwfrdhbyTXdokawuiTD7TEWgL/d8xQ2YwfVgBT1X9en/AFp/Xz/AOCX5/H99Kmp+XpumQPqsTR3ksUT7pd2PmyXO09TgYGSSQeMMm8d30t097HYWMGpvbi3OoRrJ5qqFCZUFyisVGMhQeTjFEmhvY+Dr2a40m1uZVnQDU7bVopfs4OMIY42IOcHk+vtUV1pJtfBEd1JpMDO10B/akOpJLgFCREYlY7T3ycHtU6a/wBf1uUt/wCv66EGmeJm0o281vpWnNe2oIhvGR/MQ84baHCMRngsp6DOcVHaa7Fbv51xoun3115hlNxc+cWZic8qsgQjPYrj1zWt/wAIO7eDI9UW5tPtj3phIbU7YReX5YYfMWxvyem7OO3eovC/gw+ImuxPqEdl5Ei28TbRKs8zbtqBgwH8J5Ge1U7p+n/A/wCB8ydLFYeMNQmjvI9Xht9WivJhcSR3asAsoGN6mNlKnHGAcY4xS3XjPUruHUYZUthFfQRW3lpGVWCKNtyJGAeAPfP580aV4ctrnQdS1XVL64s47CaOFo4bUSuxfPq6AYxS6b4ctNVlvbi21GWHSbCESXN5c2wV1JOAqxq7biT0+Yd84qdP69P8hq97/wBb/wCZnXus3F/o+m6dMkSw6csixMoO5t7bju5x19AKz6u38GnRNE2mXs10jZDrcWwhdCMdgzAg565zwcgcZueKzoh8SXH/AAi4xpm1PK5frtG77/zfez1qn37jI9d8RXfiD7D9tjt4/sNqlrH5Me3Kr0J56/TA9AKyqv6pomo6L9m/tS1a3+1wrPDuIO5D0PB4+h5qhS6iOkh8YiHQpNIXQNLNlLIssiFrnLOBgNnzs/gOPareh6/ZaL4B1uxmniu7jVlWOO0WJswEE/vHcgD0ICk846c1WuvCEdr4Qm1pdWt7mWCeOGW3t13ohdd2PMzgkd8Aj361zND1ugXRhRRWx4VOijxLa/8ACTjOl/P533/7h2/c+b72OlMDf8H62YPDN5p1tLYreLM0qwahII4rqKSPy5E3llCkYVh8wPHFS3vj/WtJ8QR3ITRprpbcrJ9lzLGS6xg5IbaWAiT7p2jHrmsTw/pFtcw3up3lvLdW9tIkNvZxFg13NITsjyOcYBJxz2GM10Ft4EHiCKM/YpPDl8kMxktZY5CkjK0Yj2iRt67vNxnJGV6c0Wb1X9aBovd8znZvGF7d6HY6TqFta3lrZTNKPNDhpSd3DsrAkDecYxRq/ir+2YLWK50XTo/scSQQtE04KxqchOZSCOSMnnnrUsvg24i8J2ereczXd3eLbJp4iO8Bt4Vic9zGwAx+NUrnwtq1rapctBDNA8wgEttdRTqsh6KxRiFPPfFDWorqxZv/ABWL/RINLfQ9Nit7XzPs5ja43QlzliCZTk5H8WRUw8d6mdQmuJYLSWK4s0s57R0YwzIq4Ukbs7h1BBBB6VBe+CPEOnpcG8sFja2jM0sX2iIyLGDgv5YbcVz/ABAY75rT8Q+D5H1/7N4dsgsMWnQXU7PMFSPcgLMzyNgZOep+lT0/rs/+CPr/AF3X62M+28ZXcEdiZbCwurrT08u0vJ43MkKj7owGCttPI3KcVLH4/wBaj06ytA0J+yXv20SlTvlfcWIc55XLHjA61ktoGprc6dbm2/e6mqPaL5i/vQzbVPXjJHfFTQeF9WnW4byYYY7ac20klzdRQp5ozlAzsAx46An9arXf+v6vYOljRg8dXUPieXX20rTpdQd96SOJgsXybNqqsgGMeuap2fiibTtSmudP0+ygguYTBcWWJHhmU9dwdy2c4OQwxjjvmxb+F7eLw9c6prl7dWRt7/7C1vDaLK4fbuycyJjoRSaj4MvbfVorTTJY9QhuLMX8VyMRKIDn55C5Aj6HOTjpzzU+S/rT/ICGx8UHTNbtdSsdG0yJrVT5UOyRkDH+MkuXLDtlsDsBVPUtUg1AZj0q0s5S5d5YZJ2Z89c+ZIw9/WpJ/DWrW2oW9nLbKJLmPzYXWZGjdMZLiQHZtABJOcDHNSv4S1aFrczJarDchjFcfboPJfacECXfsyPTOfamldpBsYtat/4iu9R8P6bpE8dutvpu/wAlkjw7bzk7jn+QHvmtPxh4T/4RvXLyO1mglsrd1CLLfQtMcgHmNWD9T/dHHPvR4hs9P/4Q/QdVstOhsZ717hZlgkkZTsYBeHdiO/ele6Gtzl66HS/Fp0nS7mwg0TTZI7yIRXLyGctMAcjOJQBz/dApbrSTa+CI7qTSYGdroD+1IdSSXAKEiIxKx2nvk4PamW/gjxBdQ2ssVigS8QPbGS5iTzwc4CbmG5uPujkcZHIpvqhdmafgzxFYeHf7Z1G6aDF1bSW8elpE7FyxBHzMCAg5HLEkDoa42tjT/Cms6nH5ltaKqef9nBuJ44N8v9xfMZdzewyataNp+n6R43jsfG0araQMy3aLKXCnYcDdESchsZweDwe9Pd/L/g/qHT+v66HO12HgLW/7MOoW8Vzb2t3MIp7WS6IETSRMT5bEkABlZhkkD3FcxaWU+p6nFZadEZZriQRwxg9STwMn+ZpL6xudNv57K+iMNxA5jkQkHaw68jg0ga1sdpqnjPVtNtUtWh0LM1o1sVspDMY4vnVVLLIy5Ad8YJPOWzxXJ6VrV5oxnNiyo8yoCxGSpSVJFI7Z3IOueCar2Nob6+itlmgg8xsebcSBEQdyzHoP19MmtbxN4bi0CHTJbfUBfR6hbeeriExgc44ycke5APsKak4vmuD97T5/l/wC1P47upW1N4tK0u3l1WJ47uWKJ9778ZILOdp46DAOeQcDGVruu3PiC9iub1IkeK3S3URAgFUGAeSeazKKm39f16gdBp3isabo9zpseiabLDdoi3LSNcbpthypOJQBz/dAotPF1xaafHZ/2dp88VvO9xaefG7/AGVm67fmww4Bw+7kc5qHSzog8Naz/aQzqmIf7POX67j5nT5fu4+9+FaWnaGtvotpOmiy67qeoI00doFlKwQK23zGERDEs2QOcAeuRVdf69Q6f1/XkUr3xXJqmq3l/quk6deyXjrIyyJIoRgu35WR1bBHUEke1NuvFU2oX8tzqunWF8rqiJDJG6LCqAhVQoysAAcYLHPGckA0/wAV+H30i7juoLSW2068Aa3WZwzI2xGeMjqNpfbyAeKoW2hahdGHyokVZoDcLJLMkaCMOU3MzEBfmUjkjnHqKFF222C/Xuaa+ONTjubYwQ2kVlbQPbJp6xkwGJ8b1IJLNuIySWznvRb+N9QsJrA6TbWenwWMxnS2gRijyEFWZy7MzZU7fvcDpinaZ4Kv5vEdhYaosVvDdPExkF5CPMidgN0TFiJDjsu76VT1zw3caVqs1vC0E6famggSG7inlb5iFBRGLA/UDnj2pef9f1d/eH9f18iyfGdwmnXFjZaVpllb3Esc0ggifcXR9wO5nJxnjGcAdAMnOXrerz69rVzql4kaT3L73WIEKDjHGST29a0ovCeoWeq2kerW0QiNzFFcRJcxvJGHYcOiMWTPTkDnjrVrxV4Lv9M1bVprSxEenWszsqeerSRw7yqsULF9p7MRg9c0nbR/10/4ALW79P1KN34pbUlRtW0nT7+7WIRG8l85JWA4UtskVSQMDJGcAZzTdM8TNpRt5rfStOa9tQRDeMj+Yh5w20OEYjPBZT0Gc4rErWs/DGrX1lDdwQRiK4Zlg825jiacjAIjV2DPyQPlB5461Wu4GZNM9xPJNM26SRi7se5JyTWj4d1+68M63DqlhHDJPEGCrOm5fmUg9CD37GprLwjreoafFf29ogtJWZEnluI4k3Bgu0l2AByeAeTzjODUcXhjV5Ly9tjaCF7A4umuJUhSEk4ALuQuSenPPbNJaaIHruZcjmSRnbALEk4GB+VTWVzFa3HmT2UF6mCPKnaQL9fkZT+tXh4W1o642kDT5Dequ9o8jAXrv3527efvZx71seGfCyya89trcEU8LWFxPE0FysiMyISCHjYgkEcjPpkc0tErg3d69f1KGveJG8VXkMl9ZafZT5SM3UXncIBtAILsMAc8LnirvjrxFaa3/ZFrZstwdNslt5LxYjGJ2wOikA7RjjOOSeBWFdaHqFlpNtqV3AIbW7JEBeRQ0gHcJndt/wBrGOnPIq34iOiFNL/sAYb7BH9t5f8A4+Od/wB78OnHpT6fP/MF+n+Ri0Vfu9E1Gx0mz1O7tWjs77d9nlJHz7Tg8ZyPxxntVCjyA9UvfFN1eYu9Om0GawubeR5Vv7gJNBvjAmhKBw5yyZBVSTkYOMiuKtPFs1rqL6g2l6bPfG4e5juZIn3ROxzkBWCnB5G4Nip7DwhHeeGL/VTq1v51nbLcm0hXzCFZtoDsCArd8DJHfFN8K6fY6zbapY3dmnnQ2M13Ddq7iRGQAhcZ2FTg5+XPPWjZ+iBapL5f16lW08T3UNndWl9bW2p211P9peK7D4Evd1KMrAkcHnBFWx461J5b0XVtZ3NpeQJbtZSRssKRocoqbWDLt5x83fnJ5qDwnZ6Zq2pNpOpqY5L4CK0uwx/cTZ+XK9GVj8pz68YrHvLSawvZ7S6TZNBI0ci+jA4Io8gXc6I+PdS3WYis9Pht7SGW3FtHARFLFIcsjjdyOBzwe5JPNVn1G88QWkWkWMGnabZwMZxbrcCBGc8Fy80mWbBAxu6DgdawKKNwNO70C8srV7iabT2RMZEOpW8rcnHCo5Y9ewpup63carHp0d1HCF0+2W2jCAjcgJPzc9eT0xWdRQB0/wDwn2qf2n9oEFmLb7H9i/s4I32Yw4xt27s9ec5znv2rU1fxPb6dZ+GpdOttOu7610tALl2aR7WTc3G0Ps3DqNynB/CuEoo/r8/8wWn9en+RrQeI7230jU7FBGTqjq1zctuMrAHdtznGCTk8c1k0UUAW9L1GbSNWtdQtljea1lWVFlXcpIORkUapqM2r6tdahcrGk11K0rrEu1QSc8CqlFAEttMkFykstvHcopyYZSwV/Y7SD+RFbWs+K21vTbazn0jT4BaRCG3lhM26JAc4G6Qg/iCeawKKAOv8S6/ZT+CtE8PW08V/NYM8kl5HEyKoYnEa7gGPXk4HQda5Ciijq33DZJBXp2m+J7xtI0eTRbjRS8CRRzw6ncLE1tLECgkG513K0bY4DYwcYPNeY0UB1ub3iHxRd63a21hPFZx29i7CD7KrgYIVQPmJJGEGM8+tOsvGN9Z6ebCS2tbuya0FrJBcK+11WVpFJKsGDAu2MEDGOO9c/RQm7WBnVJ8QdShmsngsdOhWygnt4Yo4WVQkvXIDckdj17nJya5q2mSC5SWW3juUU5MMpYK/sdpB/IioqKOtwOh1LxfNqK2RXTLG0nsI447S4tzMHhVDlQN0hB57kE0XfjK6uI74wWFhZXOorsvLq2jcSTKfvD5mKqGPJ2gZrnqKA8zof+Ez1H/hLE8Q+Ta/a1i8oJsby8eV5fTdnOPfrVf/AIRbUP8An40n/wAHFp/8drGooAfNE0E8kTlC0bFSUcOpIOOGBII9wcGmUUUAFFFFABRRRQAUUUUAFFFFAHYePvEJvfFeqw2p064s3lGyaK0gZmGAciYLuP13e1dDqmvK3iZfEnhy08P3G6FWjmutQMU0eI9jI0TTqMjBAwuCMYzXl1FJK0eUd7u523huxKeCPEEEl5psU2oxW/2aOTUrdGfbJubIL5XA/vYpPA9l9kk1iW6vNOgWfTbm0j8zUYFLSnAAwXzgkcN0964qimCdretzvLLSrt/hfqVjHNaLIurxby1/CsbDyicCQvsbtwCentWudd0iW0vNBWawu7hNJtLRJLqZo7a4khZndBKGXA+bCksFJUc4Iz56mtXCeG5dECRfZpblbouQd+4KVAznGMH0rOo7/wBdLC6L+utz07RvEEcEiaDrtro1pp8tlPBbraX/AJke93V9skglkKKSuM5GM/lPpPimHRp9N/4SC/tHnl1DzvJspEmgsYBDJEqjYSoGZM7QTwMnk8+VVa03TbvV9ShsNOi865nbbHHuC7jjPUkDtTTd/wACWkdlqmoXMXg/V7PxJrVtqtzPcR/2csd2l15ZVsvIpUny1KnAHHXpxXB0rKUYq3BBwakuLS4tDGLqCWEyxiRBIhXeh6MM9QfWpRb00Nf7KP8AhBftP9vrn7dt/sfec/d/123P4Zx+PasOiin1F0O4+HEKWt/d313eWFtBNYTwJ599DGxcjAGxmDDPqRisfw74X/trxdFoN1fw2jy5AmiZbhCdu4AFG2nP1/Xiufq/pmtX+jGZtMmW3kmQo0qxqZFBBB2uRuTgnlSKNL38v6/MWtrFe9tWsdQuLR2V2glaIsnRipxke3FQUUUle2pT3Ou+HhgXUtVN3jyRpkhkyM/JvTf/AOO7q9Fj1PShrEcs2u6Z5Z1KeeUi8jb/AJaw+V36eWnXoMYPPFeM6Rq11omqRX9iVEseRtddyupGGVh3BBINSajqsV7bpDb6TYaequXY2yyFnJGOWkdjgegIHNVdp3X9akOKaaf9aWOjsPF9zeg6dqU8QtrXT76OGQnDSM8LhdxJ5PRV+uO9dLocfh3RPE9rPps2ippwtCF1CfUWNzK7QtkGMPtQ54wyAe+SBXk1FD+G39df8ynrJyOu8UajFJ4a8JLZXiNPaWj7xFKC0L+ZkZwcqehqx4JSRptYv9Q1CyQ32m3MKvdahCkkkz4xkM4bk55Ix71xNFLv53/EUfdt5W/A7NIVu/Ab+H0u7CHULPUftLpJewqk6NGFBWUtsYj03dPpWzqGs2C+G9W0+HU4JZ7XRLSx3pLxNIszFxGT98ANjI4IHpXmdFD1v5/5WGrJp9v87ndpfzjw94U/sHWLWz1KyhumIa7SIgmYEKxY7Rkc4cgEA9eAdrT9c0mxvdLv/ED6ZFr0k0sc1zpxR1WJ43All8omMvvOeOdvWvKqKbd7+d/xFY7fTrey0Lw7q2n63qloV1Se2hUWNylwRGkoZ5TsJCjb0B5OelbYGi6RF4oisjodray6dNDZvBqTTT3Q+XGR5hUE+m1Wz0BANeW0UulhqydzsfHerg+JtPvNH1DLwadbos9rNzGwTkBlPBGela0uqQXtn4ev9HtdDubjT7SKBhf37W0sEsZzkKZo1ZSTkEA98+lecUU1pf1v+f8AmJKyS8rHe6Tqdzqf2iHVotBvtPutSe4uLW5vlt2tnLfM0bl1O0g/wlx8v5wWVxDZ32t2Ph6XS9R0SeZV+yarcCAyKMlZFZmTBHIyGzyDjuOJopf1+X+Qzb8XQaPbeIpY/Drg2m1SVWUyLHJj5lVz95Qejd6xKv2Go2tpAyXGjWV+xbIkuHnDAY6fu5FGPwzz1pmoX1veeX9m0u00/Znd9maU7846+Y7dMdsde9JaAU63PEtqLUaZt19dZ8yxjb5XLfZf+mPJOMenH0FYdFPoAV31lp5T4X3+mNfaWt7PfxzxxHVLbJQLgnPmYH0PNcDRQ9VYOtzoND8LLrfhzWtTTUEhl0qNZTbNGT5qnOTuzx09Dz6Vz9X/AO2r8aKdJSZY7JnDvHHGqGQgkjewG58Z4DE47dKoUPcFsFel+BLiC28FTPJcQ20xu7lIJZpBGqzG1xHljgDq+CTj9K80rU0rXZtLtbq0a2t72zuwvm21yGKFlOVYFWVgRzyCOCc0NXTQLRp9j0rXNV0+00HU203WrJpI7WGOyWC5UvtX7N0AOQcxv8uM8ZIxisKx12w8Ws48XXMNpHcaramRIj5arGsMy8AkkLu2hj235yM1xGoXq390JUtLazQIqLDbKQqgD3JJJ6kkk1VqlJ3u/wCtSeVcvKv60SPTY59O0/wvqtt/xJLB5b20eK3sdQadnRZT8zFpGXgf3cEdWA4rmvHGqGTx/rVzpd8WiuHMfm282VljKgFcqeVPTHSuXoqLa3/rZL9CtLt/11/zO4j01h8MZdON7pf2xtTW6EX9qW2fL8ojP+s9eMdfam+G7Ep4I8QQSXmmxTajFb/Zo5NSt0Z9sm5sgvlcD+9iuJop9WNO1vL/ADudreW6a/4V0Gxs7/TrefS2mt7mK4vIogpZ93mqzEB1I6lcnjvmtLxf4g0/VPDetfYL9JfO1W32qW2vMiW4QvtPO3cuckelecUUPW/n/ncSsmn2/wArHqUOoWFxdSwx6hZBpfByWimS6jRfOwP3ZZiAG9iawPDMK6NLqdhqV3p8EmradLbW9wl7DMiPkHDsjNsB6ZOK4yinJ8zb73/G/wDmLp/XS3+R6b4U1aw8J6bY6fq1/am4uNQecm3mW4W1UwPEHZkJXO5gcA5wMmqPh2KPw9Y3lne6hZTXGpXtpFbxWd0k+4Rzq7SEoSFGOBuwTk8VwFTWly9lfQXUQUvBIsihhwSDkZ/Kmn7ybJlFOLR6LqrLonijxlqWp3lqwvIrm0t4I7pJZZGkbC5RWJQKBk7sY4HWptU15W8TL4k8OWnh+43Qq0c11qBimjxHsZGiadRkYIGFwRjGa851TUZdX1a61G5VFmupWldYwQoLHJxkniqlQvhSNZNOTa6nbaVYf2f4Mkl0y8019V1YGKQyajbxta2/dcO4IZ+/ooxwTXFyRmKV42KlkYqSrBhkehHBHuKbRTe9yelja8JWwu/ElvEdcGhZDkX5cr5fynjORjPTqOv4VjyALK4DhwGI3jo3vTaKGBYsrKXULjyYHgR8E5nuI4V/76cgfhmut+Jqx3OvR6haXlldWxt4Yd1veRStuVOflViwHHXGPeuKp8MrQzJKgUsjBgHQOpI9VIII9jxRuGzubvifwsvh6z0i6i1BL2LU7UXClYyhQ8ZGMnPXrx34Fc/VzU9WvdZvPtOpTmaUII1+UKqKOiqoACgegAFU6ACvctTvLCO+uI01Gxtp4heERzXKRMZnt0SA/MemwkBunYnPFeG1vP4qknt4FvtL069ubeD7PFd3EbmQIAQuQHCMVB4LKeg64o7jWkk+x1Xizxc2k3cUfh+/tbuG40+SGVkbeELTSNuGD8rgNwT69KbPDoOqR3l9GdNvtT2WUccF/f8A2eJI/s0YZgQ6bmDAqRu4x0rzmiq5r3vu3f8AFv8AUjlSsl0VvwS/Q9Z1TWNMMOrrDqVgd/hmC3TyLglWkDHKLvO4nHY/NjrXmdrHe6p5VilynlwhmijubtIo4843YMjBQTgdOTiqVFT9q/8AW7f6jtbb+tEv0O1+IFl/aXjOS6sLzTp4LkRRxyJqMBGViUHd8/yjKkZbA/MVc1yGMX/hO5W+06SLT7S1guTFqEDmN1kORhXJIGeoBHvXn1FC0+8b1TXlY9A/tSzfxd46nkvoDHdWV0lvIZgRKS67Qhz83A4A7CtnQ4/DuieJ7WfTZtFTThaELqE+osbmV2hbIMYfahzxhkA98kCvJqKPspeVvz/zKbvJv+un+R6T4dttA0+fw3fWb6OwHly315fag6TQS7+VWJXHA7EqwPUnGTVvQrmx12bWbfUple00XVJNYhkX5g8QZt6A9MH5T75ryutb/hIJo9Ak0mztba0inK/aZYg5kuNvIDFmIAzzhQBmm32/rVP8LEWW39f1qdFBfnxR4R1e3nvrOHU7nVkvWW7uEhVkKspKs5AOCenXFUvH81nLqWlR6ffQ30VvpNvCZoGypZQQeOoPsea5Sip6WX9WVirvr/V3cdGA0iqXCAkAsei+/FbHi22Fp4kuIhrg17Coft4ct5nyjjOW6dOp6fhWLRTEOjQySKilQWIALMFHPqTwPqa7rWLL/i2OlWK32mPdWVxPNPDHqVuzKp5GAH+Yn0GT7VwdFD1Vg63Ogh8LLP4BuPEkeoIWt7oW8loYyCAcYIbPPXpjpnntXP1futav7zTLfTpplFnbHdHBHGsa7sY3EKBubH8TZPvVCjqHQK9V8PTWKfD6whuru3tXnt5Yw88gQFPtamYAnqfLC8dSOgNeVVr2HiGS00ltMurG01Gz83zkiug48p8YJVkZWGRjIzjgcU1o7i3PQfEWrWGrQa1oX9qWIuLthdWsxnQwsVnlYRtIPlUmMqRkgZODg1HY3enW1vp0N9caLband6fqFtcSWjW6xhn2iLzGh+QcA4JrzK9uvtt7LceTDB5jZEUCbEQegHp+tQVPT+u1vyHs7rvf8b/dc9R8Nvp+haX4ftbzWNOa4j177TcLHdIwgUxYyWB2kcDkEjJxnINcBqt9MdW1Vbe6f7PdXDmQRyHZMA5Zc44YZ5FZtPglMFxHKqo5jYMFkUMpwehB4I9qb1ld/wBbL9BWt/Xr/mdXpP8AySrxD/1+Wv8A7NVqPTWHwxl043ul/bG1NboRf2pbZ8vyiM/6z14x19q5+/8AEc13o40q1s7XTrEzefJDa+Z+9fGAWLux4HQAgc9Kx6T1b87fgl/kNaW+f43/AMzrrBYtV+Gr6Xb3lnFfW+q/aTDdXKQb42i25VnIBwRyM1d/tXSfDfhvRLF1e+vY7ltSmaw1CMLFKG2orHY4JCr0GMZ964Siqbd7+n4f8MKx6Zqmu6Za6b4qm0Wexb7bd2lzBBOkU27em+TCOCDtZiDxwfSsbQNXg1fQte0TUbi0sLnURDLbSmNLeAvEc7DtAVMjocAZ6nmuMopaa22f6W/yGrouahpkmm+Ws89pJI+TstrlJ9oHQlkJXnnjOeOQOM06KKANzxLai1GmbdfXWfMsY2+Vy32X/pjyTjHpx9BWHRRR1A76y08p8L7/AExr7S1vZ7+OeOI6pbZKBcE58zA+h5rB0Pwsut+HNa1NNQSGXSo1lNs0ZPmqc5O7PHT0PPpXP1f/ALavxop0lJljsmcO8ccaoZCCSN7AbnxngMTjt0ofV9wXRdihRRRQB6X4EuILbwVM8lxDbTG7uUglmkEarMbXEeWOAOr4JOP0rT1zVdPtNB1NtN1qyaSO1hjslguVL7V+zdADkHMb/LjPGSMYrzXStdm0u1urRra3vbO7C+bbXIYoWU5VgVZWBHPII4JzVXUL1b+6EqWltZoEVFhtlIVQB7kkk9SSSaLtO66/5AktL9H+qf6Hb2Ou2Hi1nHi65htI7jVbUyJEfLVY1hmXgEkhd20Me2/ORmrkc+naf4X1W2/4klg8t7aPFb2OoNOzosp+Zi0jLwP7uCOrAcV5lRVc21vL8Lf5EuN013Oo8caoZPH+tXOl3xaK4cx+bbzZWWMqAVyp5U9MdK7DxFq+l+ItNk8PQaja2cyWlvcRXKzqsN26xAGGVycAj+HJAB64PXyeis1G0FD+tCvt8x6TZmx1HUPBmpHV9PtrbTIIY7rz7lVkjdJSceXncc5HzYwBkkgCobW+N3e39ncf2HqmizatLM0N5fLbyQ/Py6OWU4ZccrvHHT188oq7/r+LT/QXS3p+CsegXWo6Bpvg3U7TTFtdUtv7bD20F3JIrGPysb8IyNgHjJ4/Gk0TxUus2mu2mrDT/tN3bwx2UFyzW9sEiYt5IZWXYMHjLAEjk888BRUrRWKbvt/Wtz0G1ez1G+0/SvEsOj2llY21xJZQWmohopZWwdkkolcoCRnll/WovENxaQ/Dm0sUbSobpNUMr2mnXbThFMXUlnfP1Ule3XIrg6KpNr+vO4tDsfHlquq+J7rWdNvdPuLO8MTRlb2IOuVUYaMsGXB65HHepddsCfh9odql7pslxYNdPcRR6lbuyhmBXADncSB0XJriaKm1lZDvrc7iPTWHwxl043ul/bG1NboRf2pbZ8vyiM/6z14x19qmm1O0bXvATfboTDZ29sJz5w2wMJiW3c/KcYzmuBoqk7SUvNP7tBdLeVvxues332O40OwuZbaO/SPWLy4gd9UhsVx5oOFMgxKjcHcpyOmRXnviptTfxVfya7CsF/JL5k0akFV3AEAEEgjBGOTxU0PimT+ybPTtR0yx1OGxZjbG6EoaMMQSuY3XIyM856+lZ+satda5q0+o35QzzEZCIFVQAFVQB0AAA/Cpslt/WwX/AK+//MXRYhPrtlEb8abunQfbCSPI5+/kEYx16j6jrRrcQg129iF+NS2zuPtgJPn8/fzk5z16n6mqNFMCW2t3u7lIImjV3OAZZVjUfVmIA/E12fja3WXw74eMF7p850/T1huUhv4ZGR93QKrkt16gEVw9FD1DZ3Og1Lwstj4L0vxDFqCXC30jxPAIypiZc8Zz83T0HbrXP1f1PWr/AFcQLfzBo7ZNkMUcaxxxgnJ2ogCjJ6nHNUKOrDogr2rSrzTLfT9CW7vrS0Kx6fNL58yxl4kjcjGeoE3XHTqcDmvFa3LbxPJHp1pZ3+mWGpx2TE2zXaybowTkr8jruXPOGz1NAra/eehWniHS9M019Rvb+1ur/SblWihSdHaUyW8SSbcH5gDvyRkZFU9Vs/C0+oy28F3p+oPp+lIlhFNeiKCVjNIzBpAy/MquPl3DPNeXyOZZWdgoLMSQqhQM+gHAHtTaG29/60sOyT/rvc9G1bVdOsp/BDfaNP26dO7XMenztMkAE6nGWLMeAe5B/hyMVSjNv4e+J0euXt1Y3WmtqLyCW1u45yFYsQ+xWLDGc8jqK4ainfW/m394mk00dQ2jnS/E0N7catptxbrfxss0V7HI0oL53FVJK8cktitj+1LN/F3jqd76Bo7qyukt5DMMTEuu0Kc/NwOAOwrz+nwusc6O8SzKrAmNyQrgHocEHB9iD71KVlbya+9WKvq33s/uuMrvvD00F/penWPif+xrvRoFkYXD3ohurMHOVChg74PIXYwORg+nNf23p/8A0K+k/wDf27/+P1jU+liep6Be6U2pfD3QLewvLaK1W+u8SXl3HANu9QrYcgnAznaCRnpzWpqviPSPENrrNtYpp91KdQjuIk1Od7ZLiNYViLK29BuBBO1m6E8Zrzy51q4utBsdJkSIQWLyPGyg7iXIJyc47ccCs6haaf10/wAiui+f5v8AzPRYdZOojU9G1SXS9LuZtKis7KW3ug8AWNy4jaXe4G4EjJbsM+9DwWkXhvxSZdTvNNO6wuDsF2kiZ2EKrMp25b0DZ+mRXE0Ua/18/wDMm3Tzv+X+R1vje4tNd+y+IrC9Ui5UQy6e8q+ZZso+6q9fK7ggY9cE1yVFFGi2GbmqWoi8K6PMNfW9Mnm/8S4OT9i+b0zxu69Bn361h0UUdWw6Hd+EbQQeEfEUc97psMmo2ca2ySajArOQ+SCC+V4/vYqh4Et3h8S3zNKB9isbmSRIykiThVIMZOGUq3Qkduh71ydauma/NpFheQWVtbrNdxNA92wcyrG2Nyr820Zx1255PNHd+Vvz/wAwXS/e/wCX+RJocD6x4ysIrC2jtWmuo9sUJcrGAQSQWYtgAE8k0vjC8g1Dxpq11aFWglu5CjL0YZ6/j1/Gq2la5daLFeCwEaTXUXkm4KnzIlP3ghzwSOCcZx0xWdR28v6/QF18/wBP+HCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA6u88G/ZbGe4+y+Jl8qNnzPoPlxjAz8zecdo9Tg4qYeB8pn7J4q6Z/5F7j/0dXHUUAdXZeDftdjBcfZfEzebGr5g0HzIzkZ+VvOG4ehwM1zV3B9mvZ4MSr5UjJiaPy3GDj5lydp9Rk4NQ0UdQO2tLSG8+EcaXGoW1gq625D3CyEMfJXgeWjHP1FaWu6TJc3miC2sLfWIrXw5AxkknaC3UeY43szFDjGcAlTn6EHhzrNw3htdEKRfZluzdh8HfvKbcZzjGB6VrR+OtQFoLSezsrmzNhFYPbyo+2RI2LIxKsGDAseQQPaqk7tteX5WFbb+upu3Hhzw7Bq3hm51MQ6fZ6lFJ9phhu/NtxIh2jEoZyEZsZO47eeR1Fjw9pE2n/EDw5PJo1rYxTTyeXc2F009vcKFIBUl3wRg/wAXQjgY55S88Xz3y2EVxpmmG2sEljitlgIjKOckH5s5HZgQ3cknJqW38cX1jc6c2n2VjaW+nStNDaxq5jaRgQWYs5cnBx97HApddO/6/wCX9dQaumvL9DRaHQ77w/rOqWmiRRNpNzAEEs8rG5RyykS4cc5G7KbfTpUvj7UbX/iURf2NY75dFtiku+fdCCpwF/eYIHbcCfXNctb65c22j6lpqJEYdReN5WIO5SjEjbzgcnnINWbvxNJqGl21pqGm2NzLaW/2aC8YSLKiDO0fK4U4zxlT+NLpb0/Kz/EuTTk2v61Op0DwlDfTxabrGhWtj9osmkjuDqI+2B9m4OYTJypIPy+XwD14Jq1ofhLThB4dludA/tHTr+B59Q1KWWWNbfGcjKsqoFAzlgd2Tg1z6fETUE1RdUOmaW+peUIpLx4XLyrs2cjftU47qFPGOmQd2X+ytUXw4GTRdQs4rGGG6utQ1HyJ4cMd6eWsqH5RwPkYnjlqrz/rr/wOxHS3l/l/we5l6NpOkanp92dKtdO1DVm1ApDYXl1JAvkHO3yh5iliT1y5IAHHOTyWp27Wmq3MD2slmY5WH2eVtzRc/dJwM49cc1rPrOn6bqlwmn6TYahZw3kj2U10socR7vlztddwwAcOD3+lZOpajdavqU9/fyebc3D75H2gZP0HAqNdP67f0yu/9dy9oGh/20Zx5WqyeVt/5B2nfasZz975129OOuefStN/Bu2/it/sviX95G74bQsSHaVHyp53I+bk5GPl6545SiqEdXceDfImtk+y+JR50mzEmhbGPys3yDzjubjpxxk54wYdX8Kf2Zpct39n8QJ5ePmvdG8iIZIHL+a2OvHHJwK5qikAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHQaxoOlaNcXFhLrUkupW6kSJHZ/uBIOqCTfuJ7Z2Yz6DkRL4O117XzlseTD9oEBmjE5jz9/wAnd5mPfb056VoeIdIh/t+81ey1LTbvTZZWu42+1oJGDHcEMWfMDc7cbcDvgZI6T7ZZL8Tv+EyOrWX9lbftAAuU8/8A1ezyvJB37s8dMY5zSV+VN7/l/X6eYPey/wCH/r9TgW0DU1udOtzbfvdTVHtF8xf3oZtqnrxkjvirsfgrXpIfO+xpHD5rw+bLcxRp5iNtK7mYDOeAO/OM4NdXZmx1HUPBmpHV9PtrbTIIY7rz7lVkjdJSceXncc5HzYwBkkgCs/xlqVrc+HrCC1vYZiuq30rxxyhsBpBtYgHoRnBq0k5Jeb/NWBa7dv0b/MqaJ4EuLw6xHqhjtZ7C0ldIjewxuJVIADqxyE5PzHA6c81ixeHNSn1FrK3S3nlSIzO8N3E8UaDqzSBiige5HUeorubrUtOuviP4sjTUbRY9T06S3trlplELOUQgF+g+6RknGayvDLW+l6br2i6idLku7+GJ7cTXqmCTYxYo0sUgCk9ssBkDPXmVqk/L8dQ/z/yMJfB2uvqUVhFYGW4mgNxEIpUdZYwMlkcMVb8Cah1Pw3qukWq3F9boITMYC8U8coSQDJRtjHa2OxwevpXc+H9ba01ywtdTGjaZZ2djeC3+x36yqDIuSC5lfBJHAyOprzyzv5bdoYnllNolws7QBzsZh/Ft6ZxkZ96FZyt/W7Ju7N2/qyNfxNpdjoFtZ6UIi+rhBPfTMx/dF1BWEDOOAQSeSSevan6rp9lpXg3R5RZxzXmqJJM908j5iCvtVUUEL0ByWB69qk+IKGLx/e3TKs9vdMl1AxzsmidQRgggkduD2NSeMx5ui+GrxD5UM9kwjtF/1dvtcghCfmIJ5+Ysc9zxibvlTel3+j0/rsX1t5f5GYDon/CEMCP+J79v4OX/AOPfZ/3x978a2NE+G2q6va6dNJFeWovbhoyWsmKxRBAwlJyODnAHGccGuNr1PQ9Z8N2Wl6I6eZHJZ2l/cCN9RiyrsCuxv3YJZgPl6EccNVvZv+tF+thdUjlfDXgmTXpr2O7vDprW0q2yLNASZJ23YjwSNp+U56kelZuneFtZ1a2ubixs98Nq+y4keVI1iOCfmLEYGAeTwK6U61oeheHdEt4Ibi5m+1NqhFtqCAwPuxGjny2BYKoyML1PHNXfEOpaPJ4c8VLpd3AFv760uooRKNzbkDuAM5O1mIPoRilLRNr+tUv8/uFfVLv/AMH/AIBxx8J60NS+wmzHm/Z/tW/zo/K8nGfM83ds2f7W7GeOtRf8I7qh1S306K2E9zdDdCLeVJVkGSCQ6krgYOTnAwc4xWj4Y1fVI7yXybuynAtPsxtNWnAimhz/AKsFyAACdwG5e+M8g9RYXPhjSPEAjtvsVrLqGkSW1xF9qea1guHxgecpztIHJDHbnrwaf9fn/wAD5jWv9ehx3/CH6211ZQRWkc7XzMts8FzFLHIw6gOrFcjHQmo7/wALaxpti15eWgWFHWOTbMjtCxGQrqpLIfZgPSu08O6u+ma3o1leQaDpmmLqBume01FZsP5TLliZ32jB9hnFY2g3enyeGfEdvqt8sIu7yzLHeDIyeaxdlHVsA54zQlfb+tV/mHRv+uv+Ri3HhTWLaxnu5LaNorbH2gRXMUjwZ6b0Viyc8fMBg9a0Z7TTrr4a/wBqxabBa3sWpJamWGSU708osSQzsMk+gFdSBoukReKIrI6Ha2sunTQ2bwak0090PlxkeYVBPptVs9AQDWLHprD4Yy6cb3S/tjamt0Iv7Uts+X5RGf8AWevGOvtUvb7vzGt1fz/L/MwdLOiDw1rP9pDOqYh/s85fruPmdPl+7j734VU0vRNR1r7T/Zdq1x9lhM820gbUHU8nn6Dk1Qrc8M2oujqe7X10by7GRvmcr9q6fueCM59Ofoare7/rYOyMOtTQdGj1m+EM+oW9jEGRS8h3OxZgoVEHLHn2A7kVl1r+GbN7jXrSYTWsUdvcRySNc3UcIChgTjewz06DNOO+pErqLsLqthH4Z8V3VhPHFqaWcrRkTB0WXjqQjBh68NVnxdpdnoHjKW2tYS9mvlTLBI5PyuiuU3DBxyRnrjvnmpfiBGreMtQvoLi0uLa7nd4XtrqObI45IRiV698VZ+ITLBrEOnvEk09tawBr5wRLKDGCFIXCYAIA+XdgDLGs4t8qb3NGlzNLb/gooeKtFtbH7Fqmkbv7K1SMy26uctCwOHiJ77TxnuMVz9dbr3+ifDjw3ZT4+0yyT3aofvJExAX8G2k1yVVs2v6/pbE9E/6/p7hRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBp3evXd9oVppd2I5Y7JyYJmU+ain/AJZ7s/dzzjHH04pZdeluPD8Gk3VrbTJalvs1wwYSwhmDMoIYAgnP3gcZOKo2kH2m9hgxK3myKmIY/Mc5OPlXI3H0GRmulvPBv2WxnuPsviZfKjZ8z6D5cYwM/M3nHaPU4OKLAcpRXYjwPlM/ZPFXTP8AyL3H/o6obLwb9rsYLj7L4mbzY1fMGg+ZGcjPyt5w3D0OBmgDlKKmu4Ps17PBiVfKkZMTR+W4wcfMuTtPqMnBrr9Nlk0H4YSaxpTGHUbzUfsj3cfEkMQTdtVuq5PUjBNHRv8ArsHWxy+maVdaxdC2sfIMxxtWa5jh3EnAALsMnJ6DmoLyzn0++ns7tPLngkaORMg7WBwRkcHmtbSdRvNU8ZaRPqNxJczC7gUyync7ASDG5urHnGTk4wOgFb/9l2eq/ETxZHfw+asEd9PGNxXa6klTwR09OlD0/H8BpX09PxOEorq9O0jR5PBthqOqb4PM1v7Nc3MZYssHlhjheRxknOCfr0q14k0qLTFa/tfD2mzaWl2UgvLO+lnhlXB+STEhYNyvI2cg8HPDkuXf+tv8xLX+v67HH3FpcWhjF1BLCZYxIgkQrvQ9GGeoPrUVd3491C2P9kRf2NY75tFtik2+fdCCpwF/eYwO24E+ua0pfCGiafrf9h6hFpsVutuFl1WXVkS4WYpu3+UZcBckKFKZxzmiStfyb/AOx5lRXc3lv4d0LQPDV1c6Gt7LqEPmXbvcSj5Fcg7FVlwxB6k446c5rjL02xv7j+zxKLXzW8gTY37M/LuxxnGM4pdf66CTurkNFdX4Vhj0Swm8VXsas1u4h02KQZE1wf48dxGPm+uOaT4mnPxI1cn/AJ6J/wCi1oelv67f5j6XObtJ47a6SWa1hu0XOYZi4RuO+xlPvwauanrdzrGvPquoJDLK7qxi2kR7VwAmAc7cADrnHfPNZtavhjULDS/E1le6vaG7s4X3SQhQc8HBweDg4OD1xTWrQnsyDWNYu9d1OS+v2UyPgKiDakajgIo7KBwBS3miahYaXZajd2/l2l8GNvJvU79pweAcj8QK6fxNDquoaXcanB4jXxLo8dwrSM5ZZLZjwN0b/NGrFiBsODgegxR8Q2en/wDCH6Dqtlp0NjPevcLMsEkjKdjALw7sR371OyKtqcvRXY2y6Uvg+61bVPD9hFv/ANG08Ry3Ieab+J+ZSNqjrxgkgcVp2vhjS9Pg0OPULPT7qPULdLm8urrVUt5IVk6CNDIv3Rzkq245HtVWF0ued0Vv2o8PaZq2s22qwzalAiTQ2E1vIAPMDYSQkEAjAz3HPQ1gUgCiui8J6bbNJca3q8e/TNLUSOjdLiX/AJZw/wDAj14PAOa7HWfFSad450vW9UMytdeH49z2iDcjyI3zKCw6E5603or/ANbNr8hf1+KPLKK9H05Ipr7Rde1rxDcaxozXElsDqobNrcbCV3oWcbeEOQfr0qxHFqF/4S1SfxJcW/iC4tL+2ktI4rxblzvlCuilC21XHAX2+7xRZ3t/X9dRnmFFev6uLp08UxR6g2rxm22JoQKk6dkg7tu4qPKwF/dbuTztqppaxaD4e17wzEqNdjRZbvUpcAssx2hYs+iKxz15Y0ujflcdtbHldFFdLpHhT+09Miu/s/iB9+fmstG8+I4JHD+auenpweKBHNUV1dv4N86e5j+y+JT5MgTEehbmHyhvnHnDaeenPGD3wBfBu7UJbb7L4l+SNHwNCzIMlhynncL8vBzyc8DHIBylFbGv6H/Ypt/3Wqx+du/5COnfZc4x93523deemOPWsegAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorWbQ9vg9Nd+0fevjZ+Rs6YQPu3Z98Yx+NW7rwferPp8Ont9ra801dRkLbYkgQ7s7nZtoA2/eJHXFOzvb+tr/kBz1Faf/CO6odUt9OithPc3Q3Qi3lSVZBkgkOpK4GDk5wMHOMVO3hHWhc2UKWscxv3Mds8FzFLHIw6rvVioPsTSB6bmLRW7ceDNetUZprJQUkjikRbiNniaQ4QOgbcmT0LADkUXvgzXtPt7mW7sQn2Qbp4xPG0ka7tu4xhiwXP8WMEc5xzR0uBhUVsQ+FNYuLNriC2jkCw/aGhW5iMwj4O/yt2/GCDnb0IPSrkfw/8AE0sCTJpv7tlVwxuIgArLuDHLcLjueM8deKAObrX0nxHdaVYXVg0Fve2F1hpbS6Vim4dHBUhlbtkEe/anweEdauJriNbWOM29ybR2nuYolMwJBjVnYBm46KT+tRW/hrVri4vIRa+S1iQLlrmVIEhJOAGdyFBJ6DOT2o8g8yS18QxWmqx30WiabmHYYIv3wWJlO7dkSBmOf75bsOgAq1/wmdyviCTWLfTbCCecSrdIolaO5En3g4Zzgf7pWsS9srjTrtra7QJKoB+VwwIIyCGBIIIIIIODmq9G4HRXPjK6uNMtNOTTtNhsrS5FxFbpAWXO3BVtzEsDyTnJ568ACtd+JJJtHfS7Kws9Os5ZRLMlsJGMrD7uWkdjxzwCBzWNRRuGxt3fiZ9R0q2s9Q02xuZbW3+zQXbCRZUQZ2j5XCnGeMqfxp134pbUlRtW0nT7+7WIRG8l85JWA4UtskVSQMDJGcAZzWFRRuBp6nrtzqunabZXCRLHpsJhhKAgsCc/NknJ+mKzKKKA2VjSsvEet6dbrb6frF/awKSVihunRBk5PAOK27TxTPrXxBtvEGu6jDZG3kSTLRySIqqR+7RRuIzycEgZJORXJUU02ncTSasa3ijV4de8U6hqdtb/AGeK5mLpGcZA6ZOO56n3JqhZXX2O7SYwQ3AXIaKddyOCMEHoe/UEEdQQagoqUrKyKbu7m5L4nkOlyabZabY2FlPIslzDbiU/aNpBUMzuzYHopHU1Jf8AisX+iQaW+h6bFb2vmfZzG1xuhLnLEEynJyP4siufopiOivPFq6ha2tveaBpciWcAggw1yuxfXAmAySck4ye9QjxO8un2tpqml2OpizQx28tz5qukf9zMbplQc4znGTWHRQBr6N4kutBk1BrCC2xf2z20iSRlwiN125OePcn3zWRRRQBfsNd1bSoWi0zVL2zjZtzJb3Dxgn1IBHNaGpeML7W7qzm1yCHUUtLcQRw3Ek2w9MyHbIDvOBk55wOKwKKANq88Sy3qWdtJYWaadZktHp8fmLEWPVmO/exPqW+lEvii8CWsWmw22lwWsy3EcNohwZVJIdmcszEZwNxIA6AVi0UAdRL49vvPv7qx0+w0++1BClxe2qyCRgSC2NzlVJxyVANR2Pj/AMTWK3Q/te8uPtEDQ5uLmR/Kzj50+bhhjg+5rm6KPIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA6u88ZfarGe3+1eJm82NkxPr3mRnIx8y+SNw9RkZqYeOcJj7X4q6Y/wCRh4/9E1x1FAHV2XjL7JYwW/2rxMvlRqmINe8uMYGPlXyTtHoMnFc1dz/ab2efMrebIz5mk8xzk5+ZsDcfU4GTUNFG7uB1th5Oq/DdtJt7u1ivoNU+1GK6uEgDxtGFyrOQpII5Gc1rz6y8Os2ttol7pV39j0WPT7uK9lVbe7IY71V2KqQCQQdwzjgnoeAgtLi6EptoJZhDGZJDGhbYg6scdBz1qKm9Xr/WlhW/r53PTLC58MaR4gEdt9itZdQ0iS2uIvtTzWsFw+MDzlOdpA5IY7c9eDUWh6rJpusaJZXdvoOm6auprdO9nqKzbXCFcsTM+1cH2HArziihOzT/AK3uElePL/W1joIdSeLxtKyXrJaXGpK8xEuI5FE24FucEDrk/Wug/tSzfxd46nkvoDHdWV0lvIZgRKS67Qhz83A4A7CuKk0u8i0mHU5YSlpPI0UUjMB5jL1wM5IHrjGeM5qT+xb4aKNVeJI7NmKI8kyI0hBAOxCQz4yMlQcfhUxXLHl7Jr71Yq+rfe34XPStDj8O6J4ntZ9Nm0VNOFoQuoT6ixuZXaFsgxh9qHPGGQD3yQKkutc019L1BBqdqzNp+lRoouF5KPl1HP8AD1I7d68vGj3x0I6wIP8AQBP9mM29f9Zt3bcZz074xVjTvDWq6rbrPZ26eVJJ5UbTTxw+a/8AdTew3n2XPUetXd3+79f8yWtP6/rod74g1PTtatXgsItFv5rPVL0ul9fNbhllmZkkjYSxq4IGDySOOxrJTXtW1DVNae7Tw/cLetEl3p894iRNsUBZI5DIBkAYyshOW6enCyRvDK8UyNHIjFXRhgqR1BHY02le4WNvxdBo9t4ilj8OuDabVJVZTIscmPmVXP3lB6N3qtoeq/2PfNceZqEe6MpnT7z7NJ1B5ba2Rx0x6elZtT2dnJfXKwQtCrsCQZ50hXj/AGnIA/OkrobOkuPGXnzWz/avEp8mTfmTXd7D5WX5D5I2tz154yMc5BeeMvtUAj+1eJWxIj4n13zF+Vg3TyRzxwexwecYrA1XSrzRNRksNThENzGAWQOr4yARypIPBHeqdFwsdXe+MvtdjPb/AGrxM3mxsmJ9e8yM5GPmXyRuHqMjNcpRRQAUUUUAFFFFABRRRQAUUUUAFFXRo98dCOsCD/QBP9mM29f9Zt3bcZz074xVKgAooooAKKKKACiiruo6PfaStqdQg8kXkC3MHzq2+NujcE4+h5oApUVryeFdYhsWu5LQBEhE7x+cnnJGf4zFu3heRyVxg56VkUeQeYUUUUAFFSwWlxdCU20EswhjMkhjQtsQdWOOg561Na6XeXtjeXltDvgslV7h9wGwMdo4JyefTNAFSiipIIWubhIYygaRtoMkioo+rMQAPcmgCOitDVNDv9Gngh1COONriITRMk6SK6EkBgysRjg96dqegahpFrbXN7HD5F0WEMsFzHMr7cbuUYjjIoAzaKKKACiirmk6Te65qcWn6XD591NnZHvVc4BJ5YgdAaAKdFKylGKtwQcGkoDYKKKKACiiigAoq7a6PfXumXuoWsG+1sAhuJN6jZuOF4Jycn0zT9O0O/1WGWa0ijEEJAkmnnSGNSeg3uQuT6ZzTs9gM+ip76xudNvpbO+haC4hba8bjkH/AD371BSAKKKKACiirdlpd5qMN3LZw+YlnD5053AbEyBnk88kcCgCpRRRQAUU5EaSRUQZZiAB6mrGpaddaRqM1hqEXk3MDbZE3Btp+oJFAFWithfCurNqMVi0MEVzNEk0STXcUe9X+7gswBJz93r7Vm3lnPp99PZ3aeXPBI0ciZB2sDgjI4PNAENFFKo3MAMZJxycUAJRWlqegahpFrbXN7HD5F0WEMsFzHMr7cbuUYjjIrNoAKKt32l3mnR2sl7D5a3kIngO4HehJAPB46Hg807TNHvtYa5GnQecbWBrmb51XbGvVuSM9eg5oApUUUUAFFFFABRRRQAUVdGj3x0I6wIP9AE/2Yzb1/1m3dtxnPTvjFWNO8Narqtus9nbp5UknlRtNPHD5r/3U3sN59lz1HrQBlUU6SN4ZXimRo5EYq6MMFSOoI7Gm0AFFFFABRVnT9PudV1CCxsIvNuZ3CRpuC7j6ZJAFQyxPDM8Uo2ujFWGc4I4NADKKKt6npd5o981nqMPkzqquU3BuGAYcgkdCKAKlFFFABRRRQAUUAZOBV3V9IvtC1KSw1WDyLqMAtHvVsZAI5UkdCKAKVFFFABRRRQAUUVc0nSb3XNTi0/S4fPups7I96rnAJPLEDoDQBToq3Y6ZeanfizsYGlnOcqCAFA6kk8ADuScCn6lo97pPkm9jQJOpaKWKVJY5ADg7XQlTg8EZ4oDyKNFFaGp6HqOjyWqalAIDdwrPDmRTuRuhyCcfjigDPorS1PQNQ0i1trm9jh8i6LCGWC5jmV9uN3KMRxkVBqWl3mkXS2+ow+TK0ayhdwbKsMqeCe1AFSiiigAoq9o+jX+vaklhpMH2i6cErHvVcgDJ5YgdKpMpRircEHBoASiiigAoq7qOj32kranUIPJF5AtzB86tvjbo3BOPoeapUAFFFFABRRRQAUVNZ2k9/fQWdonmT3EixxpkDcxOAMngcmppNIv49ZfSTbO1+kphMEfztvBwQMZz+FOzDpcp0Vpal4f1HSYFnvIozC0hi82C4jmQOOShZGIDY7HBrNpAFFFFABRWnH4e1GXRZtWiSCSzgCmVkuomeMFto3IG3DJ9RWZQAUUUUAFFFFABRRRQAUUUUAFFXdM0e+1hrkadB5xtYGuZvnVdsa9W5Iz16DmqVABRRRQAUUUUAFFFXRo98dCOsCD/QBP9mM29f8AWbd23Gc9O+MUAUqK1dO8Narqtus9nbp5UknlRtNPHD5r/wB1N7DefZc9R61mSRvDK8UyNHIjFXRhgqR1BHY0ANooooAKKKKACiitRfDupHSE1OSKGG0kV2iae5iiaUL97YjMGf8A4CDzxQBl0UUUAFFFXNJ0m91zU4tP0uHz7qbOyPeq5wCTyxA6A0AU6KVlKMVbgg4NJQGwUUUUAFFFFABRV210e+vdMvdQtYN9rYBDcSb1GzccLwTk5Ppmn6dod/qsMs1pFGIISBJNPOkMak9Bvchcn0zmnZ7AZ9FT31jc6bfS2d9C0FxC2143HIP+e/eoKQBRRUkELXNwkMZQNI20GSRUUfVmIAHuTQBHRV/VtFvtElhj1GJENxEJojHMkquhJAYMhIxwe9UKACiiigAooooAKKKKACiiigAooooAKKKKAOt8T+IdYuPEmoaTFdSW1gs72kdgvywRoGKqPL+7kdc4znnqBWumgaAPHv8AwhjabvGDAdT8+Tz/ADtu7ftzs2g/Lt29Oc5rmdT8VPq7ST3uk6a1/LHskvljcSMcYLFd/l7iO+z3GDg1YPjm/M/20WdiNV8nyTqYjfz8Y25xu2btvy7tucd6S+FJ/wBf1+vkD1en/Df1+hel0DTF1zwZbi2/danBbvdr5jfvS0pVj14yB2xVvWNN8P6BotvdnRVvLibUru3Cy3EojEccoA+6wO4DABzjkk54rGsPHV9YJpzCx0+4udMXy7W6niZpETdu2/eCnuM4yATgg81R1bxNeaxZQW1zHAiQ3M1ypjUglpW3MDknjI4/rVprmV9rv81+gLz7fo/1O8tLbT/D3iHxlpVppdvJDa6XM6ySySl3Q+W3lthwNo3YyAG4HPWuc8PaVZa5b6vq76bYxR6dDGsdj9raCGSSRioZ5JJMgDk4DDJAAx3of8JrqJ8UXutvBaPJfxNDc27RsYZEKhSpG7PYHg5yKgtfEz2M9z9j02xis7uHyrmw/evDMBkgnc5cMDyCrDBH1qVsr9rfn/X4h/mdhpnhfw7f61pv2iC2Bnsbl7ywsdQE6wvGPldXV2I3A5AJPQ9a5K5uNE1W1ht7DSjpl+14EUxSvJG0DDA3F2J3g45UAEE8dKLDxS2laoL7StKsLN/IkhZEMzKwcYJO+QnIHTBArCVijBlJDA5BHahfFrt/wX/wCbOzt/WiOq8fyNJ4yk0qAhLXTQllaxs4CoqgDkngZOSSfXml8ZAWui+G9NYfvrWydpGQZjbfIWG1x8rj1KkjPfrUfi+4stcjtvEdrcxC6uwsV/ZkgPHMqgF1XujAZz65p+tyxap4G0CS1ubYvpsUsFzA06rKpMmVIQkFgQRyoOOc9KnXlSffX7nr/Xcvrp2/yMAatejRTpAm/wBBM/2gxbF/1m3buzjPTtnFen6n4SsZriCPU5rtYLG2eG1S1kVPKS3hDyyNlWyWkbGBj1yeBXkleqXvim6vMXenTaDNYXNvI8q39wEmg3xgTQlA4c5ZMgqpJyMHGRVa6/1r0EviV/6Rpa5caRLDZwa7NHC1k02rRbiB55+0S74hnqWO3j2rntftbrVvFGp6tLo1pfBobNpJ727+zW8TNboSM70yxJGBu4GeDkEcl4i8S3via5gn1COBHgiMa+SpUEFmbJBJ5yx6VcXxtePZSWd/Y2N/ayNC/k3CyYV4oliDAq4OSqjOSQfQVbkpc0u7v/Xyt9xCi0orsv0/zv8AedZL4T8O2V/q1xcae09rFo8OpRWyXZIjdm5RZFJ3LxjPPB49a4TVrvSbyzsn03TzYXihxdxxuzQtz8hTezNnGQcnHAx3rRuvHmp3a3Qkt7JRdaemnuI4SgWNTkFQDgH8MegFYNlcxWtx5k9lBepgjyp2kC/X5GU/rWf2vL/gv9LFbf15L9bnoGvaJB4h+Mc1jeSvFb/Z0llaP721LdWIGQeTisRbfRtc8L6zfW+lLpU2mPDIht5pJBJHJIE2sJGOWGc5GM+lV77xve3evQ61DY2VlqUTK32i3EuXAXbtKu7LjHBwBmq134omm0+WysdPsNNt7iUTXCWsbETMpyobzGb5QeQowOelV/X4/wBf0wd/69P6/pHSat4csWVpfDulWd9pCmAJqVteu80ZYrnz4y3y5+bI2Lgkc8YPZf2lpf8AwsganFLH/axvv7Ia2ONwAk5mx1x5Y2Z9a8wt/GdxYCU6VpenafJOymeSBJCZQrbtuGchVJwSFC9MDAqifEN2fFn/AAkISIXf2v7XsAOzfu3YxnOPx6UJ6pPb/hv0Bq8X3/4f9bHSSaXoeiapoej3ulrqD6hDDLdXTzyK8Zm4AjCkKNvX5g2Se1T6romh+GvC8lzLpa6jeJq1zYo888ioUjbgsqMMnA4wR15zjFYNt4yu4I7Ey2FhdXWnp5dpeTxuZIVH3RgMFbaeRuU4qne+JL7UNDj0u78t40upLsy4PmPI/wB7JzjH4Updbf0rr9BJPT+uj/U6e30PRLrSdR8QaTYQzW73i2tnZ6pfLbpD8geQs3mKW5yqjdnHJzVt9A8L28Osah9mjvIrfT7a6W2t77zFt5mkKtF5iMdy5AzyTg8HODXGaZ4gn0/TrjTpba2v7C4cSNbXSttEg6OpRlZWxxweQec1IviN4bPUrSx0+ztLfUoo45Y4vMbbsbcCpd2OSeuSR9KJeX9af5lLdX/rX/I6yDwxol7o1l4iksvs9uumz3dxYwTPsleKUIqhmLMobPPOfTHWseT7GvhS28T6TYxabqFpqItWjjJlhfKM6vtlLkEYx1I71Ss/GepWNrp9tFFbNBZQzQeXIhKzxytudJBnkZ9MUDxdNGbGKDTNOisbKY3C2IjdopJcY3vucsxxxy2OOnWm7X02/wCD/kTrb+u3+Zva1d30Hw5s/wDhJ52utWur0XVit23myxW+3BY7s4RiB8p4PXFPGoajP8OdXvvFt09zHqLxrpUNw2T5isdzxL0RQDjjA7elc9q/iv8Atu+kvr7RdPa7lkV3m33BJwQduGlK7SBjGOB0xxUmueMW8QuZNQ0TTfOEIhikja4XyVAwNi+bsGOuNuM9QaT1T8/6/r7y1o15f193/DGONWvRop0gTf6CZ/tBi2L/AKzbt3Zxnp2zirOn3GiR6BqcWo2dxNqcmz7DOj4SLB+bcM9x7H8OtZVaun+IrvTdA1PSII7drfUtnnM8eXXYcjac/wA8+2KOjF1RlVu+GLnxDNeLpHhi4mgnu5ASbY+W5wP4pB820DJxnHfFYVb2g+K59A029s4NPsrhb4bJpJvNWQp/cDI6kKe4796a0Eyf4g3dhe+Nr2XTDE8fyrJLCMLLKFG9x9Wzz36965qui0DUrJfGFhqL/YtDgs3WVhGk8qvtbJABLncQcdQOOx60/FGrw694p1DU7a3+zxXMxdIzjIHTJx3PU+5NTa1im7sya6nw3cz+I/GWiQaxL58FkgRFKKMRRKzhOBz0I555rlq2PCep2+j+KrK8vci2VmSYgZKo6lGOPYMTT16bkvbU7m90KCyt9W1e8uLuTWHt3W4fzF8lpJ7aWRkC7c4VMDO7k9h0qHxnf39v9hS28WHTo/7Jtz9gE1ypf936IhTnpyfriq+veIdWh0m9huZfDtzE5ESz21wJJpz5TQ+aERztPl8HcABngA1xuta3c67dQT3aRI0FvHbqIgQCqDAJyTzRKzXKtr/hZjs1Lmfb8bnUSaXoeiapoej3ulrqD6hDDLdXTzyK8Zm4AjCkKNvX5g2Se1Lr2iaP4KitludPXWJrq6nDG4mkRY4opSgCiMr8zYySSQMcCse28ZXcEdiZbCwurrT08u0vJ43MkKj7owGCttPI3KcUyLxddG1jg1SxstWWKdriI3quWjdjlsFHXIJ5IORmm9/n+Hb+v1JSZ2djbad4f1rxZplnpsE8MGjvMss7y+ZIjrG/lvtcDA3YyoB461leFb7T5fD3iq5uNKiitUtbfdaWssgWQiXjLOzMATjOD06YPNc9beLtTg1+71ecw3k97E8N1HcR5jmRhgqQuMDgYwRjAp1p4o+wi+ittH09bS+iSKe0JnKNtbcGz5m8HP8AtY9qT1t6W/P/ADKWjV+9/wAjZbQLbUrbw9qOjaGJJL+O5E+npcOsO6Egby7sWVPmGfmHTAIJzUPiPQrOHwZZaxDaWlldm8a1misb0XMLjbuDA+Y+09iN3viqcPjnUre9ikgt7NLSK1ezTTwjeQIn++MbtxJPJbdknvjiorjxa9zpdvpjaRpqWEFz9oW3jSRQzbNuGYPuYd8ls++ABQ9tP61/yBaF3xz/AMevhj/sBwfzal1p2j+GvhN0YqyzXhDA4IPmLzVDV/FX9swWsVzounR/Y4kghaJpwVjU5CcykEckZPPPWlv/ABWL/RINLfQ9Nit7XzPs5ja43QlzliCZTk5H8WRS7sfb0/SxvnxNrv8Awqlbv+2tR+0/20YvO+1vv2eTnbuznGecVd1Cwtp/E3g6eXV7O2kWw0/FvKkxd8EdCsZXnpyw98VwZ1q4PhoaJsi+zC7+178Hfv2bMZzjGPb8anufEt5d6npd9JHAJdMhhhhCqdrCI5XdzyfXGPwrS6/FfgrE20+T/M73UNVtri71PSNJ17/hGtWTWLlpZXLRx3u6Ztu6ZOU2rnhhjkfhw1xca54V8XzTzEWer28jM5VEIUuvJAAK4IbsMc1I/ilbi/lvb7QtKu7iS4ecvIkq4LOXIISRQwBJ+8CccEkAVl6pql5rWqTahqUvnXM5Bd8AZwMDgcDgAVHX+vIa2t/XUNMlso9YtpdXhkuLJZla4jibazpnkA8dvcfUdaNUkspdWupNJhkgsmlYwRStlkTPAJ57e5+po0vUZtI1a11C2WN5rWVZUWVdykg5GRRqmozavq11qFysaTXUrSusS7VBJzwKO39dg7jLG6FlfRXLW8Fz5TbvKuFLIx7bgCMj26HvkcV2HxCuZbzSfClxcMGkk0wMxChR949AOAPYcCuMtpkguUllt47lFOTDKWCv7HaQfyIra1nxW2t6bbWc+kafALSIQ28sJm3RIDnA3SEH8QTzQ9UvX9GC0b9P1RgUV1/iXX7KfwVonh62niv5rBnkkvI4mRVDE4jXcAx68nA6DrXIUdWHRFy21a9s9NvLC2m2W18EFxHsU79hyvJGRg+mK9Is/CdrqWheH7K+kuBZlYQkVs6oz3FwWd3YlW4SJRxjnpkc15XXp2m+J7xtI0eTRbjRS8CRRzw6ncLE1tLECgkG513K0bY4DYwcYPNP/NC6/eO8Nazfr8VLOwttSvf7OMC7YGnba4FoNpZRgE8A5x1FY3hHUr7VD4mn1O9uLyVfD9wgkuJWkYLlTjJJ4yTx71iw+J7rT/Fw1q1iszNCPKjjRX8naI/KGATuxt9Tn1qvoOvzaBLdtDbW9yl5bNazRXAfaUYgn7rKQeOuafNfXyf6hbl0Q3w9p82p6zHBb6cdRYKzmDzfLUgA8s2RhQcZ5HHGRnNd5pnhDSNSbQLm70+1gNxqL2d1b2N/58Mi+WXVgwkcq3bG73xzXH2PittLvzc6ZpGn2qyQSW88C+c6XEbgZVt8hI6fwkVbtfH99YpYx2Gm6bbQ2N0bqGKOJ8bymw7iXLMMEnJJPvgAUun9d/8AIHezNLTtC0XxPp96lhp/9nSWmoWttDOJnd5ElcxkyBiV3cbvlCjPHSr2mvp0C+MtN0vTIraOzsXhFwZZHml2yKpL5bZyRn5VFcZp3iW/0qxvLay8tPtc0M7S7SWjeJiylecdT3BrSm8e30kOpRwadptqNUVheGGJ8ysSDuyWOCMHgYX5jxmmnZ/12X63Klbm02v+p3S2Ft/wv4XX9r2fnedn7Jsm83/UYxny9nv97/CuQl0DTF1zwZbi2/danBbvdr5jfvS0pVj14yB2xWWPGWoDxt/wlHk2323fv8va3l52bOm7PT3qaw8dX1gmnMLHT7i50xfLtbqeJmkRN27b94Ke4zjIBOCDzSp2io36WJ1u/Nfqa2o6VpPhkWc40yO+mv8AULhYxcSyBLaKKYoAoRlJY9csT0HHWtDxtYafY6hr2v31kmoTSar9iggmkdYkxGrs52MrE44AyB1JzXMDxzflF8+ysLiWG5lubWWWJi1q8h3NsG7BG7kBg3NOm8d315NetqOn6fexXlyt2YJ432Ryhdu5cODyOCCSD6VOun9fy/omPq3/AF1/zNzxK4f4leGXWNY1aCwIRc4XkcDJJx9Sagj0K31z4neI/tuHt7GS6u3iMwiE2x+ELkgKCSMnsM9OtY8/jW7vdeh1jUtPsLy8gjiSNpFkQKY+Q+EdRknqOnoBTH8Y3Q8QPrFrYWNrcTF/tSRrI8d0HOXV1d24PouOv0prf/wL8dgWit6fhudh4c8M6FqOo6VNd22mQXiXMgl06z1BbqO5RYmdWx5jkfMu0jOD6c1w2q+Kda1jz49Rv5poJWz9ndsxx4PGxOiY6fLjjI6E0g18215bXmj6fa6TdW0nmJPaPMzE+hEkjjHtjnvxTtR8Qx6jJJKdD0u3lmcPNJCko385IwZCFyRyUCnqMgE0dQWhqa7/AMky8K/9dbz/ANGLWqPDGj/8LYi0b7J/xL2tRIYfNflvs2/O7Ofvc9a52/8AFYv9Eg0t9D02K3tfM+zmNrjdCXOWIJlOTkfxZFXbb4i6lbXkd8mn6a1+sAt5Lt4XMkqBdoB+bAOMcqATgc4yKOj/AK6Maf8AXzv+RvX0mkOvgqy1PSRfPd2METyPM6eVGXYfIEI+bJJy2RwBjrXHXU914V8QazYaXclVDT2EjsisZItxUjkcZ2jkVah8a3UMenltN0+W702HybS7kSQvEASVO3fsJBOQSp7Vz000lxPJNO7SSyMXd2OSzE5JJ9aHu/n+IlsvRfgaPh2fR7bW4ZfElpPeaeA3mQwNtYnacdx3x3H9DmyFDIxjBVMnaCckDtWl4d1+68M63DqlhHDJPEGCrOm5fmUg9CD37Gs2RzJIztgFiScDA/Kh9AWzLOm6g2mXf2mO3t55AhVPtEfmLGx/iCngkdsgj2rqfiqzP40DuSzNZQEk9zsFcnZXMVrceZPZQXqYI8qdpAv1+RlP61r694kbxVeQyX1lp9lPlIzdRedwgG0AguwwBzwueKHrb+u4LRv+uxgUV1njrxFaa3/ZFrZstwdNslt5LxYjGJ2wOikA7RjjOOSeBXJ0AXBq16NFOkCb/QTP9oMWxf8AWbdu7OM9O2cV6fqfhKxmuII9Tmu1gsbZ4bVLWRU8pLeEPLI2VbJaRsYGPXJ4FeSV6pe+Kbq8xd6dNoM1hc28jyrf3ASaDfGBNCUDhzlkyCqknIwcZFGuv9a9AXxK/wDSMexjstT8Xaw2r6TYyWVrdT3N9fSvOHVPMPyjZKq7iflUY6nvisnQEtdZ8QyWlroOn+RNI0u65luCtnCOSSyyrkAc5PJP1xTR4zlbT7uzutI065jvLtrucv5yGSQkkZ2SL8oycDoPrzUWn+Kv7Nt9Rgt9F07yNQCrLGWn+VBzsVhKGCkjJGTnvxgU27yv/X9f11Jimo2ZP5mnah4wltfDvh21ube5lENpbzyznA6b8iQEZ6nJwB9M1W8XHSE1xrbQbaGKC2QRSSwPIyzyD7zLvZiFzwOegzzmnab4q/sjUJ7uw0XTojNbm3KbpyEU/eKnzdwYjjOenTHOYPI/t9s6dYaVpvkj5x9u8kPnp/x8SnOMfw+vPap6Jf1/X9dCu5b+H3/JQtF/6+lre17QdL0bUtO024svtt7ql0s8t/5jiJI2k/1cW0gMccMxzjPHYjm7WLUPCepWmsI2nTSW8wMaR30NxlsE8rHIWxx14HvzSf8ACW6i2ktp8iwyRrdfa7eR1Je1k3ZPlnPAPcEEd+vNV28v+B/X4dSbPXz/AOCbS+H9MPibxlaG2/caZaXMlonmN+7ZHAU5zk4B75ro9YtdF1v4lQ6FeaYWmvLWNXvjM4eJ/s4KFFBC7RgZ3A5JPQVyE/j++lTU/L03TIH1WJo7yWKJ90u7HzZLnaepwMDJJIPGGTeO76W6e9jsLGDU3txbnUI1k81VChMqC5RWKjGQoPJxip6JeX+f+aNLpyb2vf8ANf5Glo2h6fqHh2wbR9Os9a1F2l+320160NzGByPKQOoI2jOcPyenGKp+DdSvLLVbaCTxPJo1rDdIXtZJJgsnzfMNqrs7YO8qPWs3TPEzaUbea30rTmvbUEQ3jI/mIecNtDhGIzwWU9BnOKjtNdit38640XT7668wym4ufOLMxOeVWQIRnsVx65q7+9foRa8bM6fXdHsdFtdT1rUNGRri41WS2t9OmkKxW6YD7j5TDJwQAA23nPNW38O+G7fTr/WH02WSA6TbahBa/aGHlO8rIU3ZyUyvfnBOCDzXKjxhqE0d5Hq8Nvq0V5MLiSO7VgFlAxvUxspU44wDjHGKW68Z6ldw6jDKlsIr6CK28tIyqwRRtuRIwDwB75/Pmo6f12/zK3ld9/1/yJfEthYx6FoOrafaLZNqMMvnQRu7IGjk25XeSwz6EmsbVdVvdb1GS/1Obz7mQAO+xVzgADgADoBUl7rNxf6PpunTJEsOnLIsTKDube247ucdfQCs+m93buxGrrtxolx9h/sCzuLXZaot35z7vMm/iYcnj8voKyq1dd8RXfiD7D9tjt4/sNqlrH5Me3Kr0J56/TA9AKyqHuwO/fU5NS+DuoloLe2ih1KCOKG3j2IoCde5JPUsSSfXpXAV0kPjEQ6FJpC6BpZspZFlkQtc5ZwMBs+dn8Bx7Vb0PX7LRfAOt2M08V3casqxx2ixNmAgn947kAehAUnnHTmk95P+tkgWyX9btnIVc0rVbzRdSiv9Mm8i6hzsk2hsZBB4II6E1Topgd94N0hL7wjqMsszwxXVwVu5YwN4t4YzK6r6FmKD+hxitW+8Lac3hy40iyt7mW7t7c3lutxNuaGRxbGRQVCgja4HI9elYfg/WzB4ZvNOtpbFbxZmlWDUJBHFdRSR+XIm8soUjCsPmB44qW98f61pPiCO5CaNNdLblZPsuZYyXWMHJDbSwESfdO0Y9c072bv/AFp/XzFZuz8/1/r5EGveEIfCmnXNxP5WpeXf2yQSuHRJo2ikZxhW6bgBwc/LwRms/wAZafY2X9izadZpZi90yK5ljjd2XexbON7MQOB3qGbxhe3eh2Ok6hbWt5a2UzSjzQ4aUndw7KwJA3nGMUav4q/tmC1iudF06P7HEkELRNOCsanITmUgjkjJ5560nd/15DWl/wCupe13/kmXhX/rref+jFrq/GWkWFlZ/wDCSanaf2nus7a1t7VXYJE/lA75ihBA9BkZrh7/AMVi/wBEg0t9D02K3tfM+zmNrjdCXOWIJlOTkfxZFTDx3qZ1Ca4lgtJYrizSzntHRjDMirhSRuzuHUEEEHpSeqt/WzDqn5P80zTk0vQ9E1TQ9HvdLXUH1CGGW6unnkV4zNwBGFIUbevzBsk9q0dW+G9vPcBNHY28dvZ3ALuC5uriGZ49vJ+UsFzxwMdK5e28ZXcEdiZbCwurrT08u0vJ43MkKj7owGCttPI3KcVLH4/1qPTrK0DQn7Je/bRKVO+V9xYhznlcseMDrTev3/h/wP0FG6+7+vvNjSdC0pPiRb+Hb3SoLm3nhgLu8kyujG2V2K7XHViTyDjoMVieGtJsJ4NY1XVIXubXSoVcWqSFPOdn2qCRyF65xz71JB46uofE8uvtpWnS6g770kcTBYvk2bVVZAMY9c1Ts/FE2nalNc6fp9lBBcwmC4ssSPDMp67g7ls5wchhjHHfI227jirKz8v+CQjULOe/ge38PWhZh5ZtRLO0cjE/KQPM3hu33iD6Vo+M4NM0+e102y0+1tr+CPOoPbSysglP/LMb3b7o4Jzyc9MVVsfFB0zW7XUrHRtMia1U+VDskZAx/jJLlyw7ZbA7AVT1LVINQGY9KtLOUuXeWGSdmfPXPmSMPf1pPZAiLUNWvdVFqL+bzRaQLbw/Iq7I16LwBnr1PNWb+40STw/psWnWdxFqce/7dO75SXJ+XaM9h7D8etZVat/4iu9R8P6bpE8dutvpu/yWSPDtvOTuOf5Ae+ab2BbmVXf+F9Tkuvh/4osxBbwQ29hHgQx4MjGTl3Y5LN9TgdgK4Cuh0vxadJ0u5sINE02SO8iEVy8hnLTAHIziUAc/3QKT1i0HVM56iuy8GeIrDw7/AGzqN00GLq2kt49LSJ2LliCPmYEBByOWJIHQ1xtPqBNaXU1jew3dq/lzwSLJG+AdrA5BweOort/A1rd+IL3XL03AXULvZbfaCo+QzufMcAYwdiv0x1rgq7DwFrf9mHULeK5t7W7mEU9rJdECJpImJ8tiSAAyswySB7ijX+vxE720/rsdn4esdP8ADqRXmjm72tDJqAS6kV8BYrpEYYVRyASQc9Rzxmsu/k0xfCOv6d4cdbpNQji1B1iwzRl7mIRw8d1y3H+0KzNU8Z6tptqlq0OhZmtGtitlIZjHF86qpZZGXIDvjBJ5y2eK5PStavNGM5sWVHmVAWIyVKSpIpHbO5B1zwTVqSclfZK34t/5fcKUbJ27/ov+D952R8LW02l65Ff6LZ6Xc6fZm5gaDUhNOCuMrLH5jdQRkhEwfTOKbr9v4T8P6zYWNzoTyW09jHNczpcSGVGePgxAuFGDyd24HPYCsefx3dStqbxaVpdvLqsTx3csUT7334yQWc7Tx0GAc8g4GMrXddufEF7Fc3qRI8VuluoiBAKoMA8k81m76f13/wCAV1+/9P8Agm14a/5EHxh/1ytf/R1VNR0uzg8DaDqEUO26u7i4SaTcTvClQoxnAxk9Kbp3isabo9zpseiabLDdoi3LSNcbpthypOJQBz/dAotPF1xaafHZ/wBnafPFbzvcWnnxu/2Vm67fmww4Bw+7kc5qo2Urv+tQvp9/5f5nTXnh3w/aeKPEdjBDZ/arXyhp9lf3bxQuCFL/AD71JfngFx1PXHFfSri08M65rGn6vbzeGL65hSO3u41Nx9iOMuVOd21+gZSSM9TyawL3xXJqmq3l/quk6deyXjrIyyJIoRgu35WR1bBHUEke1NuvFU2oX8tzqunWF8rqiJDJG6LCqAhVQoysAAcYLHPGckA0ley9AOlHhm8ubmXVvFd6us2Nppz3cFxb3G4XoRh+7MmN/DNtO75h0GOMZ0ek2OueHbLUtN0Vorz+1FsZbKzmcrcKyFwQXLlThSCckd6pL441OO5tjBDaRWVtA9smnrGTAYnxvUgks24jJJbOe9Fv431CwmsDpNtZ6fBYzGdLaBGKPIQVZnLszNlTt+9wOmKel/67/wCQnf8Ar0/zN2TwxZXHh66urvTLHT7yxvoI2TT9Q+0LIkj7SrjzXKkEHnI/Sq/imPwtpHiLWNFj0N4khjZLa5S4keUT8Fchm2+XzgjBbHOc1knxncJp1xY2WlaZZW9xLHNIIIn3F0fcDuZycZ4xnAHQDJzl63q8+va1c6peJGk9y+91iBCg4xxkk9vWp6r+ui/4I+r+X6/8A76Xwhomn63/AGHqEWmxW624WXVZdWRLhZim7f5RlwFyQoUpnHOay9G0PT9Q8O2DaPp1nrWou0v2+2mvWhuYwOR5SB1BG0Zzh+T04xWHd+KW1JUbVtJ0+/u1iERvJfOSVgOFLbJFUkDAyRnAGc03TPEzaUbea30rTmvbUEQ3jI/mIecNtDhGIzwWU9BnOKrv/X9fh6i10/r+v60KVjqd9o0t2LKQ27XEL2s6sgJKN95TkcdOowam8Oz6Pba3DL4ktJ7zTwG8yGBtrE7TjuO+O4/oc6aZ7ieSaZt0kjF3Y9yTkmtHw7r914Z1uHVLCOGSeIMFWdNy/MpB6EHv2NKPmN+RmyFDIxjBVMnaCckDtVnTdQbTLv7THb288gQqn2iPzFjY/wAQU8EjtkEe1VpHMkjO2AWJJwMD8qmsrmK1uPMnsoL1MEeVO0gX6/Iyn9aEEtzrPiqzP40DuSzNZQEk9zsFcXW/r3iRvFV5DJfWWn2U+UjN1F53CAbQCC7DAHPC54q7468RWmt/2Ra2bLcHTbJbeS8WIxidsDopAO0Y4zjkngUtvv8A8w7Ly/yOTq4NWvRop0gTf6CZ/tBi2L/rNu3dnGenbOKp0UwPW9T8JWM1xBHqc12sFjbPDapayKnlJbwh5ZGyrZLSNjAx65PArmtO17VoficLa31O8htp9bJlginZY33TfNlQcHNb174purzF3p02gzWFzbyPKt/cBJoN8YE0JQOHOWTIKqScjBxkVxVp4tmtdRfUG0vTZ743D3MdzJE+6J2OcgKwU4PI3BsVUZWevlf9fvJcbxX9en3G7renafp0Gsa/fWaajcXGt3FpBbzSOsUYVizOdhViewG4DnPNMu/Ddv8A2pb3ei6Kt1a3OlR37W91dmOC0LMVO6QspKjacZcHkcnBBwLTxPdQ2d1aX1tbanbXU/2l4rsPgS93UoysCRwecEVbHjrUnlvRdW1nc2l5Alu1lJGywpGhyiptYMu3nHzd+cnmoWi/rt/mV1/rv/kdPL4M0f7Hba3NbJFBHpk13cWNpeebFJJG4QKsoZyFYnn5iR0yD05nUbTTb7wPHrlnYJp11FfizligkdopAyFww3szAjGOuKcfHupbrMRWenw29pDLbi2jgIilikOWRxu5HA54Pcknmqz6jeeILSLSLGDTtNs4GM4t1uBAjOeC5eaTLNggY3dBwOtN+X9a/wCQtf69P8zEt2gW4Q3ccksIPzpFIEZh7MQQPyNdz42uNI/sfw6psb4udIQ2x+2ptjBZsbh5XzHI5IK59q5W70C8srV7iabT2RMZEOpW8rcnHCo5Y9ewpup63carHp0d1HCF0+2W2jCAjcgJPzc9eT0xR0+f+Y1o2/L9UdoNA8Pt4aXxl/ZkosFg8ptKBl2tc527/Mznyuc5z1G3OeKj/s7w5YyeFLWbRPtUur28LXUr3MihdzldyBWGG7nORwMDkmsX/hPtU/tP7QILMW32P7F/ZwRvsxhxjbt3Z685znPftWpq/ie306z8NS6dbadd31rpaAXLs0j2sm5uNofZuHUblOD+FPz6X/z/AK/AEtLeX+X9fiL4ej1aDxrc6FDr2o2ujaTPM9yY7t0VIInO44UgAnpx3bNYV/4u1Cfxtc+JLGT7NdPKzRNtDbF27AMHIPy8VWg8R3tvpGp2KCMnVHVrm5bcZWAO7bnOMEnJ45rJpa6f16hpqW9Mlso9YtpdXhkuLJZla4jibazpnkA8dvcfUdaNUkspdWupNJhkgsmlYwRStlkTPAJ57e5+po0vUZtI1a11C2WN5rWVZUWVdykg5GRRqmozavq11qFysaTXUrSusS7VBJzwKO39dg7jLG6FlfRXLW8Fz5TbvKuFLIx7bgCMj26HvkcV2HxCuZbzSfClxcMGkk0wMxChR949AOAPYcCuMtpkguUllt47lFOTDKWCv7HaQfyIra1nxW2t6bbWc+kafALSIQ28sJm3RIDnA3SEH8QTzQ9UvX9GC0b9P1RgUV1/iXX7KfwVonh62niv5rBnkkvI4mRVDE4jXcAx68nA6DrXIUdWHRFy21a9s9NvLC2m2W18EFxHsU79hyvJGRg+mK9Is/CdrqWheH7K+kuBZlYQkVs6oz3FwWd3YlW4SJRxjnpkc15XXp2m+J7xtI0eTRbjRS8CRRzw6ncLE1tLECgkG513K0bY4DYwcYPNP/NC6/eal2NJu/DMGkapd/ZrTUZg0V5OwzGYbeAKWY9CUBXpyTWN4gEniXVtP1C10aG9t49GDLHPP9nggjFxKqGRty9FGMblyeecEHlPEPii71u1trCeKzjt7F2EH2VXAwQqgfMSSMIMZ59adZeMb6z082Elta3dk1oLWSC4V9rqsrSKSVYMGBdsYIGMcd6rm5k31/4HUXLay7f5nY2fg3Q7nVtGlurFI4b7TrmWe2tLzzY0ki43RyB269cFmweD6Vw+p3+h3ulAWOkHTr9bk7fKld43gK9GLsTvBxyAAQTx0rRT4g6lDNZPBY6dCtlBPbwxRwsqhJeuQG5I7Hr3OTk1zVtMkFykstvHcopyYZSwV/Y7SD+RFR9ry/4L/Sw1df15I7jW9M/trV/BOmmTyxdaXaxF/wC6C7AmoU0/QdTu/EGl22lfZDplpPNa3izyNLIYRz5gY7Tuxn5VXFZOpeL5tRWyK6ZY2k9hHHHaXFuZg8KocqBukIPPcgmi78ZXVxHfGCwsLK51Fdl5dW0biSZT94fMxVQx5O0DND/z/HYfX7vw3Otm8P8AhtvHKeGYNH2LNZ+Y10bmQyRSeRvGwbtuOOjA8k9BgV5jXQ/8JnqP/CWJ4h8m1+1rF5QTY3l48ry+m7Oce/Wq/wDwi2of8/Gk/wDg4tP/AI7Q97/1u/0sHRL+tjGop80TQTyROULRsVJRw6kg44YEgj3BwaZQAUUUUAFFFFABRRRQAUUUUAdH4j0HR/D+pXumnVb64vbU7cf2eixs2M/e84kDnrt/Cq0fhHW5bEXSWYKtB9pWLzoxM0X98Rbt5X324xz0rW8feITe+K9VhtTp1xZvKNk0VpAzMMA5EwXcfru9q6HVNeVvEy+JPDlp4fuN0KtHNdagYpo8R7GRomnUZGCBhcEYxmpjdw5mN72OX0m007UPAuu3EumwJeabHAYrpJJd7F5MHcC5XpxwoqDw5pJurDUrl9Jg1REtZCq/2kkMlsVGTL5e7cwHpjBrU8N2JTwR4ggkvNNim1GK3+zRyalboz7ZNzZBfK4H97FJ4HsvskmsS3V5p0Cz6bc2kfmajApaU4AGC+cEjhunvVd/QFbT1/yOf0zwzq2r2Ml7YWoe1hfy5Z3mSNIzt3fMWICjHc8ZwM5Ipx8K6yurPprWW24jh8990qCNYsZ8wyZ2BcfxZx2rpbLSrt/hfqVjHNaLIurxby1/CsbDyicCQvsbtwCentWudd0iW0vNBWawu7hNJtLRJLqZo7a4khZndBKGXA+bCksFJUc4Iy+v9dri6J/1vY46z8FajLqgttQMdlbram9ku9wljEC9XUoSH64AB68cVOPBMmoWOm3vh25kvYL+7NmBcW/kNHKATyAzArtBOQTjBrpdG8QRwSJoOu2ujWmny2U8Futpf+ZHvd1fbJIJZCikrjORjP5T6T4ph0afTf8AhIL+0eeXUPO8mykSaCxgEMkSqNhKgZkztBPAyeTy1Z/157fcS7/16b/eefarY6VYgw2WqTX11GwWQrahIDxyUcvuYZ4GUGevFTaidE/4RbRxp4/4m2Zvt5y/Td+76/L0/u/jXRapqFzF4P1ez8Sa1barcz3Ef9nLHdpdeWVbLyKVJ8tSpwBx16cVwdQnpYvZl/8AsTUf7B/tr7K39ned5Hn5GN+M4xnP44x2qhW59lH/AAgv2n+31z9u2/2PvOfu/wCu25/DOPx7Vh03uLodN4a8IR+ILeaSTVre2kWCWaO3RfNkYRjJLAEBAegycnsMc1zNdx8OIUtb+7vru8sLaCawngTz76GNi5GANjMGGfUjFY/h3wv/AG14ui0G6v4bR5cgTRMtwhO3cACjbTn6/rxRq5WXb/MV1y3ff/I5+lGNwz0zzU17atY6hcWjsrtBK0RZOjFTjI9uKgojLZobVtDrLrSdD1zx81p4ck+zaLsEjTYc+XGke6Rvn+bs3XvitCz8NW+vqYE8O3OiRyvB9gv3ErecjSIh37zsc7X3/Jt+76VR+HhgXUtVN3jyRpkhkyM/JvTf/wCO7q9Fj1PShrEcs2u6Z5Z1KeeUi8jb/lrD5Xfp5adegxg88VUbJpPb/g/1/TJk5cra/rT+r+p58fh7Il1rqTagscOl25mgm8k4vP3bSKFGeMopJ6496xYfCmsXFm1xBbRyBYftDQrcxGYR8Hf5W7fjBBzt6EHpW5YeL7m9B07Up4hbWun30cMhOGkZ4XC7iTyeir9cd66XQ4/DuieJ7WfTZtFTThaELqE+osbmV2hbIMYfahzxhkA98kCk1aF/L/Mv7bicJbeCdfu7O1uorONYLzAt5JbqKMSkkgKu5hluD8vX2q/4W02zvP7a07V9Ji+02VhcziZnlSWORAAFIDhcA54K0vijUYpPDXhJbK8Rp7S0feIpQWhfzMjODlT0NWPBKSNNrF/qGoWSG+025hV7rUIUkkmfGMhnDcnPJGPel0lbz/4AoO/K35f8E5nTdD1DVYZprOFfIgx5s80qQxIScAF3IXJzwM5NXU8F+IZLy6tV01/OtFR5gXQBVY4D5zgr/tAkAZJOOa1khW78Bv4fS7sIdQs9R+0ukl7CqTo0YUFZS2xiPTd0+lbOoazYL4b1bT4dTglntdEtLHekvE0izMXEZP3wA2MjggelD8v60v8AnoEbtpf1vb8tTmdP8DalcamIL9o7O2Fo9690rrOnkJ95kKEhz2wD+VZk+nWk81vFoFzdahNMxTyHs/LlzxjCqzgg59c8HjoT1CX848PeFP7B1i1s9SsobpiGu0iIJmBCsWO0ZHOHIBAPXgHa0/XNJsb3S7/xA+mRa9JNLHNc6cUdVieNwJZfKJjL7znjnb1qmrP0v89f6/MV9DgdR8L6vpdo91dW8bQRy+TJJBcRzCJ/7r7GO0+xxS3HhTWLaxnu5LaNorbH2gRXMUjwZ6b0Viyc8fMBg9a39Ot7LQvDurafreqWhXVJ7aFRY3KXBEaShnlOwkKNvQHk56VtgaLpEXiiKyOh2trLp00Nm8GpNNPdD5cZHmFQT6bVbPQEA1PS/wDW39f0hq97HHnwH4jXy92nqrTRmSGM3MQeZQu4mNd2XwD0UH061V0/wprOp2sVxZ2qsk5YQCSeON5yv3vLRmDPj/ZB5461s+O9XB8TafeaPqGXg063RZ7WbmNgnIDKeCM9K1pdUgvbPw9f6Pa6Hc3Gn2kUDC/v2tpYJYznIUzRqyknIIB759Kemvrb89SU20vQ4yy8O6nf2slzFDHFBFL5LS3VxHbr5mM7AZGUFsDkDkUlr4c1S7nvIo7ZYzYnFy9xMkKQndtAZ3IUEngDOTzXVaTqdzqf2iHVotBvtPutSe4uLW5vlt2tnLfM0bl1O0g/wlx8v5wWVxDZ32t2Ph6XS9R0SeZV+yarcCAyKMlZFZmTBHIyGzyDjuF/X5f8Er+vzORvbK4067a2u0CSqAflcMCCMghgSCCCCCDg5qAY3DPTPNbXi6DR7bxFLH4dcG02qSqymRY5MfMqufvKD0bvWJRF9Rs2fFZ0Q+JLj/hFxjTNqeVy/XaN33/m+9nrVXVNE1HRfs39qWrW/wBrhWeHcQdyHoeDx9DzVCtzxLai1GmbdfXWfMsY2+Vy32X/AKY8k4x6cfQUWsv68w3f9eRh10114QjtfCE2tLq1vcywTxwy29uu9ELrux5mcEjvgEe/WuZrvrLTynwvv9Ma+0tb2e/jnjiOqW2SgXBOfMwPoeaT+F/L8xL4l/XQ4Giug0Pwsut+HNa1NNQSGXSo1lNs0ZPmqc5O7PHT0PPpXP0+tg3VzY8KnRR4ltf+EnGdL+fzvv8A9w7fufN97HSrPh/SLa5hvdTvLeW6t7aRIbeziLBruaQnZHkc4wCTjnsMZrnq9L8CXEFt4KmeS4htpjd3KQSzSCNVmNriPLHAHV8EnH6UN6XDql3/AK/4cq23gQeIIoz9ik8OXyQzGS1ljkKSMrRiPaJG3ru83GckZXpzWFL4NuIvCdnq3nM13d3i2yaeIjvAbeFYnPcxsAMfjXda5qun2mg6m2m61ZNJHawx2SwXKl9q/ZugByDmN/lxnjJGMVhWOu2Hi1nHi65htI7jVbUyJEfLVY1hmXgEkhd20Me2/ORmtLJvT+tf69CLyUbvv+iOVufC2rWtqly0EM0DzCAS211FOqyHorFGIU898VYvfBHiHT0uDeWCxtbRmaWL7REZFjBwX8sNuK5/iAx3zXXRz6dp/hfVbb/iSWDy3to8VvY6g07Oiyn5mLSMvA/u4I6sBxXNeONUMnj/AFq50u+LRXDmPzbebKyxlQCuVPKnpjpWV9bf1sv8y+rXp+v+Qs9pp118Nf7Vi02C1vYtSS1MsMkp3p5RYkhnYZJ9AKNJtNO1DwLrtxLpsCXmmxwGK6SSXexeTB3AuV6ccKKvx6aw+GMunG90v7Y2prdCL+1LbPl+URn/AFnrxjr7U3w3YlPBHiCCS802KbUYrf7NHJqVujPtk3NkF8rgf3sUPd/10Gre7/XU57TfDWq6rbC4tLdBA0giSW4njgWRz/CpkYBjx0GTU0Pg7Xp0uXFgY0tJvJuHnlSIQtjd8xcjaMdzxyBnJFbV5bpr/hXQbGzv9Ot59Laa3uYri8iiCln3earMQHUjqVyeO+a0vF/iDT9U8N619gv0l87Vbfapba8yJbhC+087dy5yR6U31t/W2v6/0xRu2v66M5u08G3r3Wq22pMbKbTtOe/C7RIJVGCAGDYwQ33gTWNp2m3mrXyWem273E8nREHQepPQAdyeB3r0iHULC4upYY9Qsg0vg5LRTJdRovnYH7ssxADexNYHhmFdGl1Ow1K70+CTVtOltre4S9hmRHyDh2Rm2A9MnFVJWdvX52b/ADshdPu/QwrnwvrFr9lJs/tC3bFLd7SRLhZGHVQ0ZYbvbrUtz4Q1u0VWktY5FM4ti0FzFMElJwEcox2HJ/ixXZeFNWsPCem2On6tf2puLjUHnJt5luFtVMDxB2ZCVzuYHAOcDJqj4dij8PWN5Z3uoWU1xqV7aRW8VndJPuEc6u0hKEhRjgbsE5PFKy5kv69P6/RkttJu39d/6/U5298F6/p1vczXlgIxajdPH58bSRru27igYttz/FjBHOcc0yPwjrctiLpLMFWg+0rF50YmaL++It28r77cY56V2OqsuieKPGWpaneWrC8iubS3gjukllkaRsLlFYlAoGTuxjgdam1TXlbxMviTw5aeH7jdCrRzXWoGKaPEexkaJp1GRggYXBGMZqfs3/pGrVpNHEad4T1XVvKGn/YZnmXckQ1G3EhGMn5C+4cAnkUvh4aJHNqa+IgGAsZRaYZyPtHGzlOvfr8tbelWH9n+DJJdMvNNfVdWBikMmo28bWtv3XDuCGfv6KMcE1xckZileNipZGKkqwYZHoRwR7im9Hb+v6/Uldy5pGj3+vaklhpNubi5kBKoGC8AZPJIAqm6NHIySKVZSQwPUGtjwlbC78SW8R1waFkORflyvl/KeM5GM9Oo6/hWPIAsrgOHAYjeOje9D6AtmWdNsV1C78qS8t7ONULvNcPhVUegGSx9FAJNaHizw8vhnXP7PS7N2phjlEpi8vIYZxjJ/nWZZWUuoXHkwPAj4JzPcRwr/wB9OQPwzXW/E1Y7nXo9QtLyyurY28MO63vIpW3KnPyqxYDjrjHvSfT+u4Ld/wBdjiqK6DxP4WXw9Z6RdRagl7FqdqLhSsZQoeMjGTnr1478CufpgbQOif8ACEMCP+J79v4OX/499n/fH3vxrbg0GHTobSAeHLjX7poo7m/KCbFojjKoojIw23klsj24NcVXuWp3lhHfXEaajY208QvCI5rlImMz26JAfmPTYSA3TsTnine97L+l0+YLVpf16nCat8OZbZbOXTLtrlLy/e1EbR/NCvmukbsQcEEISeBisvVvB89lr95YafdwXdvarE32yaWO2jbzIw68u+MkE4GcnBNdL4s8XNpN3FH4fv7W7huNPkhlZG3hC00jbhg/K4DcE+vSmzw6Dqkd5fRnTb7U9llHHBf3/wBniSP7NGGYEOm5gwKkbuMdKpqPvOOyen9fj8yE5Wjfqtfz/wCB8jlofBXiGfU7nT4tMka6tVV5Y968KSAGBzhhz1GRjnpUM+l3Xh6a1uNU0+1u7e4VjDm482GXBwcPC/UHsG44zXoWqaxphh1dYdSsDv8ADMFunkXBKtIGOUXedxOOx+bHWvM7WO91TyrFLlPLhDNFHc3aRRx5xuwZGCgnA6cnFR9q39btfoV6/wBaI2fGmi2th44n0zSIY7aErF5aPNhVLRqTl5G4GSeSaj8R6S0OoaXaW2ipp0txbR7RHfrcrdMxIEoYEhQx7ZwMVp/ECy/tLxnJdWF5p08FyIo45E1GAjKxKDu+f5RlSMtgfmKua5DGL/wncrfadJFp9pawXJi1CBzG6yHIwrkkDPUAj3oXReY27Jvy/wAjm73wZr2n29zLd2IT7IN08YnjaSNd23cYwxYLn+LGCOc45qKHwprFxZtcQW0cgWH7Q0K3MRmEfB3+Vu34wQc7ehB6V1H9qWb+LvHU8l9AY7qyukt5DMCJSXXaEOfm4HAHYVs6HH4d0TxPaz6bNoqacLQhdQn1Fjcyu0LZBjD7UOeMMgHvkgUteW/lf8/8imrSa8/8jz3TvC2rarDFJYwROZgxhia5iSWULnJSNmDMOCOAeQR2qte6LqGn2Npd3luY4Lzf5D7lO4qcMCAcgg8YODXd+HbbQNPn8N31m+jsB5ct9eX2oOk0Eu/lViVxwOxKsD1Jxk1b0K5sddm1m31KZXtNF1STWIZF+YPEGbegPTB+U++ap6P+ulv+H+RGtv6/ry+ZwOpeGNY0iG4l1Cz8lLaZIJT5qNtdk3quAT/Dz7dOtLb6YNL1zSh4kh8uyuPJuJBvzut2Oc/ISRkZ4610MF+fFHhHV7ee+s4dTudWS9Zbu4SFWQqykqzkA4J6dcVS8fzWcupaVHp99DfRW+k28JmgbKllBB46g+x5pJ2s/Nflf8x2T28/zt+Wph6utnL4gvE0RCbJrhhaqNxJTd8v3uemOvNJq+jX+g6k9hq1ube5jALIWDcEZHIJBqnGA0iqXCAkAsei+/FbHi22Fp4kuIhrg17Coft4ct5nyjjOW6dOp6fhRayQ73bZjxRmaZI1KhnYKC7BQM+pPAHua6HXfCkWj+HbLVINVivxczyQMIIyI1ZOpVycsPfA9sjmuejQySKilQWIALMFHPqTwPqa7rWLL/i2OlWK32mPdWVxPNPDHqVuzKp5GAH+Yn0GT7UpfD/XdCXxf12ZwdFdBD4WWfwDceJI9QQtb3Qt5LQxkEA4wQ2eevTHTPPaufp9bB0ubXhw6IH1L/hIRlfsEv2Tl/8Aj442fc/Hrx61c0PRYjov9pT6dLqt1cztbWOnoH/elV3PI2whiqgjhSOT1wK5mvVfD01inw+sIbq7t7V57eWMPPIEBT7WpmAJ6nywvHUjoDTWrt/Xf/gCZz134QiuH+3yxv4fsIbNJr9J43c28pkeMRojfMSxQMAx4B5PSsP+xItQkYeHLia/8uGSaZJ4Vt3jRACWxvZSMHjDZ4PHTPoHiLVrDVoNa0L+1LEXF2wurWYzoYWKzysI2kHyqTGVIyQMnBwajsbvTra306G+uNFttTu9P1C2uJLRrdYwz7RF5jQ/IOAcE0n+n42/z0Gt7Pvb5X3+7U8/sPDmq6pb281ja+bHc3X2SJvMRd0u3dt5Ixx3PHvU954P1uwt5Jru0SNYXRJh9piLQF/u+YobMYPqwArtvDb6foWl+H7W81jTmuI9e+03Cx3SMIFMWMlgdpHA5BIycZyDXAarfTHVtVW3un+z3Vw5kEch2TAOWXOOGGeRRKylZf1ov82JXf8AXr/kasmhvY+Dr2a40m1uZVnQDU7bVopfs4OMIY42IOcHk+vtUV1pJtfBEd1JpMDO10B/akOpJLgFCREYlY7T3ycHtVzSf+SVeIf+vy1/9mq1HprD4Yy6cb3S/tjamt0Iv7Uts+X5RGf9Z68Y6+1J6c3y/JDjrb5/qVP+EHdvBkeqLc2n2x70wkNqdsIvL8sMPmLY35PTdnHbvUXhfwYfETXYn1COy8iRbeJtolWeZt21AwYD+E8jPaprBYtV+Gr6Xb3lnFfW+q/aTDdXKQb42i25VnIBwRyM1d/tXSfDfhvRLF1e+vY7ltSmaw1CMLFKG2orHY4JCr0GMZ96p25n8vyV/wBfmLW39f12MTSvDltc6DqWq6pfXFnHYTRwtHDaiV2L59XQDGKXTfDlpqst7cW2oyw6TYQiS5vLm2CupJwFWNXbcSenzDvnFdXqmu6Za6b4qm0Wexb7bd2lzBBOkU27em+TCOCDtZiDxwfSsbQNXg1fQte0TUbi0sLnURDLbSmNLeAvEc7DtAVMjocAZ6nmp1u/K35K/wCv5DVnb+upzN/Bp0TRNpl7NdI2Q63FsIXQjHYMwIOeuc8HIHGbnis6IfElx/wi4xpm1PK5frtG77/zfez1qlqGmSab5azz2kkj5Oy2uUn2gdCWQleeeM545A4zTpj2L+qaJqOi/Zv7UtWt/tcKzw7iDuQ9DwePoeaoVueJbUWo0zbr66z5ljG3yuW+y/8ATHknGPTj6CsOh7sR0114QjtfCE2tLq1vcywTxwy29uu9ELrux5mcEjvgEe/WuZrvrLTynwvv9Ma+0tb2e/jnjiOqW2SgXBOfMwPoeawdD8LLrfhzWtTTUEhl0qNZTbNGT5qnOTuzx09Dz6Uusuy/yQLZef8Amzn62PCp0UeJbX/hJxnS/n877/8AcO37nzfex0rHoqgOh8P6RbXMN7qd5by3VvbSJDb2cRYNdzSE7I8jnGAScc9hjNdBbeBB4gijP2KTw5fJDMZLWWOQpIytGI9okbeu7zcZyRlenNWvAlxBbeCpnkuIbaY3dykEs0gjVZja4jyxwB1fBJx+laeuarp9poOptputWTSR2sMdksFypfav2boAcg5jf5cZ4yRjFCtqn/Wn9f0hatprq/1S/r0Zwsvg24i8J2ereczXd3eLbJp4iO8Bt4Vic9zGwAx+NUrnwtq1rapctBDNA8wgEttdRTqsh6KxRiFPPfFdVY67YeLWceLrmG0juNVtTIkR8tVjWGZeASSF3bQx7b85GauRz6dp/hfVbb/iSWDy3to8VvY6g07Oiyn5mLSMvA/u4I6sBxVcuq+X6f5k3ai32/4JyN74I8Q6elwbywWNraMzSxfaIjIsYOC/lhtxXP8AEBjvmtPxD4PkfX/s3h2yCwxadBdTs8wVI9yAszPI2Bk56n6VV8caoZPH+tXOl3xaK4cx+bbzZWWMqAVyp5U9MdK7DxFq+l+ItNk8PQaja2cyWlvcRXKzqsN26xAGGVycAj+HJAB64PXJNuCl6fky9p29fzR5w2gamtzp1ubb97qao9ovmL+9DNtU9eMkd8VNB4X1adbhvJhhjtpzbSSXN1FCnmjOUDOwDHjoCf1rsrM2Oo6h4M1I6vp9tbaZBDHdefcqskbpKTjy87jnI+bGAMkkAVDa3xu72/s7j+w9U0WbVpZmhvL5beSH5+XRyynDLjld446eumm3r+a/S4r6X9Py1MC38L28Xh651TXL26sjb3/2FreG0WVw+3dk5kTHQik1HwZe2+rRWmmSx6hDcWYv4rkYiUQHPzyFyBH0OcnHTnmt261HQNN8G6naaYtrqlt/bYe2gu5JFYx+VjfhGRsA8ZPH40mieKl1m01201Yaf9pu7eGOyguWa3tgkTFvJDKy7Bg8ZYAkcnnmI6/15FNW/rzOVn8Natbahb2ctsokuY/NhdZkaN0xkuJAdm0AEk5wMc1K/hLVoWtzMlqsNyGMVx9ug8l9pwQJd+zI9M59q6e1ez1G+0/SvEsOj2llY21xJZQWmohopZWwdkkolcoCRnll/WovENxaQ/Dm0sUbSobpNUMr2mnXbThFMXUlnfP1Ule3XIq42vd/1rYRl+MPCf8AwjeuXkdrNBLZW7qEWW+haY5APMasH6n+6OOfejxDZ6f/AMIfoOq2WnQ2M969wsywSSMp2MAvDuxHfvVnx5arqvie61nTb3T7izvDE0ZW9iDrlVGGjLBlweuRx3qXXbAn4faHape6bJcWDXT3EUepW7soZgVwA53EgdFyazV+XUatcy7rSTa+CI7qTSYGdroD+1IdSSXAKEiIxKx2nvk4PamW/gjxBdQ2ssVigS8QPbGS5iTzwc4CbmG5uPujkcZHIrZj01h8MZdON7pf2xtTW6EX9qW2fL8ojP8ArPXjHX2qabU7Rte8BN9uhMNnb2wnPnDbAwmJbdz8pxjOa0SvK3ml+Avs38n+ZzOn+FNZ1OPzLa0VU8/7ODcTxwb5f7i+Yy7m9hk1a0bT9P0jxvHY+No1W0gZlu0WUuFOw4G6Ik5DYzg8Hg967e++x3Gh2FzLbR36R6xeXEDvqkNiuPNBwpkGJUbg7lOR0yK898VNqb+Kr+TXYVgv5JfMmjUgqu4AgAgkEYIxyeKhN6f10X/BC2n9d3/wCjaWU+p6nFZadEZZriQRwxg9STwMn+ZpL6xudNv57K+iMNxA5jkQkHaw68jg1NosQn12yiN+NN3ToPthJHkc/fyCMY69R9R1o1uIQa7exC/GpbZ3H2wEnz+fv5yc569T9TT2S/rsPdtkNjaG+vorZZoIPMbHm3EgREHcsx6D9fTJrW8TeG4tAh0yW31AX0eoW3nq4hMYHOOMnJHuQD7Csa2t3u7lIImjV3OAZZVjUfVmIA/E12fja3WXw74eMF7p850/T1huUhv4ZGR93QKrkt16gEUnsvX9GJbv0/VHD0V0GpeFlsfBel+IYtQS4W+keJ4BGVMTLnjOfm6eg7da5+n1sHS5taWdEHhrWf7SGdUxD/Z5y/XcfM6fL93H3vwrS07Q1t9FtJ00WXXdT1BGmjtAspWCBW2+YwiIYlmyBzgD1yK5OvatKvNMt9P0Jbu+tLQrHp80vnzLGXiSNyMZ6gTdcdOpwOad+voLy9X/AF/W55r4r8PvpF3HdQWkttp14A1uszhmRtiM8ZHUbS+3kA8VQttC1C6MPlRIqzQG4WSWZI0EYcpuZmIC/MpHJHOPUV6baeIdL0zTX1G9v7W6v9JuVaKFJ0dpTJbxJJtwfmAO/JGRkVT1Wz8LT6jLbwXen6g+n6UiWEU16IoJWM0jMGkDL8yq4+XcM80PlX9eVwV9P66nJ6Z4Kv5vEdhYaosVvDdPExkF5CPMidgN0TFiJDjsu76VT1zw3caVqs1vC0E6famggSG7inlb5iFBRGLA/UDnj2rrNW1XTrKfwQ32jT9unTu1zHp87TJABOpxlizHgHuQf4cjFUozb+HvidHrl7dWN1prai8gltbuOchWLEPsViwxnPI6ijsvN/mrA9EzHi8J6hZ6raR6tbRCI3MUVxElzG8kYdhw6IxZM9OQOeOtWvFXgu/0zVtWmtLER6dazOyp56tJHDvKqxQsX2nsxGD1zTG0c6X4mhvbjVtNuLdb+NlmivY5GlBfO4qpJXjklsVsf2pZv4u8dTvfQNHdWV0lvIZhiYl12hTn5uBwB2FTq1fyf5Iq2rXmv1PP61rPwxq19ZQ3cEEYiuGZYPNuY4mnIwCI1dgz8kD5QeeOtZNd94emgv8AS9OsfE/9jXejQLIwuHvRDdWYOcqFDB3weQuxgcjB9K6E9Tm7LwjreoafFf29ogtJWZEnluI4k3Bgu0l2AByeAeTzjODUcXhjV5Ly9tjaCF7A4umuJUhSEk4ALuQuSenPPbNdVe6U2pfD3QLewvLaK1W+u8SXl3HANu9QrYcgnAznaCRnpzWpqviPSPENrrNtYpp91KdQjuIk1Od7ZLiNYViLK29BuBBO1m6E8ZpLX+vQdv6+/wDyOBHhbWjrjaQNPkN6q72jyMBeu/fnbt5+9nHvWx4Z8LLJrz22twRTwtYXE8TQXKyIzIhIIeNiCQRyM+mRzWvDrJ1Eano2qS6XpdzNpUVnZS290HgCxuXEbS73A3AkZLdhn3oeC0i8N+KTLqd5pp3WFwdgu0kTOwhVZlO3LegbP0yKXR+j/UXb1X6HMXWh6hZaTbaldwCG1uyRAXkUNIB3CZ3bf9rGOnPIq34iOiFNL/sAYb7BH9t5f/j453/e/Dpx6Vp+N7i0137L4isL1SLlRDLp7yr5lmyj7qr18ruCBj1wTXJU9dmNF+70TUbHSbPU7u1aOzvt32eUkfPtODxnI/HGe1UK3NUtRF4V0eYa+t6ZPN/4lwcn7F83pnjd16DPv1rDoe7QdEdNYeEI7zwxf6qdWt/Os7Zbk2kK+YQrNtAdgQFbvgZI74pvhXT7HWbbVLG7s086Gxmu4btXcSIyAELjOwqcHPy5561r+EbQQeEfEUc97psMmo2ca2ySajArOQ+SCC+V4/vYqh4Et3h8S3zNKB9isbmSRIykiThVIMZOGUq3Qkduh70Pd+n+f/ACOtvX/L/glHwnZ6Zq2pNpOpqY5L4CK0uwx/cTZ+XK9GVj8pz68YrHvLSawvZ7S6TZNBI0ci+jA4IrT0OB9Y8ZWEVhbR2rTXUe2KEuVjAIJILMWwACeSaXxheQah401a6tCrQS3chRl6MM9fx6/jQ+nz/T/MF1+X6/5GLRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFdXeeDfstjPcfZfEy+VGz5n0Hy4xgZ+ZvOO0epwcVMPA+Uz9k8VdM/8i9x/wCjqAOOorq7Lwb9rsYLj7L4mbzY1fMGg+ZGcjPyt5w3D0OBmuau4Ps17PBiVfKkZMTR+W4wcfMuTtPqMnBo2dgLaa1cJ4bl0QJF9mluVui5B37gpUDOcYwfSs6u2tLSG8+EcaXGoW1gq625D3CyEMfJXgeWjHP1FaWu6TJc3miC2sLfWIrXw5AxkknaC3UeY43szFDjGcAlTn6EFtWb+X5XFfZf1ueb1a03TbvV9ShsNOi865nbbHHuC7jjPUkDtXc3Hhzw7Bq3hm51MQ6fZ6lFJ9phhu/NtxIh2jEoZyEZsZO47eeR1Fjw9pE2n/EDw5PJo1rYxTTyeXc2F009vcKFIBUl3wRg/wAXQjgY5OuoPRNo81ZSjFW4IODUlxaXFoYxdQSwmWMSIJEK70PRhnqD612LQ6HfeH9Z1S00SKJtJuYAglnlY3KOWUiXDjnI3ZTb6dKl8faja/8AEoi/sax3y6LbFJd8+6EFTgL+8wQO24E+uaX2b+n4q5claTX9bnCUV6JoHhKG+ni03WNCtbH7RZNJHcHUR9sD7NwcwmTlSQfl8vgHrwTVrQ/CWnCDw7Lc6B/aOnX8Dz6hqUsssa2+M5GVZVQKBnLA7snBp21t/XX/ACIvpf8Arp/meY1f0zWr/RjM2mTLbyTIUaVY1Miggg7XI3JwTypFdRo2k6Rqen3Z0q107UNWbUCkNheXUkC+Qc7fKHmKWJPXLkgAcc5PJanbtaarcwPayWZjlYfZ5W3NFz90nAzj1xzSv0/r+tSrFWitjQND/tozjytVk8rb/wAg7TvtWM5+9867enHXPPpWm/g3bfxW/wBl8S/vI3fDaFiQ7So+VPO5HzcnIx8vXPDsIwdI1a60TVIr+xKiWPI2uu5XUjDKw7ggkGpNR1WK9t0ht9JsNPVXLsbZZCzkjHLSOxwPQEDmtq48G+RNbJ9l8SjzpNmJNC2MflZvkHnHc3HTjjJzxgw6v4U/szS5bv7P4gTy8fNe6N5EQyQOX81sdeOOTgUmBzVFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAF+w1G1tIGS40ayv2LZElw84YDHT93Iox+GeetM1C+t7zy/s2l2mn7M7vszSnfnHXzHbpjtjr3qnRQAUUUUAFFFFAF/wDtq/GinSUmWOyZw7xxxqhkIJI3sBufGeAxOO3SqFFFABWppWuzaXa3Vo1tb3tndhfNtrkMULKcqwKsrAjnkEcE5rLooAtaherf3QlS0trNAiosNspCqAPckknqSSTVWiigAooooAKKKKACiiigAooooAKmtLl7K+guogpeCRZFDDgkHIz+VQ0UbA9dC3qmoy6vq11qNyqLNdStK6xghQWOTjJPFVKKKNhttu7CiiigQUUUUAFPhlaGZJUClkYMA6B1JHqpBBHseKZRQBc1PVr3Wbz7TqU5mlCCNflCqijoqqAAoHoABVOiigArefxVJPbwLfaXp17c28H2eK7uI3MgQAhcgOEYqDwWU9B1xWDRQAUUUUAFFFFABRRRQAUUUUAFa3/CQTR6BJpNna21pFOV+0yxBzJcbeQGLMQBnnCgDNZNFAdbhRRRQAUUUUAFFFFAF+61q/vNMt9OmmUWdsd0cEcaxruxjcQoG5sfxNk+9UKKKACtew8QyWmktpl1Y2mo2fm+ckV0HHlPjBKsjKwyMZGccDisiigCe9uvtt7LceTDB5jZEUCbEQegHp+tQUUUAFPglMFxHKqo5jYMFkUMpwehB4I9qZRQBsX/AIjmu9HGlWtna6dYmbz5IbXzP3r4wCxd2PA6AEDnpWPRRQAUUUUAFFFFABRRRQAUUUUAFX/7avxop0lJljsmcO8ccaoZCCSN7AbnxngMTjt0qhRQAUUUUAamla7NpdrdWjW1ve2d2F822uQxQspyrAqysCOeQRwTmquoXq390JUtLazQIqLDbKQqgD3JJJ6kkk1VooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAN2HxTJ/ZNnp2o6ZY6nDYsxtjdCUNGGIJXMbrkZGec9fSs/WNWutc1afUb8oZ5iMhECqoACqoA6AAAfhVKih6gFFFFABRRRQBf1PWr/VxAt/MGjtk2QxRxrHHGCcnaiAKMnqcc1QoooAK3LbxPJHp1pZ3+mWGpx2TE2zXaybowTkr8jruXPOGz1NYdFADpHMsrOwUFmJIVQoGfQDgD2ptFFABRRRQAU+F1jnR3iWZVYExuSFcA9Dgg4PsQfemUUAbP9t6f/0K+k/9/bv/AOP1jUUUAaNzrVxdaDY6TIkQgsXkeNlB3EuQTk5x244FZ1FFABRRRQAUUUUAFFFFABWrpmvzaRYXkFlbW6zXcTQPdsHMqxtjcq/NtGcddueTzWVRQBo6Vrl1osV4LARpNdReSbgqfMiU/eCHPBI4JxnHTFZ1FFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFdBrGg6Vo1xcWEutSS6lbqRIkdn+4Eg6oJN+4ntnZjPoOREvg7XXtfOWx5MP2gQGaMTmPP3/J3eZj329OelHS4eRiUVotoGprc6dbm2/e6mqPaL5i/vQzbVPXjJHfFXY/BWvSQ+d9jSOHzXh82W5ijTzEbaV3MwGc8Ad+cZwaLMCidZuG8NrohSL7Mt2bsPg795TbjOcYwPStaPx1qAtBaT2dlc2ZsIrB7eVH2yJGxZGJVgwYFjyCB7VY0TwJcXh1iPVDHaz2FpK6RG9hjcSqQAHVjkJyfmOB055rFi8OalPqLWVulvPKkRmd4buJ4o0HVmkDFFA9yOo9RT3+f/Dfkg/QuXni+e+WwiuNM0w21gkscVssBEZRzkg/NnI7MCG7kk5NS2/ji+sbnTm0+ysbS306VpobWNXMbSMCCzFnLk4OPvY4FVV8Ha6+pRWEVgZbiaA3EQilR1ljAyWRwxVvwJqHU/Deq6RarcX1ughMxgLxTxyhJAMlG2MdrY7HB6+lLf8Arz/z/EN/6/rp+Ay31y5ttH1LTUSIw6i8bysQdylGJG3nA5POQas3fiaTUNLtrTUNNsbmW0t/s0F4wkWVEGdo+VwpxnjKn8an8TaXY6BbWelCIvq4QT30zMf3RdQVhAzjgEEnkknr2p+q6fZaV4N0eUWcc15qiSTPdPI+Ygr7VVFBC9Aclgevah/193+Q73dyynxE1BNUXVDpmlvqXlCKS8eFy8q7NnI37VOO6hTxjpkHdl/srVF8OBk0XULOKxhhurrUNR8ieHDHenlrKh+UcD5GJ45auOB0T/hCGBH/ABPft/By/wDx77P++PvfjWxonw21XV7XTppIry1F7cNGS1kxWKIIGEpORwc4A4zjg1X/AAP6/EX9f19xmvrOn6bqlwmn6TYahZw3kj2U10socR7vlztddwwAcOD3+lZOpajdavqU9/fyebc3D75H2gZP0HArf8NeCZNemvY7u8OmtbSrbIs0BJknbdiPBI2n5TnqR6Vm6d4W1nVra5uLGz3w2r7LiR5UjWI4J+YsRgYB5PAqP6/r8PwD+v6/H8TIorYPhPWhqX2E2Y837P8Aat/nR+V5OM+Z5u7Zs/2t2M8dai/4R3VDqlvp0VsJ7m6G6EW8qSrIMkEh1JXAwcnOBg5xiqswMyitv/hD9ba6soIrSOdr5mW2eC5iljkYdQHViuRjoTUd/wCFtY02xa8vLQLCjrHJtmR2hYjIV1UlkPswHpSAyKK2LjwprFtYz3cltG0Vtj7QIrmKR4M9N6KxZOePmAwetaM9pp118Nf7Vi02C1vYtSS1MsMkp3p5RYkhnYZJ9AKAWrOWora0s6IPDWs/2kM6piH+zzl+u4+Z0+X7uPvfhVTS9E1HWvtP9l2rXH2WEzzbSBtQdTyefoOTQBQoorU0HRo9ZvhDPqFvYxBkUvIdzsWYKFRByx59gO5FNK7sJuyuzLorY1Wwj8M+K7qwnji1NLOVoyJg6LLx1IRgw9eGqz4u0uz0DxlLbWsJezXyplgkcn5XRXKbhg45Iz1x3zzSTTSa6lNNNrsc9RXQeKtFtbH7Fqmkbv7K1SMy26uctCwOHiJ77TxnuMVz9AgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDq/EOkQ/2/eavZalpt3pssrXcbfa0EjBjuCGLPmBuduNuB3wMkdJ9ssl+J3/CZHVrL+ytv2gAXKef/AKvZ5Xkg792eOmMc5rzCiklZJLoD1d2ek2ZsdR1DwZqR1fT7a20yCGO68+5VZI3SUnHl53HOR82MAZJIArP8Zala3Ph6wgtb2GYrqt9K8ccobAaQbWIB6EZwa4airTs0+zv+Kf6AtP68rHpt1qWnXXxH8WRpqNosep6dJb21y0yiFnKIQC/QfdIyTjNZXhlrfS9N17RdROlyXd/DE9uJr1TBJsYsUaWKQBSe2WAyBnrzw9FStEl5WA9O8P621prlha6mNG0yzs7G8Fv9jv1lUGRckFzK+CSOBkdTXnlnfy27QxPLKbRLhZ2gDnYzD+Lb0zjIz71UooTalzf1u3+pPKmmu/8AlY6n4goYvH97dMqz290yXUDHOyaJ1BGCCCR24PY1J4zHm6L4avEPlQz2TCO0X/V2+1yCEJ+Ygnn5ixz3PGMW7167vtCtNLuxHLHZOTBMynzUU/8ALPdn7uecY4+nFLLr0tx4fg0m6tbaZLUt9muGDCWEMwZlBDAEE5+8DjJxStaKS6flYu93d9TLr1PQ9Z8N2Wl6I6eZHJZ2l/cCN9RiyrsCuxv3YJZgPl6EccNXllFPpYXW53h1rQ9C8O6JbwQ3FzN9qbVCLbUEBgfdiNHPlsCwVRkYXqeOau+IdS0eTw54qXS7uALf31pdRQiUbm3IHcAZydrMQfQjFebUUPVP+u3+SFbVPt/wf82dJ4Y1fVI7yXybuynAtPsxtNWnAimhz/qwXIAAJ3Abl74zyD1Fhc+GNI8QCO2+xWsuoaRJbXEX2p5rWC4fGB5ynO0gckMduevBrgNM0q61i6FtY+QZjjas1zHDuJOAAXYZOT0HNQXlnPp99PZ3aeXPBI0ciZB2sDgjI4PNN+f9b/5/eNaf1/XY9F8O6u+ma3o1leQaDpmmLqBume01FZsP5TLliZ32jB9hnFY2g3enyeGfEdvqt8sIu7yzLHeDIyeaxdlHVsA54zXG0UX7/wBbf5B0a/rr/mepAaLpEXiiKyOh2trLp00Nm8GpNNPdD5cZHmFQT6bVbPQEA1ix6aw+GMunG90v7Y2prdCL+1LbPl+URn/WevGOvtXGXFpcWhjF1BLCZYxIgkQrvQ9GGeoPrUVS+3y+53Gnb+u4VueGbUXR1Pdr66N5djI3zOV+1dP3PBGc+nP0NYdFMQVr+GbN7jXrSYTWsUdvcRySNc3UcIChgTjewz06DNZFFNOzuJq6sdN8QI1bxlqF9BcWlxbXc7vC9tdRzZHHJCMSvXvirPxCZYNYh094kmntrWANfOCJZQYwQpC4TABAHy7sAZY1y1pPHbXSSzWsN2i5zDMXCNx32Mp9+DVzU9budY159V1BIZZXdWMW0iPauAEwDnbgAdc4755qVFKKiU3duRt69/onw48N2U+PtMsk92qH7yRMQF/BtpNclV7WNYu9d1OS+v2UyPgKiDakajgIo7KBwBS3miahYaXZajd2/l2l8GNvJvU79pweAcj8QKfdiWyiv66soUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUATWkH2m9hgxK3myKmIY/Mc5OPlXI3H0GRmulvPBv2WxnuPsviZfKjZ8z6D5cYwM/M3nHaPU4OK5SigDsR4Hymfsnirpn/kXuP8A0dUNl4N+12MFx9l8TN5savmDQfMjORn5W84bh6HAzXKUUATXcH2a9ngxKvlSMmJo/LcYOPmXJ2n1GTg11+myyaD8MJNY0pjDqN5qP2R7uPiSGIJu2q3VcnqRgmuKrX0nxHdaVYXVg0Fve2F1hpbS6Vim4dHBUhlbtkEe/aj7LX9bh1TJdJ1G81TxlpE+o3ElzMLuBTLKdzsBIMbm6secZOTjA6AVv/2XZ6r8RPFkd/D5qwR308Y3FdrqSVPBHT06Vztr4hitNVjvotE03MOwwRfvgsTKd27IkDMc/wB8t2HQAVa/4TO5XxBJrFvpthBPOJVukUStHciT7wcM5wP90rQ9fx/Eadnr3X4FjTtI0eTwbYajqm+DzNb+zXNzGWLLB5YY4XkcZJzgn69KteJNKi0xWv7Xw9ps2lpdlILyzvpZ4ZVwfkkxIWDcryNnIPBzxmXPjK6uNMtNOTTtNhsrS5FxFbpAWXO3BVtzEsDyTnJ568ACtd+JJJtHfS7Kws9Os5ZRLMlsJGMrD7uWkdjxzwCBzRJ32/rb/JiXn/W50Xj3ULY/2RF/Y1jvm0W2KTb590IKnAX95jA7bgT65rSl8IaJp+t/2HqEWmxW624WXVZdWRLhZim7f5RlwFyQoUpnHOa4278TPqOlW1nqGm2NzLa2/wBmgu2EiyogztHyuFOM8ZU/jTrvxS2pKjatpOn392sQiN5L5ySsBwpbZIqkgYGSM4AzmnLW/m3+oLobl5b+HdC0Dw1dXOhrey6hD5l273Eo+RXIOxVZcMQepOOOnOa4y9Nsb+4/s8Si181vIE2N+zPy7scZxjOKu6nrtzqunabZXCRLHpsJhhKAgsCc/NknJ+mKzKXV+r/MUbqKT7I63w14nttK8L3+mPf6nptxc3EcqXWnxhiFUEFT+8Q859az/F+m3una4Pt+pNqn2qBLiG8dmLTRMPkJ3cg4HTJxVHTtRt7FSJ9Hsr9i24PctMCvthJFBH1BrY0nX5b/AMdWut63qUNp9mkSTc0DMoRCMRoiKcccDoPfNPRtf10DWKdv61ucxWr4Y1Cw0vxNZXur2hu7OF90kIUHPBwcHg4ODg9cUvijV4de8U6hqdtb/Z4rmYukZxkDpk47nqfcmqFldfY7tJjBDcBchop13I4IwQeh79QQR1BBpRb0Y5Jao6/xNDquoaXcanB4jXxLo8dwrSM5ZZLZjwN0b/NGrFiBsODgegxR8Q2en/8ACH6Dqtlp0NjPevcLMsEkjKdjALw7sR371Tl8TyHS5NNstNsbCynkWS5htxKftG0gqGZ3ZsD0Ujqakv8AxWL/AESDS30PTYre18z7OY2uN0Jc5YgmU5OR/FkUvQd7u7/rc0bZdKXwfdatqnh+wi3/AOjaeI5bkPNN/E/MpG1R14wSQOK07XwxpenwaHHqFnp91HqFulzeXV1qqW8kKydBGhkX7o5yVbccj2rnbzxauoWtrb3mgaXIlnAIIMNcrsX1wJgMknJOMnvUI8TvLp9raappdjqYs0MdvLc+arpH/czG6ZUHOM5xk1WmpK2H2o8PaZq2s22qwzalAiTQ2E1vIAPMDYSQkEAjAz3HPQ1gVr6N4kutBk1BrCC2xf2z20iSRlwiN125OePcn3zWRS7FHReE9NtmkuNb1ePfpmlqJHRulxL/AMs4f+BHrweAc12Os+Kk07xzpet6oZla68Px7ntEG5HkRvmUFh0Jz1rzuw13VtKhaLTNUvbONm3MlvcPGCfUgEc1oal4wvtburObXIIdRS0txBHDcSTbD0zIdsgO84GTnnA4pvVW/rZ3J/r8VY6jTkimvtF17WvENxrGjNcSWwOqhs2txsJXehZxt4Q5B+vSrEcWoX/hLVJ/Elxb+ILi0v7aS0jivFuXO+UK6KULbVccBfb7vFcVeeJZb1LO2ksLNNOsyWj0+PzFiLHqzHfvYn1LfSiXxReBLWLTYbbS4LWZbiOG0Q4MqkkOzOWZiM4G4kAdAKE1e/8AW6/r7rh/X5nouri6dPFMUeoNq8ZttiaECpOnZIO7buKjysBf3W7k87aqaWsWg+Hte8MxKjXY0WW71KXALLMdoWLPoisc9eWNcnL49vvPv7qx0+w0++1BClxe2qyCRgSC2NzlVJxyVANR2Pj/AMTWK3Q/te8uPtEDQ5uLmR/Kzj50+bhhjg+5pdGvL/P+u5XW5zddLpHhT+09Miu/s/iB9+fmstG8+I4JHD+auenpweK5qigR1dv4N86e5j+y+JT5MgTEehbmHyhvnHnDaeenPGD3wBfBu7UJbb7L4l+SNHwNCzIMlhynncL8vBzyc8DHPKUUAbGv6H/Ypt/3Wqx+du/5COnfZc4x93523deemOPWseiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKK6u88ZfarGe3+1eJm82NkxPr3mRnIx8y+SNw9RkZqYeOcJj7X4q6Y/5GHj/0TQBx1FdXZeMvsljBb/avEy+VGqYg17y4xgY+VfJO0egycVzV3P8Aab2efMrebIz5mk8xzk5+ZsDcfU4GTR1A0G0Pb4PTXftH3r42fkbOmED7t2ffGMfjVu68H3qz6fDp7fa2vNNXUZC22JIEO7O52baANv3iR1xVyw8nVfhu2k293axX0GqfajFdXCQB42jC5VnIUkEcjOa159ZeHWbW20S90q7+x6LHp93FeyqtvdkMd6q7FVIBIIO4ZxwT0Ldru39af5i/r8f8jjv+Ed1Q6pb6dFbCe5uhuhFvKkqyDJBIdSVwMHJzgYOcYqdvCOtC5soUtY5jfuY7Z4LmKWORh1XerFQfYmuysLnwxpHiAR232K1l1DSJLa4i+1PNawXD4wPOU52kDkhjtz14NRaHqsmm6xolld2+g6bpq6mt072eorNtcIVyxMz7VwfYcChJNr+uthSbUW1/WlzlbjwZr1qjNNZKCkkcUiLcRs8TSHCB0DbkyehYAcii98Ga9p9vcy3diE+yDdPGJ42kjXdt3GMMWC5/ixgjnOOafDqTxeNpWS9ZLS41JXmIlxHIom3Atzggdcn610H9qWb+LvHU8l9AY7qyukt5DMCJSXXaEOfm4HAHYVMW5RT8m/uRdtWvT8bnLw+FNYuLNriC2jkCw/aGhW5iMwj4O/yt2/GCDnb0IPSrkfw/8TSwJMmm/u2VXDG4iACsu4MctwuO54zx14rtdDj8O6J4ntZ9Nm0VNOFoQuoT6ixuZXaFsgxh9qHPGGQD3yQKkutc019L1BBqdqzNp+lRoouF5KPl1HP8PUjt3q7K/wB36/5ENtL5f5HnkHhHWria4jW1jjNvcm0dp7mKJTMCQY1Z2AZuOik/rUVv4a1a4uLyEWvktYkC5a5lSBISTgBnchQSegzk9q73xBqena1avBYRaLfzWeqXpdL6+a3DLLMzJJGwljVwQMHkkcdjWSmvatqGqa092nh+4W9aJLvT57xEibYoCyRyGQDIAxlZCct09E97f10HfQ4u9srjTrtra7QJKoB+VwwIIyCGBIIIIIIODmq9bfi6DR7bxFLH4dcG02qSqymRY5MfMqufvKD0bvVbQ9V/se+a48zUI90ZTOn3n2aTqDy21sjjpj09KS1Kehm0V1dx4y8+a2f7V4lPkyb8ya7vYfKy/IfJG1uevPGRjnILzxl9qgEf2rxK2JEfE+u+YvysG6eSOeOD2ODzjFAjlKK6u98Zfa7Ge3+1eJm82NkxPr3mRnIx8y+SNw9RkZrlKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorrfE/iHWLjxJqGkxXUltYLO9pHYL8sEaBiqjy/u5HXOM556gVrpoGgDx7/whjabvGDAdT8+Tz/O27t+3OzaD8u3b05zmkndJrr/AF/kD0dn0PO6K7SXQNMXXPBluLb91qcFu92vmN+9LSlWPXjIHbFW9Y03w/oGi292dFW8uJtSu7cLLcSiMRxygD7rA7gMAHOOSTniq5XdLza+5pfqH/D/AIXOFgtLi6EptoJZhDGZJDGhbYg6scdBz1qKvVLS20/w94h8ZaVaaXbyQ2ulzOskskpd0Plt5bYcDaN2MgBuBz1rnPD2lWWuW+r6u+m2MUenQxrHY/a2ghkkkYqGeSSTIA5OAwyQAMd1uk12v+YHHUV6Xpnhfw7f61pv2iC2Bnsbl7ywsdQE6wvGPldXV2I3A5AJPQ9a5K5uNE1W1ht7DSjpl+14EUxSvJG0DDA3F2J3g45UAEE8dKFq7f1vYXMrNvp/lczJNLvItJh1OWEpaTyNFFIzAeYy9cDOSB64xnjOak/sW+GijVXiSOzZiiPJMiNIQQDsQkM+MjJUHH4VueP5Gk8ZSaVAQlrpoSytY2cBUVQByTwMnJJPrzS+MgLXRfDemsP31rZO0jIMxtvkLDa4+Vx6lSRnv1pXTV11/r+vUq2tmYA0e+OhHWBB/oAn+zGbev8ArNu7bjOenfGKsad4a1XVbdZ7O3TypJPKjaaeOHzX/upvYbz7LnqPWqw1a9GinSBN/oJn+0GLYv8ArNu3dnGenbOK9P1PwlYzXEEepzXawWNs8NqlrIqeUlvCHlkbKtktI2MDHrk8Cm7av+vMW7SR5NJG8MrxTI0ciMVdGGCpHUEdjTa9m1y40iWGzg12aOFrJptWi3EDzz9ol3xDPUsdvHtXPa/a3WreKNT1aXRrS+DQ2bST3t39mt4ma3QkZ3pliSMDdwM8HIIpxs2uzt/X4kKSaT7q/wDXyaPOqt6bpd5q9y1vp0PnSpG0rLuC4VRljyR2r0WXwn4dsr/Vri409p7WLR4dSitkuyRG7NyiyKTuXjGeeDx61U8ET6TqXiCAaZYrpt42n3iXaiRvs5yh2MpdmYcE7snHAx3qe662f6/qir/ml99v8zzqivRo/DWiWvjvR/Ck+mvOwYG9vZZJF+0koTiMBgBGOxxk469c89puk2M/hHxFe3ERM9lPbLBIGP7tXdg3GcHgDrQtdV/WqX6j6X/rr/kc1RXc+JNBso9Nurnw5pdpfaTDHEU1O1vXeeMkDmaMsducNkbFwSOeMHrdW1K407x9cza5q0B8OLaoJtPmvEl80GJcKtvuLBi+DnaO5zjqrjSPGaK9EtfDGl6fBoceoWen3UeoW6XN5dXWqpbyQrJ0EaGRfujnJVtxyPas6w0GO1knk/sex1PTlv3gS/vdSFskyKcfuv3iAkgE5+YcjgYOas72JvocjBaXF0JTbQSzCGMySGNC2xB1Y46DnrVjTNKutYuhbWPkGY42rNcxw7iTgAF2GTk9BzXotla2HhzX/GOkW2m288VnpczCWZ5d8iHY3lttcDHzYyoB461xGkXMV34z0iSCxt7FftkA8q3aQrnzBz87Mc/jQrNrzX+YS0T8jMubC5tNSlsLiPZcxSmF49wOHBwRkcdal1fR77QtTk0/VYPIuowC8e9WxkZHKkjoa1PEtxHbfEDWZZ7SG8QX0+YZy4U/Of7jKf1rfl8NaR/wua30NbPbpshj3QCV+8IY/MTu6+9THVLzKlaLl5Hn9FdvBpeha3oepy2unnTv7PvbaGOdZXkeSORyhMgJILcbvlA54xWtrXhrS9HsvEq33htLCKyRYtMvppps3Lk4yPnCuxGW+UYXHIPSnsr/ANbJ/qFnflPPxo98dCOsCD/QBP8AZjNvX/Wbd23Gc9O+MVSq4NWvRop0gTf6CZ/tBi2L/rNu3dnGenbOKs6fcaJHoGpxajZ3E2pybPsM6PhIsH5twz3Hsfw60PrYXYyqKK3fDFz4hmvF0jwxcTQT3cgJNsfLc4H8Ug+baBk4zjvimldibsrmFRXS/EG7sL3xtey6YYnj+VZJYRhZZQo3uPq2ee/XvXNVKd0U1YKu6jo99pK2p1CDyReQLcwfOrb426NwTj6HmqVdT4buZ/EfjLRINYl8+CyQIilFGIolZwnA56Ec8809OojNk8K6xDYtdyWgCJCJ3j85POSM/wAZi3bwvI5K4wc9KyK9Un8P29supapfXV22rywslxL5i+SXuLeV2TbtzhUxzu5PYdKxvHOtaj4f8TzaFo1xLYaZYIkUdrEdscoKAszr0k3EnO7OabVv6/ruhLV2+ZwlX9M0TUNZW6Om2/nCzga4n+dV2RjqeSM/Qc11V5b+HdC0Dw1dXOhrey6hD5l273Eo+RXIOxVZcMQepOOOnOareHLTRdVm161GmLJBb2V1d2lzNJIs6hfuBgr7DgHn5evel38r/gOPvW87ficfUtraXF7cLBZwS3EzAlY4kLMcDJ4HPQE10XhOw0q9stSN39jm1NET7Fa39y0EMo3fP8wZcv0ABYDk9ccdD4PhOkfE5dPvPD0NjcbJW2ySyu0P7hshCH2lCQcZ3HB+8etO1vuv+ALU85RGkkVEGWYgAepq3q+j32hanJp+qweRdRgFo96tjIyOVJHQipn1Wze7imXQdPREBDQLJcbJM9yTKW49iPfNbPiy107w748uLez0u3ltEjiK200kpVS0asTkOG6k96cVeSQdzmLm1uLK5e3vIJbedOHilQqy9+QeRUVejeMIrfXPitPog060gkubuGJr5WlMoBVcnBfZ04+7/jVBNP0HU7vxBpdtpX2Q6ZaTzWt4s8jSyGEc+YGO07sZ+VVxUJ3in/WgXVziKK9A1+38J+H9ZsLG50J5LaexjmuZ0uJDKjPHwYgXCjB5O7cDnsBUEml6HomqaHo97pa6g+oQwy3V088ivGZuAIwpCjb1+YNkntVW/O3z1/yJ5la/lc4hEaSRUQZZiAB6mrGpaddaRqM1hqEXk3MDbZE3Btp+oJFdlqOiaZ4QFnvsk1S5u9QuIle6kkVYo4ZjGMCNlyxPJJJHA4rZ8T2GkLc+MNa1LTft1zaahFHArTOi/MmPm2kZGeeMHjGRUydrfP8ARfqO+tv66/5HmVhY3Gp6hBZWMfm3Fw4jjTcBuY9Bk8CkvbK406/nsryPy7i3kMcibgdrA4IyODXQWdxoF74p0yO00VDb3YhhureeSXZHKXw7RFZN2MYxuJ5J46VX1OWLw5401RNPtLd0t7iaG3S4QyrFhiAwDHBIHTdkd8U/+CPo36GBRXqXiC409PjJYza60ZtzaQ5ecbkWQxfIzjuN2Ce3rxVK9i1C++Huvz+JNStdUubS5hktJUvEuXiLvtfDISFVh0Xj7vTil/X42D+vwucPc6PfWek2epXEGy0vi4t5N6nfsOG4ByMH1AqlVy41a9u9Ls9OuJt9rZFzbx7FGzectyBk5PrmrP2jRP8AhE/s/wBjuP7b+1bvtO/935O37uM9c+349qfewdjKoorv/hnqcn2i+06OC3ijGm3UkkqR/vJjtGAzHnA7KMDuQTzQ9E2HVI4CiiigAAycCr2qaLqGjaq2m6jbGK8XbmIMHPzAEcqSDkEVR6V2vhO9v9f8Z3WsXsq3Go21m88TMiqDKFEceQABwWU/hT0FexgX/hjVtMtJLi8tlWOFlWYJPHI0BboJFViyE9PmA5461k17HoXhrT9F1eP7LPeTXE18LaZ55AUm8meBncKFBX95wAWbgdearDU9LkTWb7TZY3vde027a6h43W/lQPvyB93e+G+gp20T7/5f16Cvv5f8H/I80OiagNBGtG3/AOJeZ/s4m3r/AKzGcbc56d8YotdE1C90i81O2t99nYlRcS71GzccDgnJ59Aa2p7TTrr4a/2rFpsFrexaklqZYZJTvTyixJDOwyT6AUaTaadqHgXXbiXTYEvNNjgMV0kku9i8mDuBcr044UVL6lpXt5/5nLUV6po9jDL8OdD1J4RfXGlreXNvYf8APdhIvzEd1T7xA5PA6ZrD07T21rQtQ8Vauttql/cXotkTUL4W0QO0Mzkl0JOMKqhhgZ4IHALocPRXpllp+m2GoeIP7HeHyrjwvLNJBDcrcLbyEgNGHUnOCPUnBFZXw3vINLGu6heR+ZBFZLHMuM7o3mRWGPpmqt+X+f8AkH+dvy/zOIor0zVF0SHwpb6Ct8JdHsdYthcX1vhi/mJMzsCM5wu0dD909ax/Eumy6QjaloumWtraRXZW01bSdQeVcYPysS7ENyvPydDwcjCemv8AXT/MSdzi6ujR746EdYEH+gCf7MZt6/6zbu24znp3xiuv8SeINZf4e+Gi2rXzG8S8S5JuX/fr5gGH5+YYOOe1ceNWvRop0gTf6CZ/tBi2L/rNu3dnGenbOKHpdDRTorV0+40SPQNTi1GzuJtTk2fYZ0fCRYPzbhnuPY/h1rKpdQ6BRXa/C7U5Lbxpp1nDBbg3Fx+8uDHmXaEb5Ax+6ueTgAnoSRxXKap/yGLz/ru//oRpPRpf10/zBa3/AK7/AORVooopgXdR0e+0lbU6hB5IvIFuYPnVt8bdG4Jx9DzVqTwrrENi13JaAIkInePzk85Iz/GYt28LyOSuMHPStLw3cz+I/GWiQaxL58FkgRFKKMRRKzhOBz0I555rqL3QoLK31bV7y4u5NYe3dbh/MXyWkntpZGQLtzhUwM7uT2HSno9u/wDwwm/y/wCHPLqK7G2XSl8H3Wrap4fsIt/+jaeI5bkPNN/E/MpG1R14wSQOKTw2mlyaRd6jrWg2LWFhHtabzbhZLmcj5IxiXbk9TheADxS2uM4+iur8Iw2GoXEv9p6NYHT7NWuL28ke4DJHnhRtlA3E4VRjP1rm72aCe+mltLZbWB3JjgVywjXsMkkn60ASWel3l/a3dxaQ+ZFZR+bO24DYucZ5PPJ7VUruvhvpraxZ+ItOSaKBrmzjjEkrYVcyryf881KmjaFceJtU0iHSJYYtK025bzbiSQTTzIoIkYbsKM8hQMYPOegT0fyv+Yo+87edvvscVpum3er6lDYadF51zO22OPcF3HGepIHaqzKUYq3BBwa9I+HOl2YXQtVEP+mtrb25l3H/AFYt92MZx15zjNZE1poer+Hddu7PTTYSaVLA0cyyvI8yO+xvMBO3d/F8oUdqprW39dP8x9G/66/5HG0V3PiTQbKPTbq58OaXaX2kwxxFNTtb13njJA5mjLHbnDZGxcEjnjBseFL291HTNRtLvXG1hp9Nljg0aSWR2DDGGHmARgoBuG0lsDgUuj8g6rzPPqK7mTS9D0TVND0e90tdQfUIYZbq6eeRXjM3AEYUhRt6/MGyT2qbWNH0HwvotvJLpQ1K7bUru0LTzyIjRxShckIw+bHAxgcnIPFOzbt8vxsJO/8AXlc4zSdJvdc1OLT9Lh8+6mzsj3qucAk8sQOgNVGUoxVuCDg10+vh/BHxEvB4emaA2cn7hmAcoGTp8wIPDEc1haZLZR6xbS6vDJcWSzK1xHE21nTPIB47e4+o60o2law3omVKKt6pJZS6tdSaTDJBZNKxgilbLImeATz29z9TTLG6FlfRXLW8Fz5TbvKuFLIx7bgCMj26HvkcUIHoV6K7j4hXMt5pPhS4uGDSSaYGYhQo+8egHAHsOBXD0u/zDogq7a6PfXumXuoWsG+1sAhuJN6jZuOF4Jycn0zVKrltq17Z6beWFtNstr4ILiPYp37DleSMjB9MU+gddSTTtDv9VhlmtIoxBCQJJp50hjUnoN7kLk+mc1WvrG502+ls76FoLiFtrxuOQf8APfvXptn4TtdS0Lw/ZX0lwLMrCEitnVGe4uCzu7Eq3CRKOMc9MjmmX3hCy8Utpj2MjWpL/Zrm+lJkJVLaIxFlyBnBC8Y5NO2ja6Ep7ef9f15nm1hY3Gp6hBZWMfm3Fw4jjTcBuY9Bk8Cpjo94msS6XMIYLuF2SRZ7iONVZeo3swXt6810n9jWmj694e0/UNMhuWv4IxdJM8q7Xa4kQsNrrghQB6cZxWB4ls4NP8VapZ2ieXBBdyxxpknaoYgDJ5PFDsnb1KWqb9B0vhrVofESaFJagak7KqwiVDksAR8wO3oR3rNlieGZ4pRtdGKsM5wRwa9NvP8Ak4Gx/wCutt/6JWqmr+FdPtdY03Q2g8/UNZuRK+p728qKNn+5EAdrnHUkHrx6ha3S76fkJtK/kk/zPOqK77T7Dw1qOtavpjaP5EOlwyTxXKXEhlmEB+YSZbb84B+6q47VfPwzi/4Scv0sRrItzZYYn7MTkPvznH8Pr3zQtbef9fqDaV79DgbXRNQvdIvNTtrffZ2JUXEu9Rs3HA4JyefQGqFdTpNpp2oeBdduJdNgS802OAxXSSS72LyYO4FyvTjhRSQ2Om6P4LtNYvrBNSu9RnkjhjmldYoUjwCSEZWLEn1xjtQxrb+vU5eprO0nv76CztE8ye4kWONMgbmJwBk8Dk1v+HYrbV9dazt9DsWhmcytJdzTlbSIDLnckifKBk/Nk9Bk1R1TUbOHxS994YtxY21vMGtBlnI2nhzvJ5JGcH6U1a6uHQz72yuNOv57K8j8u4t5DHIm4HawOCMjg1BVi5vJL/Upby/YzSzymSZhhS5JyegwPyq54in0a51uWXw3aTWenkL5cM7bmBwM9z3z3P8ASlrZXG7XdjLop0TiOZHaNZVVgSj5w3scEHH0Iru/FGoS6n8LtBuZ0ijLX1wFjgjEccajoqqOAB/9c5PNJ6K4lq7HBUUUUwLumaPfaw1yNOg842sDXM3zqu2NerckZ69BzRpukXurySJYxBxEm+WR5FjSNfVnYhVH1NJp2rXukm5OnzeUbqBreb5FbdG33l5Bx06jmu50TQYrr4eW/nvKLWaSS8uUgYLJO4dYIIwxBwNxY5wfpyKej0X9P/hgbOF1HTLvSboW9/F5bsiyKQwdXUjIZWUkMD6gkVUr2mS30vR9FvtInnk/s2WSPSvPuGBaMeZckMxwAAr85x0FYWtQrrNn4e0/SLFdVtdPlvLeFFk8tJVjSHMjPkYUuSxORkHGRnNO2unZP71f9UTzd/Nfc7fozzOlUbmAGMk45OK9LsfCWk348P3Vzp9pbtc6obK6t7G/8+GVdu4MGEjlT2I3e/FcxrVx4dRdVsLbR3tLi3mVLK4SZ3Z9rYfzdzbeRyNqjBwPep2dn/W3+Y/6/P8AyMzU9A1DSLW2ub2OHyLosIZYLmOZX243coxHGRWbXW67/wAky8K/9dbz/wBGLWqPDGj/APC2ItG+yf8AEva1Ehh81+W+zb87s5+9z1o7/wBdLlWv/XnY89orudG0PT9Q8O2DaPp1nrWou0v2+2mvWhuYwOR5SB1BG0Zzh+T04xUmh6nbyeFoNF0zXG8L6vFcMZnk3xJeEnC75k5TYMjDDGT+TtrYXS5wVFdvqGhf8I/ot1q3ibTo7vVZtQa2FrI5SGP5RIZCIiuScjADAYOeadd+G7f+1Le70XRVurW50qO/a3ursxwWhZip3SFlJUbTjLg8jk4IK/r8LhdX/rvY4aivUbPwbodzq2jS3VikcN9p1zLPbWl55saSRcbo5A7deuCzYPB9KwdEsvD/AIv1Wx0qDTX0m6ku2LPBMzq1sELEEyMf3mVwCAF5Jx2oWrt/W7X6Cv8A18rnGUV2uqaVo0nh3ULp7bTdKuraaM2qWWqpdNcRM21lZfNc7lGDkbQeeKk8SaDZR6bdXPhzS7S+0mGOIpqdreu88ZIHM0ZY7c4bI2Lgkc8YJsrldbHJjR746EdYEH+gCf7MZt6/6zbu24znp3xiqVXBq16NFOkCb/QTP9oMWxf9Zt27s4z07ZxVnT7jRI9A1OLUbO4m1OTZ9hnR8JFg/NuGe49j+HWh9bC7GVRRXa/C7U5Lbxpp1nDBbg3Fx+8uDHmXaEb5Ax+6ueTgAnoSRxTSu7CbsrnFUVa1T/kMXn/Xd/8A0I1VqYu6TKkrNoKu6jo99pK2p1CDyReQLcwfOrb426NwTj6HmqVdT4buZ/EfjLRINYl8+CyQIilFGIolZwnA56Ec8809OojNk8K6xDYtdyWgCJCJ3j85POSM/wAZi3bwvI5K4wc9KyK9YHh6CC4vtTvbi7l1eZDHcP5o8lpLi3kdk2hc4VMDO7k9hjFbX9paX/wsganFLH/axvv7Ia2ONwAk5mx1x5Y2Z9arl29bfl/miebfySf33/yZ4bRXdeFvDsd02kxatoFp9l1B9purnUvJncFtoaKMyLkDIwNjZIPJyAHX+kaJ4f8AB/22XS11G9GqXFkrzzyKhVDwWVGBJwOMEdec4xUvTf8ArVL9R3/r73+hyuj+H9Q1+Yw6UkEs2cCJ7qKN24J+VXYFuAemaziCrEHqDg12/g2TTZvi9YSaHDNBYPIxiinOWT90cjOTkBs45zjGeaztE0ux/sHWde1KD7YLF44obVnZEkeQkZcrhsDGcAjJ70eY+n9eZzFFd3b6R4ZupvDOp30Y0yy1Izx3MAmfyRJFgL85JZUYsMkk455HWtPw/p8+ieJrXVW0W1skhs7yeG5sLpp7e4CRnBUl35HP8QyCOBjl2tv5iTvseY0V67aWek6lpup6BoN1G1vq7QXszpgmASXUSrFx0KAtx7iuZTT9B1O78QaXbaV9kOmWk81reLPI0shhHPmBjtO7GflVcUNNJPv+m4uZNtdv12OIor0DX7fwn4f1mwsbnQnktp7GOa5nS4kMqM8fBiBcKMHk7twOewFSWvhjS9Pg0OPULPT7qPULdLm8urrVUt5IVk6CNDIv3Rzkq245HtRb87fn/kNO6T+Z53RXd6hpvh7QPDdldDTo9Xnmv7q3WZ7hxFLFHIAH+RhzjGCDjkkg8VY8TeGNG8JRajffYxqG7UPslpbXEriOJPLWQsdhVmPO0fMOOTk0ul/66f5of9fn/keeUV2epx3Gjavp/wDwhguLN9csIZlhibdLEzOwMaSffAyvrkjrmrHjPVbjTPEGnLZXKPrtrp6W1/dxAO5nwQRuI++Bgbx83bPFGv8AX9f1cSaf9f1/SOEq7qOj32kranUIPJF5AtzB86tvjbo3BOPoea6vxy80Hh7QrDXZTceIIlkkunkffLFExzGjt1J5JwTx+NcnqGrXuqi1F/N5otIFt4fkVdka9F4Az16nmgrpcp0Vq39xoknh/TYtOs7iLU49/wBund8pLk/LtGew9h+PWsqjrYXQKK7/AML6nJdfD/xRZiC3ght7CPAhjwZGMnLuxyWb6nA7AVwFHWwLa/8AXQKms7Se/voLO0TzJ7iRY40yBuYnAGTwOTUNTWl1NY3sN3av5c8EiyRvgHawOQcHjqKatfUCaTSL+PWX0k2ztfpKYTBH87bwcEDGc/hU2peH9R0mBZ7yKMwtIYvNguI5kDjkoWRiA2Oxwa6vwNa3fiC91y9NwF1C72W32gqPkM7nzHAGMHYr9Mdab4gs7Tw94XtpfD89/Abq5hu1Ms4LJj7QkbqVVcEgE+2Rzxylql/Xn+Qm9XY4SivRbH7d4u8B6ZZ6pqNzcSXHiNYPOuJWkZFMPYtn1PFUU0/QdTu/EGl22lfZDplpPNa3izyNLIYRz5gY7Tuxn5VXFNq39eSf6hdf19xxFFeiaB4Shvp4tN1jQrWx+0WTSR3B1EfbA+zcHMJk5UkH5fL4B68E1Uk0vQ9E1TQ9HvdLXUH1CGGW6unnkV4zNwBGFIUbevzBsk9qLa2/rr/kF1a/9dP8zhqKva3YLpfiDUNPjculpdSQKzdWCsVyfyqjSWqGFFFFABRRRQAUUUUAFFFFAG9qfip9XaSe90nTWv5Y9kl8sbiRjjBYrv8AL3Ed9nuMHBqwfHN+Z/tos7Ear5PknUxG/n4xtzjds3bfl3bc471zSK0jqiKWZjgKBkk+ld7H4PudL8HWl7J4Tu9T1O6uJBLFcQ3AFtGnA+WMqcsTnJ444o6B1Xf+v8jHsPHV9YJpzCx0+4udMXy7W6niZpETdu2/eCnuM4yATgg81R1bxNeaxZQW1zHAiQ3M1ypjUglpW3MDknjI4/rSDwtrLTaZHHZGRtVXdZ+XIrCUd+QcDHfOMd8VPF4K16aDz0tIxB5rw+e91Ese9W2ld5YLnJwOfm7ZxT1vf+v6uCsv68v8iT/hNdRPii91t4LR5L+Jobm3aNjDIhUKVI3Z7A8HORUFr4mexnufsem2MVndw+Vc2H714ZgMkE7nLhgeQVYYI+tRjS7GyuJ7TxBcahY30EpjaCGySUDHuZV/QEYwc81f1PQdN8NeMtPsNRu2urTMEt6Hi8tolYgtGwRmOQuOh78URS0+4CvYeKW0rVBfaVpVhZv5EkLIhmZWDjBJ3yE5A6YIFYSsUYMpIYHII7Ve1dbOXxBeJoiE2TXDC1UbiSm75fvc9MdeaTV9Gv8AQdSew1a3NvcxgFkLBuCMjkEg1K6SBqzaNrxfcWWuR23iO1uYhdXYWK/syQHjmVQC6r3RgM59c0/W5YtU8DaBJa3NsX02KWC5gadVlUmTKkISCwII5UHHOelctFGZpkjUqGdgoLsFAz6k8Ae5rodd8KRaP4dstUg1WK/FzPJAwgjIjVk6lXJyw98D2yOaHa3z/wCB+oLf+v66HOV6pe+Kbq8xd6dNoM1hc28jyrf3ASaDfGBNCUDhzlkyCqknIwcZFeV0UwWjubHiLxLe+JrmCfUI4EeCIxr5KlQQWZskEnnLHpVxfG149lJZ39jY39rI0L+TcLJhXiiWIMCrg5KqM5JB9BVXw4dED6l/wkIyv2CX7Jy//Hxxs+5+PXj1q5oeixHRf7Sn06XVbq5na2sdPQP+9KrueRthDFVBHCkcnrgVWqTXz/EO33fh+VguvHmp3a3Qkt7JRdaemnuI4SgWNTkFQDgH8MegFZWia3c6DfPdWaRO7wSQESgkbXXaTwRzg11d14EGoaXdanZwy6VPb2aSvpcsbEmXdKHRdx3KNsW8A7j82M1k6l4KubGx0WSC4W4utTSRpLfaI/s21Uf5mLY+44Yk4AHWk4u7T/pO/wDwRXW/9aWIYPGmqQQaSoEDz6RJutbp1JlVP+eROcFPYjI6AgU+58aXUuj3el22m6bZWl3Ik0iQQsSXVt2cuzE54GDkADgDnNZvCOtC4sYUtUlOoOUtZILiKSOVgcFRIrFc+xNF94U1nSrWW6vrJVjtmQXCCdHeHd93zEVtyZ9wKW/9f15D/r8/+CPfxVKtjeW2n6Zp+nfbl2XMtssm6Rc5K4d2VQTzhQOg7cVT13WrjxBrEuo3qRJNIqKViBC/KoUdST0HrWv4hs9P/wCEP0HVbLTobGe9e4WZYJJGU7GAXh3Yjv3qkvg7XXtfOWx5MP2gQGaMTmPP3/J3eZj329OelLzH+oo8TvLp9raappdjqYs0MdvLc+arpH/czG6ZUHOM5xk1JB4uni0m30+bTdOuobSWSW0+0Ruxty/JAG7DDPOHDe+aS38EeILqG1lisUCXiB7YyXMSeeDnATcw3Nx90cjjI5FYTo8UjRyKyOpKsrDBBHUEVV7PzEdAfGuot4ovdceC0eW/iaG5tmjYwyIVClcbsgcA8HqKrWmvQWWqpf2+g6cGjKNFGXuCkbqchh+9yT04JI46VLo/h+0vvDuoaxqF/PawWUscRSC1EzOXzg8ugGMVVi0f+09Re38PGe8jSIyvJcxpb+Wo+8zEuyqo9Sw60tnZdP8Ahw3RNfeIYtR1h9RutC05pJWd5kD3AWV2Odx/e5B69CBz0q/P48upvEtvry6Vp0WoQOG8xBNhwE2AFTIRjGOmDx1rLuNOuvDt9C2r6bBcJLH5kaySl4ZlPRleJxn8G+taPjTRbWw8cT6ZpEMdtCVi8tHmwqlo1Jy8jcDJPJNJW0SDe9yPwz4hbT7o2dxKttZXt5bzXNyiFpIRHJuDJ1Hc9Q30rpNYg0W5vfEV5qdtocULJPJZXNlqbSzzTFv3Z8tZWHJOTlFA9q5vxHpLQ6hpdpbaKmnS3FtHtEd+tyt0zEgShgSFDHtnAxUV74L1/Tre5mvLARi1G6ePz42kjXdt3FAxbbn+LGCOc45pt6ff+i/Qbu3939f18jCrV0/xFd6boGp6RBHbtb6ls85njy67DkbTn+efbFSx+EdblsRdJZgq0H2lYvOjEzRf3xFu3lffbjHPStKx8GW8sulWmo6q9tqGrxiW2gitDMqI3+rMjbgV3HPRWwOTinrqv6/rQXmcnW9oPiufQNNvbODT7K4W+GyaSbzVkKf3AyOpCnuO/epG8KDTrOW78R3hsIVuZLWNIYfOlmkjbD7VLKNo5yxbrxg1B4bGgJ4tgGvM8ujBnDtIjIzDadpIjJIOccAn60lqG2pPoGpWS+MLDUX+xaHBZusrCNJ5Vfa2SACXO4g46gcdj1p+KNXh17xTqGp21v8AZ4rmYukZxkDpk47nqfcmqVpZT6nqcVlp0RlmuJBHDGD1JPAyf5mkvrG502/nsr6Iw3EDmORCQdrDryODR2/r+ug7WbK9bHhPU7fR/FVleXuRbKzJMQMlUdSjHHsGJrPsbQ319FbLNBB5jY824kCIg7lmPQfr6ZNa3ibw3FoEOmS2+oC+j1C289XEJjA5xxk5I9yAfYUO3UW+h0uveIdWh0m9huZfDtzE5ESz21wJJpz5TQ+aERztPl8HcABngA1zlx4unv4oDqmmaff3dvGI4724R/NwPu7grhXx/tKc45zXP0UavcdzT1PXbnVdO02yuEiWPTYTDCUBBYE5+bJOT9MVa0PxOdBhmW30mwnkuIXglmnM25436rhZAo+oAPvTNLOiDw1rP9pDOqYh/s85fruPmdPl+7j734Vpadoa2+i2k6aLLrup6gjTR2gWUrBArbfMYREMSzZA5wB65FO2/wDW4tkrf1Yx4dYt4pJ9+h6bNDKwdYX87ERAx8riQPg+hYirJ8Yap/wlMGvKYVubYBYoxH+7SMDaI8f3dpI659881ta14EVdHu9Z0ppo0SaMLpskZaRFaONm+bOfleULgjPGSaoa74IudK1aCwtLuG9d7MXM0rMkEcJ3sjKXdtvDLjJIySBijla3/rT/ACFddOpmS6xZy3qz/wDCP6aigNugR7gI5Pc/vcjHYAgc9Kl8ReJH8SXZu7rTbK2umK757cygsFXaAQzsuMAdADxSjwdrz6lFYR2BluJoDcQiKVHWWMDO5HBKt+BNMvPD+paEsV7qVjBNbLOYWAuFkTzAMmNzE+VbHYkHr6Uhk+peLbjVLmO9nsLOPU4/LI1GESLKWTGGI37M8DnbTrvxldXEd8YLCwsrnUV2Xl1bRuJJlP3h8zFVDHk7QM1N4w02ztn0N9KsVtTf6bFcSQxM7gyMzdN7Mew4zVK68I63Z2c1zPZgLbqrzxrPG8sAYZBkjDF0/wCBAYo6O/n/AMEOv3f8Ag13XbnxBexXN6kSPFbpbqIgQCqDAPJPNX7bxldwR2JlsLC6utPTy7S8njcyQqPujAYK208jcpxTZfAviKHeJdPCusRmERuIvMdAoYsibtzjB6qDzkdQaln8M2OmWOnSa5q0trcajALiKOG081I424VnfeCM88KrEAevFG39ev8AwRJLp/X9aDIPGuox2sMdzb2d7NbTyXFtc3MZaSCRzliuCFPzfNhgwzSal401HVbXVYLiG1VdUuEuJyiMCrIMALluB9c1U07wzquqW/2izgj8hpRCks88cCSOf4UMjLuPHQZNNi8OapJdXNu8CW0lqwSf7XPHbqjHOFLSMoycEgZyQCaTS2/rp/wB+f8AXX/gkej6quj3y3X9n2t5LG6vEbkyYjZTkEbHXP45FWr7xDFqOsPqN1oWnNJKzvMge4CyuxzuP73IPXoQOelPh8FeIZ9TudPi0yRrq1VXlj3rwpIAYHOGHPUZGOelRP4U1lLyytksxO9/n7M1vMkyS7ThsOjFeO/PHU4p7h3LOteLTr9/FeahoummaMKpKGdRIirgIR5vTpyMHgc9c0tQ16a9sEsILW20+xRvM+zWqsA78/OzMWZjg4GWIA6AUXnhvVbL7KZLYTLePst3tZUuFlbONoaMsC2e3WjUvDupaTGz3kcOEl8mTybqKYxvz8rBGO08Hg46H0otoBl1q/8ACRXf/CJ/8I95dv8AZPtX2rf5f7zdtxjOen4Z98cUt94X1bTraSa8t44/KVXli+0xtLErYwXiDF1+8OoGMj1rJo8g8wre8P8Aip/DgdrTSbCaeSJ4XnnMxZkbquFkC/iBmo9LOiDw1rP9pDOqYh/s85fruPmdPl+7j734VU0vRNR1r7T/AGXatcfZYTPNtIG1B1PJ5+g5ND6oPM3/AAVrtho/i/8At25a306C3RsWUMcshmyhG1CxbBzg5Zx19OK5i9uFu9QuLlIlhWaVpBEnRATnaPYdKgrU0HRo9ZvhDPqFvYxBkUvIdzsWYKFRByx59gO5FO12hbJmXXR+CNTh07XJkuLlbRby1e2W5cZWFyQyM3tuVc1neINJ/sLxDe6X53n/AGWUx+bs27sd8ZOPzrNqU01cbXRno99451zSDDdvD4dM32iR0jtJ/PYbmV3J2SMArOoPJ3dhgcVwllqc9hdzXEAUtNDLCwbONsiMjd/RiR74qnW3fro0nhnRY9LQtrDNKL4DeSfm/djB+Xp/d/GqV+g3ruTr4tVdCOkDQNL+xtMJyu65yZAu3dnzvTt09qbp3isabo9zpseiabLDdoi3LSNcbpthypOJQBz/AHQK6CDwzZQ6vHo/9g3OoW0UgttQ1mMS/uJiBu2FTsUISPvAk4PTIqnJ8Opo77RYjqC/Z9St/OnuDDxZ4QSMG5wcKwIORnNHK3r3Jvb5GQni7UYItLSxEVn/AGVNLNbNCGyPMbJUkscr2x6dc0//AIS2YtfRSaXpz2F9KJn08xusMcgx86bXDoevRsYJGMYASXwfqLaxe2NkYJVtr2SzSWe4it/PdWxhQ7jJ6cDONw9RUdr4O168F2YdPZRYyeXdGWRIxCcE/MWIwMA8nj3pf1/X4D/r8/8AgjtO8UHSr68nstJsI4by0a0mtSZjGUYgnkybgTj+9SHxOY9LvrCw0mwsYr+NY5zCZmJCsGGN8jYOR+tTabpL6V4qsdO1/Sre5S9eEKJJmKmORgBIjxOA3GeckVX1mO00bxnqUEVhDcWtvdSxR287ybdoYgcqwbj60dl/X9ajV9/T+vwKtlrE9jZm1SKCaFrmO5ZJ03gsiuoBB4wRIc9+ByKs3fiSSbR30uysLPTrOWUSzJbCRjKw+7lpHY8c8Agc1e8Z6HDZ+Op9L0GycKVi8q3i3SMS0asQMkk8k1TufCGt2iq0lrHIpnFsWguYpgkpOAjlGOw5P8WKG21qLRO5UvdauL7RtN0yZIhDpwlETKDubzG3HdzjqOMAVn1u3vgzXtPt7mW7sQn2Qbp4xPG0ka7tu4xhiwXP8WMEc5xzUPiDQv7CfTl+0ef9tsIrz7m3Zvz8vU5xjrx9KPMBun+IrvTdA1PSII7drfUtnnM8eXXYcjac/wA8+2Kyq2rHwlreo20M9rZrtuN3kLJPHG8+0ZPlozBn/wCAg0yx8LaxqERlgtVjj87yA9zNHbhpOfkUyMu5uOgyRR1C+g7w94ibw5ex3ttptlc3cT74prgy5j4xgBXVT+INXNF1e1k8a2erTmy0WO3lWeTy45pVkIbJwpLncc+oXjtVaDwbr9wly66e0aWkphuGmkSIQsF3fOWI2jHc8cgZ5FRHwrrK6s+mtZbbiOHz33SoI1ixnzDJnYFx/FnHamnqmhNaNMTxRq8OveKdQ1O2t/s8VzMXSM4yB0ycdz1PuTWTWtN4Z1O2vYrW5jt4Wmi86KSS8hWKRPVZS2xvwNM1Pw9qGj2ltc3yW/kXRbyZIbuKYPt4ONjHoeKlWSsU7t3JfCep2+j+KrK8vci2VmSYgZKo6lGOPYMTXV694h1aHSb2G5l8O3MTkRLPbXAkmnPlND5oRHO0+XwdwAGeADXLeIjohTS/7AGG+wR/beX/AOPjnf8Ae/Dpx6VUu9E1Gx0mz1O7tWjs77d9nlJHz7Tg8ZyPxxntTel/6/ryDr/X9epp3ni1dQtbW3vNA0uRLOAQQYa5XYvrgTAZJOScZPemr4rB0O00m40TTbi2tCzJva4Us7dWbZKoJ98cDgYFc/XTWHhCO88MX+qnVrfzrO2W5NpCvmEKzbQHYEBW74GSO+KHs2xLdIgtPFX2XRJdKOi6dLaTXH2h1dp1LN/CCVlBKqDwDn1681Auj3Gq/wCm2iaVZwyn5YDqcMezHH3ZZd46Z5/lWPRQBtR3l/4Zgv8AT/8AQpRqVsI5WiuEnCruzw0bkBsr0PbtyKuDx3qhv7S9mhtJ7mC1a0lllRibuIjG2X5vmwO4wfUmsXSPsQ1qy/tUZsftCfafvf6vcN33eemenNbVtpWkal4l1e4hMiaDYeZcDyydzxhsRxqW5BYlRk89fSna/wDX9d3+Ibbf1/Vl+BJD8QNRtY9PhsbHT7WDT7r7TbxRRPgNt2kEliWBySSSTz1xgChdeJ5pdOewsbGz062mmE06Wyu3nsPu7zIzEgckL0yeldLaeDo9fMcN3o8vhWcXBG94pmR4fKkfdtlbJKmMDIIHz9OKx5fBFxa+HtY1G9uRBNps/kpbGPJnxIiMwORgAyLzg5zRZ/fr+grrp6f1/XUqP4qlWxvLbT9M0/Tvty7LmW2WTdIuclcO7KoJ5woHQduKLbxO2no7aRpOn6fdNGYvtcPmvKqkYbb5kjKpIyMgA8nBFRXHhTWLaxnu5LaNorbH2gRXMUjwZ6b0Viyc8fMBg9atHwH4jXy92nqrTRmSGM3MQeZQu4mNd2XwD0UH060hhbeMruCOxMthYXV1p6eXaXk8bmSFR90YDBW2nkblOKpah4ivdT0u1srzy3W2nlnEuDvd5CCxY5x1HYCtTSbTTtQ8C67cS6bAl5pscBiukkl3sXkwdwLlenHCioPDmkm6sNSuX0mDVES1kKr/AGkkMlsVGTL5e7cwHpjBp3s79gXS3p/X3mbrms3HiDW7jVLxIknuCC6xAhRgAcAknt61FpeozaRq1rqFssbzWsqyosq7lJByMirWm+GtW1awkvrG2V7WKTy5Z3mSNIzjPzFiAox3PGcDOSBSyeGNWh1STT57ZIp44hM5lnjSMIcYfzC2zacgA5wScdaS91qwt0VNU1GbV9WutQuVjSa6laV1iXaoJOeBUNtMkFykstvHcopyYZSwV/Y7SD+RFaFx4Z1a11C3s5rUCW5j82FhMjRumMlxIDs2gAknOBjmrKeCteluLWGC0jnN2HNu8N1FJHLszuAdWKkjB4zn2pKyRTu9xdZ8Vtrem21nPpGnwC0iENvLCZt0SA5wN0hB/EE81oeJdfsp/BWieHraeK/msGeSS8jiZFUMTiNdwDHrycDoOtc/YaHqOp29xPY2xkjt3jSVi6rtaRtqDkjOTxx+NPHh/Uze6jaC2/f6ZG8l2nmL+7VDhjnODgntmm9rfMXW/bQzaK2gdE/4QhgR/wAT37fwcv8A8e+z/vj7341UtNE1G+0q81K0tWks7Hb9olBACbjgcE5P4Zx3oegdjv8ATfE942kaPJotxopeBIo54dTuFia2liBQSDc67laNscBsYOMHmuZuPHOpjTdQ0u3Szit7qVDvt1cGMRqiqIyzZAIjXrknvXL10PhPwtH4m1CK3m1S3sRLL5MakeZK7YJ4QEfKMcsSB6ZPFPVvQV0l6E1745utS8RR61qOl6dcXUKoIQRKqRlGLBgFkGSScnOR7VSvvEMWo6w+o3Whac0krO8yB7gLK7HO4/vcg9ehA56VlXUP2a8mg3bvKkZN2MZwcZqKpVmropprQ6e68c3Nz4jttdGl6dDqFvIsnmxibEm1doVlMhGMAdMHjrVUeLtSGlmxYROqXf2y2lYN5lpJuyfLOeAT1ByO/XmsKukvrDSdX1PQdP8AC64mubaGK7J8wgXBOHJ3dhwfl4qkn0/r+rC01b/r+rjbvxld3CXxt7CwsrnUV2Xl1bRuJJlP3h8zFVDHk7QM1oH4n66dZOpeXZ+YbT7J5Xlt5eN27fjd9/POc/hUraLYXEV7DZ+Hrs6dFbzfZtbxLmaWNWIJOfL2sVK7QMjI5zWbqHhrTtFmSx1rWXg1MoDLBDaebHblgCFkk3g5wRnarY7ZpW0/r+v+HDrbqRad4rGm6Pc6bHommyw3aIty0jXG6bYcqTiUAc/3QKitfE8tvpcumXGn2V7p7zmeO2uBJiBz12MrhwMYGCx6fWqraBqa3OnW5tv3upqj2i+Yv70M21T14yR3xVyPwXr0trJdfY447aKV4ZJ5rmKONHUhSpZmAHJAHr2zRb+v68w/r+vkOsPFj2EOpQrpOnSR6jgSqVlTagORGpR1IXjnue5NZN9cxXdx5kFjb2K7QPKt2kK59fnZjn8a1LbwxqEGstbX9taq9rOqz2lzqENu0nQ7QWcEgg8MuRzxVx9G8zx9LZroUFskMyh9Jm1REz0HliZmG4kntk80btIWyZzCOY5FdcEqQRkZH5VpeItfuvE2ty6pfxwxzyhQywIVX5QAOpJ7dzWjY+Hf7X8dvprW8emwC+EUts19HvhUvtKIzn94w6cAk+lU9e8OzaRqc8Eb280QuWhhWO8hmlOGIG5EYkHjuBzxRul/XYrZsyI2CSKzIsgUglGzhvY4IP5GugvPF32zQItHbQ9MjtYC7QeW1xuiZurAmU5P1yPap/E3gv8A4R6SyEWorepcStbzOkW0QTKRuTqc43deKh8RaBpHh/UrzTTqt9cXtq2zA09FjdsZ+95xIHPXb+FLS39f12F1Lkuv2Vp8Lh4eWeK+urm7Fz8kTKLQYGQWYDcxORxkYJ5rkK6XUfDGn6I8VnreryQanJEJHghtPNjt9wyokfeDnBBO1Wx71U0s6IPDWs/2kM6piH+zzl+u4+Z0+X7uPvfhT7v+uwJbIxa9A0DxBOvg22tdLm0w3do7RTWupTJEHQyCWOVGZlBKuCCuT1GQRXHaXomo619p/su1a4+ywmebaQNqDqeTz9ByaoUbMDq/FPi7UNShudIuE00wi685pLHeVZ8uSVZmOQWkY/y4xVHR/F2oaLbxW9vHbzQIJ1eKdSyypMqB1bBHH7tSMYOc81W0HRo9ZvhDPqFvYxBkUvIdzsWYKFRByx59gO5FN8QaT/YXiG90vzvP+yymPzdm3djvjJx+dCdtO4b/AC/4P/BNaDx5e2kdjFY6bptrDYXgvIYoonxv27cMS5Zh3yST74AA56a6NzqEl3PGjtJKZXj5Ckk5I4Ocfjn3qCijrf8Ar+tAOgv/ABWL/RINLfQ9Nit7XzPs5ja43QlzliCZTk5H8WRV22+IupW15HfJp+mtfrALeS7eFzJKgXaAfmwDjHKgE4HOMis2/XRpPDOix6WhbWGaUXwG8k/N+7GD8vT+7+NdLB4ZsodXj0f+wbnULaKQW2oazGJf3ExA3bCp2KEJH3gScHpkU3Hdf1/X+Yba/wBf11Oa0zxM2lG3mt9K05r21BEN4yP5iHnDbQ4RiM8FlPQZzim2/iBIyj3mi6bqE6uX8+4WUMxLbvmCOqtyT1B446ACqOpaVeaRqDWWow+TcKFYpvDcMARyCR0Iq9B4U1e4upbdYYI5YrhrUrPdwxbpVOCi72G8gkfdz1HqKNdxaLQsP401G7+2rrMNrq0V5Ms8kd0rALIo2hlMbKVO0BeDjFSDx1qTy3ourazubS8gS3aykjZYUjQ5RU2sGXbzj5u/OTzVjQfA8+oLq41Ipay2NpLIkTXkMbrKpAxIrHKpyfmIA6c1jQ+HNTudVXTrOGK6uSnmH7Ncxyoq9yzqxVQO+SMd6Wmn9eX9eQ9jWT4g6lDNZPBY6dCtlBPbwxRwsqhJeuQG5I7Hr3OTk1z2najdaTqMN9p8xhuYG3RuADg/Q8H6V0/hnwi1zq11aanaJdFtNuJrX7NcCVXkUfLhomIJB/hz3GRzWFqvh7U9Ghilv4Y1ildo1kinjmXcv3lJRiARnoeaL2d/63f6hZNf12Q6/wBat73e8eh6bZzNJ5hlt/O4Oc4CtIyY9tuKsP4qlWxvLbT9M0/Tvty7LmW2WTdIuclcO7KoJ5woHQduKwuta194X1bTraSa8t44/KVXli+0xtLErYwXiDF1+8OoGMj1otoHUya1dP8AEV3puganpEEdu1vqWzzmePLrsORtOf559sVcl8CeI4VbzdOCssZlEZuI/MkQKGLIm7c4AI5UHuOoNVtP8KazqdrFcWdqrJOWEAknjjecr97y0Zgz4/2QeeOtHdB5mPWz4e8RN4cvY72202yubuJ98U1wZcx8YwArqp/EGobDw7qmowTz29uqQW7bJZrmZII0b+6XkKjd7ZzWvD4dRPBeqzXNmx1W21CG3j2sScMDwADhs8YPOe3Wi9lf+txO17P+tCLRdXtZPGtnq05stFjt5Vnk8uOaVZCGycKS53HPqF47VQ8UavDr3inUNTtrf7PFczF0jOMgdMnHc9T7k08aR/YXiiys/FMSxQiWN7qIShysRb5g3lklTjPHDdOORVXV1s5fEF4miITZNcMLVRuJKbvl+9z0x15otsl5/oPu3/W5QrY8J6nb6P4qsry9yLZWZJiBkqjqUY49gxNVdX0a/wBB1J7DVrc29zGAWQsG4IyOQSDVOKMzTJGpUM7BQXYKBn1J4A9zRowZ6NqXirWdMtppJJPDd0scqCOaCcSS3DCMxebsSQ7cx8HcFAzwA1cYfEN2fFn/AAkISIXf2v7XsAOzfu3YxnOPx6Ve13wpFo/h2y1SDVYr8XM8kDCCMiNWTqVcnLD3wPbI5rnKFJ8176oN15P/AIJ09t46vbf+zJJNO025utLRYra6nidnVFbIUjcFOOgO3I6gg81R1PxRe6rpX9n3EUCxfbJb3dGrBt8nUck8enf3rGra8OHRA+pf8JCMr9gl+ycv/wAfHGz7n49ePWh67/11/QFuv68hPDviNvDd6l7babZXN3GxaKa4MpKZGCAFdVPBPUGn2/ih7SW7W30uwSzvYxHcWJ81opMHIbJkLhgehDDFWtD0WI6L/aU+nS6rdXM7W1jp6B/3pVdzyNsIYqoI4Ujk9cCl1Xw3NdapaxaTpctlNJY/abq0ncotqVZ1clpD8qfIG+c/xAZPFOzFdFO48UT3U9r5thYmytImihsPLbyUVvvdW37ied27dnvVuLx1f2tobOwsrG0svImh+zRrIVzKMM+WcsWxgDJwMdKzh4a1Z9Uh0+G1FxcTrvi+zypKjLkgtvUlcAg5OcDBzjFTf8IdrjXFnDFaJOb5ilvJBcRSxyMM5XzFYqDweCc0n2Y9nfsUtN1i70lbn7E4RrhEUvzlCsiSKw99yDrnjNad34yuriO+MFhYWVzqK7Ly6to3Ekyn7w+ZiqhjydoGaq3/AIW1jTbFry8tAsKOscm2ZHaFiMhXVSWQ+zAelLceFNYtrGe7kto2itsfaBFcxSPBnpvRWLJzx8wGD1obutegJWehFruu3PiC9iub1IkeK3S3URAgFUGAeSeasjxO8un2tpqml2OpizQx28tz5qukf9zMbplQc4znGTW34s8CXdvrMp0PTwlktskyRm4Xe4EStIyIzb3AJOSAR1HasKx8Ja3qNtDPa2a7bjd5CyTxxvPtGT5aMwZ/+Ag0dw0SVu3+RBea7cXmj2WmNDDHb2UsssWwNnMhBIJJOQMDHf61p3fjm91Ge/Op2FjeQX0yzvbSrIEjkVQodCrhlOBg/NzVS18H65d2cd3HZrHbyO0ayzzxwrvVgpUl2GGycAHk84zg0yLwrrMtxewm0EDWDBLlrmZIUiYnABd2C5PbnntR5f10/wCAH9f1+Jo2fxA1Kz1ibUhZ2Msz24tYQ0bqLWIZASLYyleDjOc+/Wq2n+K10rWrfVNP0HS4p4A21W8+RSxxhiHlPIwcEEdT7Yjn8Ha5bay+lzWiLdxwfaJV+0xFYo8Z3O4bagx/eI6j1GYB4a1Z9Uh0+G1FxcTrvi+zypKjLkgtvUlcAg5OcDBzjFPXf+v63DoN1bWY9WZpDpdpbXEkhkkuIpJ3eQnOc+ZIw5Jz0zx1rMrb/wCEO1xrizhitEnN8xS3kguIpY5GGcr5isVB4PBOajv/AAtrGm2LXl5aBYUdY5NsyO0LEZCuqksh9mA9KQ7tsbf+IrvUfD+m6RPHbrb6bv8AJZI8O285O45/kB75rKrYuPCmsW1jPdyW0bRW2PtAiuYpHgz03orFk54+YDB604HRP+EIYEf8T37fwcv/AMe+z/vj7340d2C6In0vxadJ0u5sINE02SO8iEVy8hnLTAHIziUAc/3QK0fBniKw8O/2zqN00GLq2kt49LSJ2LliCPmYEBByOWJIHQ1zlpomo32lXmpWlq0lnY7ftEoIATccDgnJ/DOO9UKH1QgorofCfhaPxNqEVvNqlvYiWXyY1I8yV2wTwgI+UY5YkD0yeKr6NDaweKorG/s4tQge5FsyyM6YBcAspRhg49cjnoaaWqQr6N9jX8Ba3/Zh1C3iube1u5hFPayXRAiaSJifLYkgAMrMMkge4pfEXiG+EOnW95b6E4h2MIbN/PUJGXCRuQ7LjEj9Du5yTnBrJvbWx0Dxtc2d5btf2FnePE8TOVaRAxH3lxg45+vtTfFOgjQNYENvKbiyuIlubScjBkicZUn36g+4qb3Sa6/1/XoVazcWOuvFF3La2drYW9tplvZz/aYorQP/AK3++WdmYngDrjFT3fjK7uEvjb2FhZXOorsvLq2jcSTKfvD5mKqGPJ2gZrnaKYjrk+ImoJqi6odM0t9S8oRSXjwuXlXZs5G/apx3UKeMdMg07bxldwR2JlsLC6utPTy7S8njcyQqPujAYK208jcpxXO0UASXE8t1cy3Fw5kllcu7nqzE5J/Oo6KKACiiigAooooAKKKKACiiigArp9Wu7eT4c+HraOeJ54bi6MkSuCyAsuCR1Ge1Z02sWMsEkaeHNMhZlKiRJLkshI6jMxGR7gj2rJoGtHf+trHp3hrUtO0Tw3BoN9raLcawsjrcwSRumlbl2jLc7S/RuRgenWqN7otzefD3QLKO9sIkhvrtZJZr6KOI4dRvUsw3gcnK54PvXn9aNzrVxdaDY6TIkQgsXkeNlB3EuQTk5x244FD3v/Wgo6W+f4o7A6jouqfEzUvEVxcRNp+nos8SSuEa7kjRVRVUkE5Zd3Tp161w2oX0+p6jcX14++e4kaSRvUk5/Kq9FHYB0YDSKpcICQCx6L78VseLbYWniS4iGuDXsKh+3hy3mfKOM5bp06np+FYtWtN0271fUobDTovOuZ22xx7gu44z1JA7UbhsV40MkiopUFiACzBRz6k8D6mu61iy/wCLY6VYrfaY91ZXE808MepW7MqnkYAf5ifQZPtXCMpRircEHBqS4tLi0MYuoJYTLGJEEiFd6Howz1B9aHqv69Q1T/r0NuHwss/gG48SR6gha3uhbyWhjIIBxghs89emOmee1c/V+61q/vNMt9OmmUWdsd0cEcaxruxjcQoG5sfxNk+9UKOodAr1Xw9NYp8PrCG6u7e1ee3ljDzyBAU+1qZgCep8sLx1I6A15VWvYeIZLTSW0y6sbTUbPzfOSK6DjynxglWRlYZGMjOOBxTWjuLc9E8UeJItOsLi+03VLK5vhqqyrFFOsm6IPOQDtPKlXXI7ZweaxtOv9J8TxWb+Jri38/z9QnFvJP5MbyFITGjNnKIcMAcj7uM1wl7dfbb2W48mGDzGyIoE2Ig9APT9agoT0fpb8v8AIGlp63/Fv9T1rSNQ03T7Hw9BPcaNZSQ64JpoLO9MiQoYvvMzuw/FWK9uuRXnOo3c8ut6nFaXbeTe3TbwJtsco8wlSxzgjODk8DrWXRSesr/10/yC1v69f8zudXs/L8CeH4PtWmTTabJcyXMCalbuwVnBAADndkA8Lk1rfbLJfid/wmR1ay/srb9oAFynn/6vZ5Xkg792eOmMc5rzCige+jO+m1O0bXvATfboTDZ29sJz5w2wMJiW3c/KcYzmuR1+VJvEupywuskb3crI6nIYFzgg9xWfWtDrFjFBHG/hzTJmVQDJJJchnPqdswGT7AD2oev4/iH/AAPwNnw/rEemfD3XESWz+1yXVuY4LmOOXeBuyRG4IOPXHFT+F9btrnT/ABBZ6hHpou9QihMEdwotbeTy2LFCYigQkcjkAkcnmuPu547m6eWG1itEbGIYS5VeMcb2ZvfknrUNHVvv/lb9AWi/rvc6rWjqGqQ6bpH2fRLOGzWV4FtdTjZAHYFt0jzMAcjgEg8mrfxAsv7S8ZyXVheadPBciKOORNRgIysSg7vn+UZUjLYH5iuKooA9D1m2Emp+EZYLzT51sra0tp1gv4ZGWQScjarknqOQCKsaqy6J4o8Zalqd5asLyK5tLeCO6SWWRpGwuUViUCgZO7GOB1rzq0uXsr6C6iCl4JFkUMOCQcjP5VLqmoy6vq11qNyqLNdStK6xghQWOTjJPFHW/r+I1tr5fhc9G1TXlbxMviTw5aeH7jdCrRzXWoGKaPEexkaJp1GRggYXBGMZoOsW+pw6Ld6df6dpy/ZoodWuZbpUuY1iAzGiE7irAZ+QEsTg8DFeXUU7/wCf5/5k2T39D1C/8TXWvaZbN4X1yLSZY9RupLiOe8S1cpLMZEcliN6gEgqCeexri/Gl7Yaj4x1C70nabWV1KsibA52gM2O2WBP41h0Unq7jL2ixCfXbKI3403dOg+2EkeRz9/IIxjr1H1HWjW4hBrt7EL8altncfbASfP5+/nJznr1P1NUaKAJba3e7uUgiaNXc4BllWNR9WYgD8TXZ+NrdZfDvh4wXunznT9PWG5SG/hkZH3dAquS3XqARXD0UPUNnc6DUvCy2PgvS/EMWoJcLfSPE8AjKmJlzxnPzdPQdutc/V/U9av8AVxAt/MGjtk2QxRxrHHGCcnaiAKMnqcc1Qo6sOiCvatKvNMt9P0Jbu+tLQrHp80vnzLGXiSNyMZ6gTdcdOpwOa8VrctvE8kenWlnf6ZYanHZMTbNdrJujBOSvyOu5c84bPU0Ctr952Wt+Kn0Cx0a50q/sr29R5ftUSyLKmTDEp3BTz8ynB6ErxkVStToutadbzajNaXepW+kAQW15eeRHJKbmbfvcMuGAIYKWGQ2a4CRzLKzsFBZiSFUKBn0A4A9qbTvdO47LS3T/ADuewWOraXZ3Ph9Gv9KtzbadfxyLa3ZaOF2PyrudicntyQf4SRivKbU3d0q6bDcbYZJPM8qW4EcW8AjcSxCg4yMn1xVWilvK/wDW7f6itbb+tEv0PRtTmg0/VvCOqSXNhdW+lWltHdpBfQyurK5JARWJbGQcgEe9QL9n0bU/E+q3OrWNxb6haXMNqLa5SSS4abJXKKSyAdTuAwRiuAoo/wCD+O4/+B+B6cdYsG+M1vetqNubNLIIJzOvlqfspGN2cD5jjHrWf4avL6O3s7LWdQ0a+8Nn95LDfXUTtApX5tiEiZXAyAFH3uRkHJ4Ginf+vm3+odjvNaj0/wASaLpVt4evrK2g06e4hMN7dJAyxvLuST5yNwK4zjJBHSr+pP4d8QX2s6pavYajf/aIIYY9SvDaxmJYlVpR86FiWU8buBg49fNKKQrHrOqaxphh1dYdSsDv8MwW6eRcEq0gY5Rd53E47H5sda5TwJrcVpqFxZapcqLe4sZ7W2F1I4gikk29dpBRW24LDH171yNFH2m+/wDm/wDMLW2/rb/I7WbUtSsbbT7C0j0HSIl1BbuKa0vxcbJgu0M372XC465GOKf4h/sy60V9QvotL07X5LwFP7LvBNHKhxuZlRnEeDzwQSc8Vw9FGv8AXy/yGegazJY6po+p3vicaQNVVEFpfaZeq73bjj54kYgZAyWKpjge1ef0+F1jnR3iWZVYExuSFcA9Dgg4PsQfetb+29P/AOhX0n/v7d//AB+lYOhjVueGbUXR1Pdr66N5djI3zOV+1dP3PBGc+nP0NYdFMArX8M2b3GvWkwmtYo7e4jkka5uo4QFDAnG9hnp0GayKKadncTV1Y6nx5DHL44vbxLu0ltL25Zo5re5jmwvHJCMSvXocZqp4x8Mf8Inr39nC9S9RoUmSZU2ZDeoycdPXpisizvJbC8jubcRmSM5XzYlkXP8AusCD+Ipb+/utTv5r3UJ3uLmZt0kjnJY/54x2qUrRSXQpu7bZXrU8M7P+Et0jzcbPt0O7Pp5gzWXSqxVgykgg5BB6VS0ZLV1Y9slv9OSaT/ibWFvJHEImjkuUR0k+2l7nKk5zhQf9r+HNch4l8XS2WqXWm6bdQXOnXENoHkjbfs2RoGCEHAzjDD2xXPaj4pfVFnku9K01r64jCS33lv5jdMtt37AxxywUHk1hUotxsuw2ldv+un+R6TqFtoFxcXmpWTaRe3k2r3T3Mmoag0SwRiQlGjWN1aQEc5XcewFWPGGr6dc6X4wS11C1la51C1eFY51bzVCDJXB+YA15dRRLVW/rp/kJK1v67/5m94b+1X/iLTZrm9h8mwmh+a8vUjEcSvnC+YwyBycL69Oas+J9KlvfGmoSWt1p0kd3czTQyDUrfaU3ZyW34U8jg4J9OK5iiga0Vj1K+1Cy0/4tJrct9YyafPGLdbmC7imMTGDZuKKxYAHvisrQVg8MaZfW+palYPJf3lokKWt2kw2xTq7SMUJCrjpuweTxxXBUU02nf+u4pRUlZnoH9qWb+LvHU730DR3VldJbyGYYmJddoU5+bgcAdhVfxXYnW49Dn0290yRIdGtoZA+pW8bI6g5Uqzg5GR2rh6KX2VHtb8L/AOZTd5N9/wDgf5HoVw1trWs+G9attUsLW0sbW3juFluUjktjCcsBGSGfPVdoOc4pfE9za+NrWyk0i+sbb7PeXQlhvLmO3KiWYusg3kbhg84yQR0rzyim3f77/MhK35HqviCdfE3hfXJdHuoXhk1a2US3FwlusoS2Ck5kZRyVzjrTTrukS2l5oKzWF3cJpNpaJJdTNHbXEkLM7oJQy4HzYUlgpKjnBGfPU1q4Tw3LogSL7NLcrdFyDv3BSoGc4xg+lZ1Lv/XSxWiSt0/zudtJDJruoaLoeqPomj6baGVxJa6gkiojEF8u0r/MSOASOvp0zfGTXN1qAun+xRWUYFvZ29tfQTmGJfugiN2PqST3Jrm6KACtzVLUReFdHmGvremTzf8AiXByfsXzemeN3XoM+/WsOijpYOoV3fhG0EHhHxFHPe6bDJqNnGtskmowKzkPkggvleP72K4Sih6poOqZ0fhbwl/wkmpahYNqMNpPaW7ypwJVlKnBAZTjH+0M8cjNc5V+01q/sdNubGzmWGC6G2YpGod14+Uvjdt4+7nHtVCjqAV6F8Lp7O2i1GbUZI44I7qyZ3kOFUeY2CT2G/Zz/SvPa0dH1q40W4meCOKeK4iaGe3nUtHKh7HBB6gEEEEEdaBNXVj1IahYQaSBLrentLHpkowl3GzNcMtwZMYPXdIuD/FnjPWuStfFP/CQWd9b+JLpLeIWVvbB4xhmVbqIu+CTucrljjrt6cVy2o6jHfmEQ6fZ2EcSkBLVW+Yk5JZnZmJ+pwO1UqqMrSu1/Wv+bCSTTXfX8v8AI9SA0XSIvFEVkdDtbWXTpobN4NSaae6Hy4yPMKgn02q2egIBrnvHerg+JtPvNH1DLwadbos9rNzGwTkBlPBGelcdRUNXt5f8H/Mdle/9dP8AI7bw3YlPBHiCCS802KbUYrf7NHJqVujPtk3NkF8rgf3sUngey+ySaxLdXmnQLPptzaR+ZqMClpTgAYL5wSOG6e9cVRTGna3rc61pEsPhnqGmS3dv9rOrRMYYblJN6eUeRtJDLnHIyM+9b1wvh/VTDJcT2N5eWvh+0S1tri9EMLyjIdXcMuGUY+XcOteaUUbpr+trC7f11uepzp4d1CLw9Y6pdaXi0s7wi1tr1hB528FI2lZiyg887sEj5Tgiqd3rUWg+EdKexfSoL+z1n7SbPTrtpgq+X3LO+c9CVJXnHXIrzirOn3cdldrPNY298qjiK537M+vyMpP54p31/rvcTSt/Xax6H4tubDw3d6daWMv+jahqC61cYXlYyR5afgN5x9KdKtjbav401OTWdMZNSs7lbOOK7R2m3srdAflPQbTgk5wODXnurarda1qk1/fuHnmPO0YVQBgKB2AAAA9qp1K2+/8AFW/Iq/6fq/zbCtzSrUS+F9ZnOvrYmPyv+JcXIN783pkZ29ehx7daw6KfQXUK634cwrD4x0/U7m6sra0tpj5r3F5FER8p5CswY9ewNclRTTs7iaurG9JowuvGken3N7bQx31zgXEEyXCoruQCdjEZ9iQfXFVPEeit4d8R3ukvOtwbWTZ5qjAYYBBx2OD0qDS9Vu9GvRd6e8cc6jCu8KSFPddwODx1HIqtLLJPM8s7tJJIxZ3c5ZieSST1NSlZJIpu7bYyuk+H3/I82OPvbZtn+95T7f1xXN1NZ3c+n3sN3ZyGKeBxJG69VYHINDV1YR65e6vpkGlXVzYapp7IscBhgFym7yY7RwqbDznzWI29RnJAHNUYZtN1D4itrbXeiXGg6kfOuEv2t/NhIQjYUl+dSGH8HBGOTXBanr6alHOF0bTbSW4kEks9vHJvY8nA3OwQEnJ2gflxWRVNtv8Ary/yQrJbdrfd/wAOz0mzNjqOoeDNSOr6fbW2mQQx3Xn3KrJG6Sk48vO45yPmxgDJJAFUvFupWdz4MFvbXkEsn9u3cxjjlDNsJO18A9D2NcHRSl7yt/W6f6B28v8AKxciuri81eCe8nknlaRAZJXLMQMAcn0AA/Cu01y1ab40Xc/nWsMVtqEUsrXN1HCAoKkkb2G7p0GTXKaRrg0ho3/suwvJIZRNDJcq+6Nhj+467hwOGyPzOaN7e3Go3015eytNcTuZJJG6sx60+qfa/wCNv8gto/67nValJFpnxTTV57m1lsn1b7Ssttcxz/uxLuyQjEjjscGr1rplpZ/EmXWNS1HTJdMhupr1Xh1CFzLtJdFChi2SdowRXAUUldJJdP8Agf5FS95u/U7xPEOi6p4b1W2aGe0uBfRalCbu8WXfI0ipJtwifwtnHPAJ7VW8deJXuPGOpLZnTri089WjmitIGZwMHiYLuPI67vauMoo2aa6f8D/Invf+v6udt4wtLfxL4gk1/SdT08Wl8iySJcXccUtswUKytGTuOMfwhs9s1xNFFJK2iKNzwzai6Op7tfXRvLsZG+Zyv2rp+54Izn05+hrDoopiNfwzZvca9aTCa1ijt7iOSRrm6jhAUMCcb2GenQZrS8eQxy+OL28S7tJbS9uWaOa3uY5sLxyQjEr16HGa5ap7O8lsLyO5txGZIzlfNiWRc/7rAg/iKNLpvp/X6C1s7df6/U1/GPhj/hE9e/s4XqXqNCkyTKmzIb1GTjp69MVg1Yv7+61O/mvdQne4uZm3SSOclj/njHaq9JX6jNTwzs/4S3SPNxs+3Q7s+nmDNesy3+nJNJ/xNrC3kjiETRyXKI6SfbS9zlSc5woP+1/DmvE1YqwZSQQcgg9K3NR8UvqizyXelaa19cRhJb7y38xumW279gY45YKDyab6NeYJK+vl+Z6Lb6t4euLTTbW71C08zW7KBbyVplxbvboCnmH+HLAjmsS7h0C8a51WzOk3d7carcyXL6jfvCLePeShREdWcEHOV3HPAFecUVXM+bmEkrWPTbvU9OuviR4sRNRtFi1PTpLe2uWmAhZyiEDf0A+UjJPWsTw5FFY22u6HfX1laXepWai3uRdxyRZV9xjaRGKruAxyewz1FcbRUW0S8rfn/mVfW/nc7TwnEnh7VL832o2McsukXQTybxH2sVwo3qSu4noASfYcVRe7tz8KorQTxfaRrLSGHeN4TyQN23rjPGa5mrNjdQ2k5kuLC3vlK4Edw0gUH1+RlOfxxz0p9H/WzuJaf15WIIiRMhD+Wdw+c5+X345rvtZksdU0fU73xONIGqqiC0vtMvVd7txx88SMQMgZLFUxwPauSu9Vs7m1eKHQdPtHbGJoZLgsvOeN8rL7cg9azKHqrAtHc9a1QrpPxQj8Qale2sdlZWUbCM3SNM/7gKEWINv5Zu4Axk5rMl1SC9s/D1/o9rodzcafaRQML+/a2lgljOchTNGrKScggHvn0ridc1q41/VWv7xIklZEQiIELhVCjqT2FZ1O/wDX3/5hpZeiX5f5HdahcjxV4TSGO8sLXUrbUri4ubWS5SFJvNbIdGdtrYwV+8Tj9bvg7X7DwjoGpC8ltbyRNRhGyGUF9u1g0kWepUng4I9+Qa84opf8D8Lf5Cavbyv+N/8AM1vEthFp+uzLa6lHqkE376K6SUOzq3Pz9w/qDg5+tZcYDSKpcICQCx6L78U2iiPu2G9Ta8W2wtPElxENcGvYVD9vDlvM+UcZy3Tp1PT8Kx40MkiopUFiACzBRz6k8D6mm0UIGd5rFl/xbHSrFb7THurK4nmnhj1K3ZlU8jAD/MT6DJ9qw4fCyz+AbjxJHqCFre6FvJaGMggHGCGzz16Y6Z57Vz9X7rWr+80y306aZRZ2x3RwRxrGu7GNxCgbmx/E2T70d2HZf11KFFFFAHqvh6axT4fWEN1d29q89vLGHnkCAp9rUzAE9T5YXjqR0BqrrGrzr42u59Kv9GvFntpUlt7u5jMFxE1xIVTfuC5ClG+8COnXIri7DxDJaaS2mXVjaajZ+b5yRXQceU+MEqyMrDIxkZxwOKz726+23stx5MMHmNkRQJsRB6Aen60baev49BW0+dz0OGTw5Y3dzY6fLaafdaroz28wW6863t5yQQomORhgOTuIU8Zp/hC8s/D0ejadqep2QnfV/tr+XdJJHBGIXTLSKSgJJ6ZzgDNeZUUdb/1vcHFNW/rax2Wg3enyeGfEdvqt8sIu7yzLHeDIyeaxdlHVsA54zXQAaLpEXiiKyOh2trLp00Nm8GpNNPdD5cZHmFQT6bVbPQEA15bRR0+VvwsU3eXMenHWLBvjNb3rajbmzSyCCczr5an7KRjdnA+Y4x61TuGtta1nw3rVtqlha2lja28dwstykclsYTlgIyQz56rtBznFee0U76p9v+D/AJktX08rfl/kdz4y1qz1Xw9YNZXKMJNVvrloA43IryAoWXqOCcZ966nXmsNXsPEbAR6haTavCY3TUIrRARAPmSdwUc9QU5I6147WzY+JJrTRG0i6sbTUbHz/ALQkVz5g8uTGCVaN1PI7EkcUactv66f5FX2+f6/5nU3Wp69F4tuLmaDSbYXOnpHFYXt1G9vcWn3VUS7grYxnO5SSDj0qxDJ4csbu5sdPltNPutV0Z7eYLdedb285IIUTHIwwHJ3EKeM1w2ta3c67dQy3McMKW8C28EECbUijXOFGSSeSTkknnrWdUvX8fxv/AJ/eT/X5f5fcem+ELyz8PR6Np2p6nZCd9X+2v5d0kkcEYhdMtIpKAknpnOAM1iaDd6fJ4Z8R2+q3ywi7vLMsd4MjJ5rF2UdWwDnjNcbRVX7/ANbf5DVkml/W/wDmepAaLpEXiiKyOh2trLp00Nm8GpNNPdD5cZHmFQT6bVbPQEA15bRRSA3NKtRL4X1mc6+tiY/K/wCJcXIN783pkZ29ehx7daw6KKHuHQ634cwrD4x0/U7m6sra0tpj5r3F5FER8p5CswY9ewNZ1xp8ieMooDcQf6TdhkltriOcKGkwDlCRnvg81h1e0fUxpGpR3osra8kiIaNbnftVgQQ2FZcnjocj2pq3Mn2/r9CWrxa7/wBfqa3jy4SXxjqES28aSW9w8clwM77lgcb3A+UMcZ+VVHPSrPjr/Rrfw9psuPtVnpcYuB3QsS4Q+4BH51hw61cJ4h/tm5jhvLkzGdluEyjuTnJAI7nOOlVb29udSvpry+mae4ncvJI3ViahK0Uv6/rU0bXO2v61/wCAQUUUVRIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQB1d54N+y2M9x9l8TL5UbPmfQfLjGBn5m847R6nBxUw8D5TP2TxV0z/AMi9x/6OrjqKAOrsvBv2uxguPsviZvNjV8waD5kZyM/K3nDcPQ4Ga5q7g+zXs8GJV8qRkxNH5bjBx8y5O0+oycGoaKOoHbWlpDefCONLjULawVdbch7hZCGPkrwPLRjn6itLXdJkubzRBbWFvrEVr4cgYySTtBbqPMcb2ZihxjOASpz9CDw51m4bw2uiFIvsy3Zuw+Dv3lNuM5xjA9K1o/HWoC0FpPZ2VzZmwisHt5UfbIkbFkYlWDBgWPIIHtVSd22vL8rCtt/XU3bjw54dg1bwzc6mIdPs9Sik+0ww3fm24kQ7RiUM5CM2MncdvPI6ix4e0ibT/iB4cnk0a1sYpp5PLubC6ae3uFCkAqS74Iwf4uhHAxzyl54vnvlsIrjTNMNtYJLHFbLARGUc5IPzZyOzAhu5JOTUtv44vrG505tPsrG0t9OlaaG1jVzG0jAgsxZy5ODj72OBS66d/wBf8v66g1dNeX6Gi0Oh33h/WdUtNEiibSbmAIJZ5WNyjllIlw45yN2U2+nSpfH2o2v/ABKIv7Gsd8ui2xSXfPuhBU4C/vMEDtuBPrmuWt9cubbR9S01EiMOovG8rEHcpRiRt5wOTzkGrN34mk1DS7a01DTbG5ltLf7NBeMJFlRBnaPlcKcZ4yp/Gl0t6flZ/iXJpybX9anU6B4Shvp4tN1jQrWx+0WTSR3B1EfbA+zcHMJk5UkH5fL4B68E1a0Pwlpwg8Oy3Ogf2jp1/A8+oalLLLGtvjORlWVUCgZywO7Jwa59PiJqCaouqHTNLfUvKEUl48Ll5V2bORv2qcd1CnjHTIO7L/ZWqL4cDJouoWcVjDDdXWoaj5E8OGO9PLWVD8o4HyMTxy1V5/11/wCB2I6W8v8AL/g9zL0bSdI1PT7s6Va6dqGrNqBSGwvLqSBfIOdvlDzFLEnrlyQAOOcnktTt2tNVuYHtZLMxysPs8rbmi5+6TgZx645rWfWdP03VLhNP0mw1CzhvJHsprpZQ4j3fLna67hgA4cHv9KydS1G61fUp7+/k825uH3yPtAyfoOBUa6f12/pld/67l7QND/tozjytVk8rb/yDtO+1Yzn73zrt6cdc8+lab+Ddt/Fb/ZfEv7yN3w2hYkO0qPlTzuR83JyMfL1zxylFUI6u48G+RNbJ9l8SjzpNmJNC2MflZvkHnHc3HTjjJzxgw6v4U/szS5bv7P4gTy8fNe6N5EQyQOX81sdeOOTgVzVFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOg1jQdK0a4uLCXWpJdSt1IkSOz/cCQdUEm/cT2zsxn0HIiXwdrr2vnLY8mH7QIDNGJzHn7/k7vMx77enPStDxDpEP9v3mr2Wpabd6bLK13G32tBIwY7ghiz5gbnbjbgd8DJHSfbLJfid/wAJkdWsv7K2/aABcp5/+r2eV5IO/dnjpjHOaSvypvf8v6/TzB72X/D/ANfqcC2gamtzp1ubb97qao9ovmL+9DNtU9eMkd8Vdj8Fa9JD532NI4fNeHzZbmKNPMRtpXczAZzwB35xnBrq7M2Oo6h4M1I6vp9tbaZBDHdefcqskbpKTjy87jnI+bGAMkkAVn+MtStbnw9YQWt7DMV1W+leOOUNgNINrEA9CM4NWknJLzf5qwLXbt+jf5lTRPAlxeHWI9UMdrPYWkrpEb2GNxKpAAdWOQnJ+Y4HTnmsWLw5qU+otZW6W88qRGZ3hu4nijQdWaQMUUD3I6j1Fdzdalp118R/FkaajaLHqenSW9tctMohZyiEAv0H3SMk4zWV4Za30vTde0XUTpcl3fwxPbia9UwSbGLFGlikAUntlgMgZ68ytUn5fjqH+f8AkYS+DtdfUorCKwMtxNAbiIRSo6yxgZLI4Yq34E1DqfhvVdItVuL63QQmYwF4p45QkgGSjbGO1sdjg9fSu58P621prlha6mNG0yzs7G8Fv9jv1lUGRckFzK+CSOBkdTXnlnfy27QxPLKbRLhZ2gDnYzD+Lb0zjIz70Kzlb+t2Td2bt/Vka/ibS7HQLaz0oRF9XCCe+mZj+6LqCsIGccAgk8kk9e1P1XT7LSvBujyizjmvNUSSZ7p5HzEFfaqooIXoDksD17VJ8QUMXj+9umVZ7e6ZLqBjnZNE6gjBBBI7cHsak8ZjzdF8NXiHyoZ7JhHaL/q7fa5BCE/MQTz8xY57njE3fKm9Lv8AR6f12L628v8AIzAdE/4QhgR/xPft/By//Hvs/wC+PvfjWxonw21XV7XTppIry1F7cNGS1kxWKIIGEpORwc4A4zjg1xtep6HrPhuy0vRHTzI5LO0v7gRvqMWVdgV2N+7BLMB8vQjjhqt7N/1ov1sLqkcr4a8Eya9Nex3d4dNa2lW2RZoCTJO27EeCRtPynPUj0rN07wtrOrW1zcWNnvhtX2XEjypGsRwT8xYjAwDyeBXSnWtD0Lw7olvBDcXM32ptUIttQQGB92I0c+WwLBVGRhep45q74h1LR5PDnipdLu4At/fWl1FCJRubcgdwBnJ2sxB9CMUpaJtf1ql/n9wr6pd/+D/wDjj4T1oal9hNmPN+z/at/nR+V5OM+Z5u7Zs/2t2M8dai/wCEd1Q6pb6dFbCe5uhuhFvKkqyDJBIdSVwMHJzgYOcYrR8Mavqkd5L5N3ZTgWn2Y2mrTgRTQ5/1YLkAAE7gNy98Z5B6iwufDGkeIBHbfYrWXUNIktriL7U81rBcPjA85TnaQOSGO3PXg0/6/P8A4HzGtf69Djv+EP1trqygitI52vmZbZ4LmKWORh1AdWK5GOhNR3/hbWNNsWvLy0Cwo6xybZkdoWIyFdVJZD7MB6V2nh3V30zW9GsryDQdM0xdQN0z2morNh/KZcsTO+0YPsM4rG0G70+Twz4jt9VvlhF3eWZY7wZGTzWLso6tgHPGaEr7f1qv8w6N/wBdf8jFuPCmsW1jPdyW0bRW2PtAiuYpHgz03orFk54+YDB61oz2mnXXw1/tWLTYLW9i1JLUywySnenlFiSGdhkn0ArqQNF0iLxRFZHQ7W1l06aGzeDUmmnuh8uMjzCoJ9NqtnoCAaxY9NYfDGXTje6X9sbU1uhF/altny/KIz/rPXjHX2qXt935jW6v5/l/mYOlnRB4a1n+0hnVMQ/2ecv13HzOny/dx978KqaXomo619p/su1a4+ywmebaQNqDqeTz9ByaoVueGbUXR1Pdr66N5djI3zOV+1dP3PBGc+nP0NVvd/1sHZGHWpoOjR6zfCGfULexiDIpeQ7nYswUKiDljz7AdyKy61/DNm9xr1pMJrWKO3uI5JGubqOEBQwJxvYZ6dBmnHfUiV1F2F1Wwj8M+K7qwnji1NLOVoyJg6LLx1IRgw9eGqz4u0uz0DxlLbWsJezXyplgkcn5XRXKbhg45Iz1x3zzUvxAjVvGWoX0FxaXFtdzu8L211HNkcckIxK9e+Ks/EJlg1iHT3iSae2tYA184IllBjBCkLhMAEAfLuwBljWcW+VN7mjS5mlt/wAFFDxVotrY/YtU0jd/ZWqRmW3VzloWBw8RPfaeM9xiufrrde/0T4ceG7KfH2mWSe7VD95ImIC/g20muSqtm1/X9LYnon/X9PcKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA1L7w7qOmWMN3fJbxRzxJLGpu4jIyPyreWG34P0qtZ6XeX9vd3FrCXhs4/NnkLBVjXOBySOSeg6nsKKKJaSku1/wABrXl87DrXR7690y91C1g32tgENxJvUbNxwvBOTk+mapUUU5K0ren5Bb3b+f8AkFFFFIQUUUUAb0t1rGq+DUWaCOew0mYKt0xHmxB+kec5K5GcYOPXHFVZdeluPD8Gk3VrbTJalvs1wwYSwhmDMoIYAgnP3gcZOKKKX2mvT8k/1BbJ/wBbmXRRRTAljtLiW2luYoJXghKiWVUJWPdwNx6DPbNRUUUPcAooooAKu6jo99pK2p1CDyReQLcwfOrb426NwTj6Hmiin9m/n+j/AMhpXv6fqilRRRSEFFFFAFu00u9v7W7ubOAzR2aCSfaRlFJxu29SPUgcd8VUooo6gTWk8dtdJLNaw3aLnMMxcI3HfYyn34NXNT1u51jXn1XUEhlld1YxbSI9q4ATAOduAB1zjvnmiincCfXJNX1dV8Q6pGFgupDDAQQqgIPuRpnOxRgZAx75qnc6PfWek2epXEGy0vi4t5N6nfsOG4ByMH1AoootZP1X4oqKvb5/hf8AyKVFFFIkKvaPo1/r2pJYaTB9ounBKx71XIAyeWIHSiimlf8AEmTsg07SLvVb02ln5Hn5wEmuY4txzjALsATnsOar3lnPp99PZ3aeXPBI0ciZB2sDgjI4PNFFT28zSSs5LsyTTdNu9X1KGw06Lzrmdtsce4LuOM9SQO1V9jCTyzgNnbyQMH60UVS1aRPRvtb9f8jQ1PQNQ0i1trm9jh8i6LCGWC5jmV9uN3KMRxkVm0UVKG1ogq3Jpd5FpMOpyQ4s55Gijk3D5mXGRjOR1Haiim9E3/W6J+0l/WzZUqaztJ7++gs7RPMnuJFjjTIG5icAZPA5NFFXCPNJJg3ZXFvbK406/nsryPy7i3kMcibgdrA4IyODUFFFZxd0mXNcsmkFFFFMkKty6Xew6VBqUkB+x3DtHHMCCNy9VOPunvg4yORRRR0DqVKKKKACreo6Ve6Tcpb6hAYJnjWQRswLBWGRkA/Kcdjg+1FFVFXkl3Yd/wCuw7V9IvtC1KSw1WDyLqMAtHvVsZAI5UkdCKpUUVCd0VJW/D8gooopkhRRRQBbj0u8l0mbU44c2cEixSSbh8rNnAxnPY9qZYWNxqeoQWVjH5txcOI403AbmPQZPAooqoq8+X0/JEttQ5vX8GxL2yuNOv57K8j8u4t5DHIm4HawOCMjg1BRRURd0maTXLJpBRRRTJCrtro99e6Ze6hawb7WwCG4k3qNm44XgnJyfTNFFO3ut9v8xxV5Jd2UqKKKQgooooAfDC9xcRwxYLyMEXcwUZJwOTwPqalv7C60y/msr+FoLmBikkb9VP8AX696KKH0+f6B3/ruV6KKKALem6XeavdNb6fCZZFjaV/mCqiKMlmYkAAepNO0zR77WGuRp0HnG1ga5m+dV2xr1bkjPXoOaKKff0b/AD/yKirtLzt+RSq7pmlXWsXQtrHyDMcbVmuY4dxJwAC7DJyeg5oopxV3YiTsiC8s59Pvp7O7Ty54JGjkTIO1gcEZHB5qGiioi7pMuStJoKKKKZIUUUUAXdM0e+1hrkadB5xtYGuZvnVdsa9W5Iz16DmqVFFN6W9P1f8AkO3u38/8gooopCCiiigC3qWl3ukXQttRgMMjIsi8hgysMhgwyCD6g1Uooo6gtgqxYWF1qmoQ2WnwtPcztsjjXqx/p9e1FFNK7sJuyuT6fol/qutLpWnwrPeszKsayrglQScMTt6A855qiylGKtwQcGiil0i+6NHFLm8n/mJRRRQQSW8El1cxW8C7pZXCIucZJOAOafe2Vxp1/PZXkfl3FvIY5E3A7WBwRkcGiih9Pn+g1qn8vxv/AJEFX7XRNQvdIvNTtrffZ2JUXEu9Rs3HA4JyefQGiin9lvsEdZxj3ZQooopCLFhY3Gp6hBZWMfm3Fw4jjTcBuY9Bk8CkvbK406/nsryPy7i3kMcibgdrA4IyODRRTeiXz/T/ADGtU/K343/yIKu6jo99pK2p1CDyReQLcwfOrb426NwTj6Hmiij7N/P9H/kCV7+n6opUUUUhBRRRQBbtNLvb+1u7mzgM0dmgkn2kZRScbtvUj1IHHfFMsrKXULjyYHgR8E5nuI4V/wC+nIH4Zoop9RXJNV0q80TUZLDU4RDcxgFkDq+MgEcqSDwR3qnRRUrVFNWCiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA//Z)

**4. Capturing and Organising User and hashtag Information**

A close up of food

Description automatically generateda. My script mentions.py was used to generate user interaction graph based on a network of users and the users they had mentioned. This is done by first using the pandas module to read in the in a normalised json form to allow it to be iterated by rows easily. For each row of the table, the get\_mentions() method is called, which will return the username of the current user, and a list of all usernames that were mentioned. Then for each mentioned user, an edge will be created between the two usernames, if one does not already exist, with the two nodes representing the two users. Matplotlib is then used to visually represent this data. I only used 10000 tweets to form this graph as the script took a long time to run due to the fact it is exponential. The graphs are hard to decipher info from so below I have three graphs: One of the mention interaction graph after 500 tweets, then 1000 tweets and finally 10000 tweets, to show how these graphs are built up.A close up of a logo

Description automatically generatedA picture containing text, map

Description automatically generated

To capture a replies, retweets and quote tweets network, I had to stream a new set of data which took in every field of the tweet object, and not just the special ones I had selected. This meant that my results were from a dataset of just over 9000 tweets. The networks for these all worked pretty much the same as I basically just created an edge between two nodes (representing usernames), for each of the three interactions: retweets, replies and quote tweets. The results were as follows:

For my reply graph, there was 2197 nodes and 1516 edges. This generated the following graph:

A close up of an object

Description automatically generated

For the Quote tweet graph, there was 2699 nodes and 2356 edges present in the graph. This generated the following graph:

A picture containing food, fruit, table

Description automatically generated

For the retweet graph, there was 6135 nodes and 5501 edges present. This generated the following graph:

A picture containing food, fruit

Description automatically generated

b. The script hashtags.py was used to capture hashtag information occurring together. This was very similar to the script used in part a, in the sense that I first normalised the data using the pandas then called a method to return the username and a list of the users hashtags. The program differs however with what I do with he data. For hashtags I create an edge between every node, with each node representing a hashtag, which appear in the same tweet. For example a tweet like the following: “I love Liverpool #liverpool #lfc #ynwa” would create three edges; one between Liverpool and lfc, one between lfc and ynwa and one between Liverpool and ynwa. The following graph is the result of all 46000 tweets, which generated 1239 nodes and 2250 edges:

A close up of a flower

Description automatically generated

I then did the same with just 500 tweets, labelled the nodes and zoomed in on a specific section in order to show how the connections looked:

A close up of a map

Description automatically generated

**5. Network Analysis Information**

For my mentions.py script which collects 10000 tweets and returned a graph showing the network of users connected by mentions, I got a graph containing 7154 nodes with 7392 edges. This means that there is more connections than there are users which results in an average degree of 2.1 for nodes in the graph. This means that each user on average is either mentioning a user of being mentioned by a user more than once, however the most frequent degree was 1 and so the most common interaction from users was to only mention or get mentioned once. The maximum degree of the graph was 105 which I assume belonged to a clubs account such as @LFC (Liverpool’s official account.) It is hard to tell from the graph but I imagine that the average degree of 2.1 probably comes from a few highly mentioned users and several users only mentioned/mentioning once.

For my other\_interactions.py script which collected all of my secondary stream tweets (approximately 9000), I returned a series of statistics for these graphs too.

For the replies network, there were 2197 nodes and 1516 edges. This means that there were more nodes than edges and so, in general the graphs nodes aren’t very connected. This can further be shown by an average degree of 1.4 and the most common degree of nodes being 1. There was however a node with a degree of 398 which can clearly be seen from the graph in Part 4, which suggests at least one user had a lot of interactions. This would suggest the user was probably one of the clubs I was tracking in my stream and they had probably put out a tweet which requested a lot of user interaction. On further research this was the case as a lot of replies were to @SpursOfficial who had asked users to reply with their favourite spurs goals : <https://twitter.com/SpursOfficial/status/1239582293905346561>

For the quote tweets network, there was 2699 nodes and 2356 edges. This again means there are more nodes than edges, so in general the graph isn’t very connected, however it is more so than the replies graph. This can be shown by the average degree of nodes being 1.7 but the most common degree of nodes still being 1. There was however a few quote tweets with large degrees as can be seen from the graph from section 4, with the node with the largest amount of degrees having 281. This would suggest perhaps a club or a few clubs have tweeted out looking for a large number of interactions, which has resulted in this large number.

For the retweets network, there are 6135 nodes and 5501 edges. This is again more connected than replies and quote tweets however still isn’t very well connected, as there are more nodes than there are edges. This can be shown by the average degree of the nodes in the graph being 1.8 and the most common degree of nodes in the graph being one. The above graph is so crowded due to the huge number of nodes however the large areas of black show the ties that were being formed, with the node with the highest degree having 463 connections. This suggests that there was some accounts that a lot of users were retweeting from, but there was also some accounts receiving a lot of retweets.

For my hashtag information, things have to be looked at slightly different. This is because in previous graphs, I generated an edge with every node I added however with my hashtag graph, I added nodes even when there were no edges. Despite this there was still 1240 nodes and 2250 edges. These numbers may sound like a well connected graph however the most frequent degree of the nodes found in the graph was still 0. The average degree of a node was 3.6 which suggests each hashtag on average appeared alongside 3.6 other hashtags in the graph at one point. The largest degree of a node was 202 which suggests that for at least one hashtag, it appeared along side a lot of other hashtags. An example of this can be shown from my second screenshot from above of the Liverpool node which appeared to have a degree of ~10, meaning it appeared along side 10 other hashtags.