



Relatório do Projeto de LAPR1

Subtítulo adequado ao âmbito/tema do projeto.

**Equipa [*escreva o nº/ nome + turma]***

1191507 \_ Bárbara Diana

1191430 \_ Fábio Fernandes

1191047 \_ Rui Ribeiro

1191053 \_ Sara Borges

Dezembro de 2019.

**Docente(s)/Orientador(es)**

Ana Barata (ABT)

Alexandre Gouveia (AAS)

Ana Moura (AM)

**Cliente**

Carlos Ferreira (CGF)

**Unidade Curricular**

Laboratório/Projeto I

**ÍNDICE**

[1. Introdução 1](#_Toc27476587)

[2. Metodologia de Trabalho 2](#_Toc27476588)

[**2.1 EduScrum no desenvolvimento do Projeto** 2](#_Toc27476589)

[**2.2 Planeamento e distribuição de tarefas** 2](#_Toc27476590)

[**2.3 Reflexão crítica sobre a dinâmica do grupo** 2](#_Toc27476591)

[3. Análise de Séries Temporais 3](#_Toc27476592)

[4. Desenvolvimento e Implementação da Aplicação 4](#_Toc27476593)

[5. Resultados 5](#_Toc27476594)

[**5.1** **Análise dos resultados** 5](#_Toc27476595)

[6. Conclusão 6](#_Toc27476596)

[Referências 7](#_Toc27476597)

[ANEXOS i](#_Toc27476598)

[**ANEXO A \_ Testes Unitários** ii](#_Toc27476599)

1. **Introdução**

O trabalho descrito neste documento foi-nos proposto no âmbito da cadeira de LAPR1, e tinha o intuito de que os alunos do primeiro ano de Engenharia Informática pudessem pôr em prática os conhecimentos adquiridos nas cadeiras lecionadas ao longo do primeiro semestre.

Posto isto, a tarefa que nos foi dada consistia na elaboração de uma aplicação em linguagem Java que conseguisse analisar séries temporais, bem como estimar os seus valores futuros. Isto é concretizável devido à possibilidade de se analisar uma série temporal através de fórmulas de filtragens (sendo que existem dois tipos de filtração: uma a partir da Média Móvel Simples e outra a partir da Média Exponencialmente Pesada) e de previsões (existindo também dois métodos semelhantes aos da filtragem).

Para executar este projeto, foram-nos disponibilizadas duas semanas focadas no desenvolvimento do trabalho e no esclarecimento de dúvidas através de:

* Oficinas de trabalho, focadas no progresso do projeto em equipa;
* Reuniões com o cliente, onde era possível esclarecer dúvidas com o próprio cliente;
* Aulas Prático-Laboratoriais, nas quais estavam presentes professores especializados em Algoritmia e Programação ou na área das matemáticas que nos iluminaram em relação a fórmulas ou metodologia do trabalho em Java.

Passadas estas semanas, submetemos, no dia 22 de dezembro, o nosso projeto para que fosse avaliado. Posto isto, o que nos restava fazer era elaborar o relatório e preparar a apresentação do trabalho.

**~~Sugestão para a configuração padrão do documento do relatório:~~**

* ~~Espaçamento entre linhas do texto: 1,15 espaço entre linhas~~
* ~~Tipo e tamanho de letra texto: Calibri, letra tamanho 11, normal[[1]](#footnote-1)~~
* ~~Tipo e tamanho de letra dos títulos nível 1: Calibri, 14, bold~~
* ~~Tipo e tamanho de letra dos títulos nível 2: Calibri, 12, bold~~
* ~~Tipo e tamanho de letra dos títulos nível 3 (caso existam): Calibri 11, bold~~
* ~~Texto justificado (margem a margem)~~
* ~~Espaçamento entre parágrafos: 6 pto antes / 6 pto depois (e/ou 1 cm tabulação primeira linha de cada parágrafo)~~
* ~~Numeração das páginas: rodapé à direita; letra tamanho 10~~
* ~~Títulos das imagens (Figura) e tabelas (Tabela): centrada, letra tamanho 10~~

1. **Metodologia de Trabalho**

## **2.1** **EduScrum no desenvolvimento do Projeto**

A metodologia eduScrum, utilizada durante este projeto, consiste na criação de equipas e atribuição de papéis a cada um dos seus membros. Cada elemento possui um importante papel para a plena realização e concretização dos objetivos, ao qual chamamos como um conjunto de Sprint.

Um dos membros, que não faz propriamente partes da equipa, é o Product Owner, que no caso do eduScrum é o professor. Este define o que é necessário ser aprendido, controla o funcionamento das equipas criadas e os seus resultados e por fim, avalia os resultados obtidos, de acordo com critérios de avaliação definidos anteriormente. Consoante a avaliação, o Product Owner é responsável pelas atribuições de classificações e respetivas aprovações ou reprovações.

Outro dos membros é elegido como ScrumMaster e este tem a função de coordenar a equipa, planear o que vai ser feito e definir as tarefas e para quando devem estar terminadas. Este também desempenha a função de líder, garantido que a equipa atinja um ótimo desempenho, fornecendo a máxima ajuda possível. Após essa etapa, as tarefas são subdivididas pelos membros dos grupos para que eles as possam efetuar dentro dos prazos delineados.

No caso do nosso grupo, escolhemos logo o Scrum Master que se manteve durante os dois sprints realizados (desenvolvimento do trabalho das séries temporais e respetivo relatório) que garantiu o bom funcionamento do grupo em que todos os membros comunicaram e realizaram as tarefas propostas, dentro do tempo indicado. O bom desempenho de todos permitiu-nos diminuir ou excluir qualquer tipo de erros que podiam existir, o que mais uma vez levou à otimização do produto final, e por isso é importante um bom planeamento que permita que tudo aconteça como o pretendido.

Esta metodologia é muito benéfica durante a fase de aprendizagem pois permite a obtenção de ferramentas que irão ser úteis em futuros trabalhos, e consequentemente serão facilitados pelos vários aspetos utilizados neste método. Essas ferramentas, tais como a capacidade de discussão em grupo, a marcação de datas de entregas, a organização de todos os componentes do projeto e principalmente a autonomia e a responsabilidade pelo próprio saber serão muito importantes para os anos que vêm, em qualquer área que nos encontremos.

## **2.2 Planeamento e distribuição de tarefas**

A ferramenta que mais nos foi útil para a organização e distribuição das tarefas foi o Trello, onde registámos diariamente a evolução do projeto: as etapas concluídas, os aspetos a melhorar ou a corrigir e quais os membros que mais se focaram em cada tarefa. Com a utilização desta plataforma, foi-nos possível implementar *due dates*, isto é, datas limite para fazer determinada tarefa, de forma a conseguirmos orientar-nos tendo em conta o tempo restante para finalizar o trabalho na sua totalidade.

A distribuição das tarefas era feita no final de cada dia de trabalho, ao fazer o balanço da evolução do projeto. Posto isto, ou por via *Messenger* ou discutindo pessoalmente, distribuíamos as tarefas

~~Refletir sobre o plano do trabalho na sua totalidade, a organização em equipa, a distribuição de tarefas; referir as ferramentas utilizadas (de planeamento e de comunicação) e sua utilidade.~~

## **2.3 Reflexão crítica sobre a dinâmica do grupo**

Desde o início valorizámos a organização. Para que possamos obter resultados o mais positivos possível, os objetivos têm de estar bem definidos dentro do grupo. Por isso, achámos mais eficiente fazer um registo diário de todos os progressos feitos. Este foi um passo fundamental para criar boas práticas de organização no desenrolar do projeto.

Passando à comunicação, podemos afirmar ter sido um grupo em que não faltou boa disposição, empenho e cooperação entre todos os membros. Ao longo do projeto existiram, obviamente, momentos de maiores dificuldades que conseguimos ultrapassar devido à fácil comunicação entre nós, elementos da equipa.

Existem, no entanto, aspetos a serem melhorados tanto a nível individual como enquanto membros de uma equipa composta por pessoas com metodologias de trabalho e formas de pensar diferentes.

Resumindo: analisando o desenrolar do projeto na sua globalidade, achamos que a dinâmica e as relações entre os elementos do grupo foram bastante positivas, o que proporcionou um bom ambiente de trabalho.

~~. Reflexão crítica (individual ou em grupo) sobre a dinâmica de trabalho na equipa e respetivas consequências.~~

1. **Análise de Séries Temporais**

Como foi referido anteriormente, o nosso projeto consistia em criar uma aplicação que, com base em dados estatísticos pudesse esboçar uma série temporal e através dela, fazer uma análise da mesma.

A análise iria consistir em utilizar técnicas de suavização e filtragem, para uma melhor compreensão, removendo ruídos e identificar possíveis tendências que a série poderia tomar. Também possível prever acontecimentos seguintes utilizando técnicas de previsão onde, através de um modelo matemático, capture o processo que gerou a série temporal e assim permita prever valores futuros da série utilizando dados anteriores.

Nada disto se tornaria possível se não houvesse um estudo e uma pesquisa relacionada com o tema, no intuito de recolher a maior e melhor quantidade de informação para desenvolver o nosso projeto. Deste forma, iremos tratar toda a teoria e proporcionar uma melhor compreensão sobre o tema abordado neste tópico.

## **3.1. Séries Temporais**

Uma série temporal é uma sequência de observações ordenada cronologicamente que, em geral, são recolhidos em intervalos regulares. A análise de séries temporais pode ser aplicada a qualquer variável que muda ao longo do tempo e, de um modo geral, as observações mais próximas têm valores mais próximos e correlacionados que aqueles valores mais distantes (Hyndman & Athanasopoulos, 2014; SEMATECH, 2019).

A análise de séries temporais é de grande utilidade em vários domínios como a Música, Química, Energia, entre outros, sendo que do seu processamento podem resultar ganhos significativos para o conhecimento do negócio ou planeamento de atividades.

Em seguida, seguem-se exemplos de séries temporais:

![Uma imagem com vedação

Descrição gerada automaticamente](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAARAAAISodpAAQAAAABAAAIXJydAAEAAAAgAAAQ1OocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEbDoWJpbyBGZXJuYW5kZXMAAAAFkAMAAgAAABQAABCqkAQAAgAAABQAABC+kpEAAgAAAAMyOQAAkpIAAgAAAAMyOQAA6hwABwAACAwAAAieAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxOToxMjoyNyAxODoyMzoyMAAyMDE5OjEyOjI3IDE4OjIzOjIwAAAARgDhAGIAaQBvACAARgBlAHIAbgBhAG4AZABlAHMAAAD/4QsjaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAxOS0xMi0yN1QxODoyMzoyMC4yOTA8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+RsOhYmlvIEZlcm5hbmRlczwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAFJAjEDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6RooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigApk7SJbyNBGJZFUlELbdxxwM9vrT6r38VzPp1xFYTrbXLxMsMzJvEbEcMVyM4POKT2GtzM8P6/Nq91qVne2K2d1p0yxSrHP50bbkDjDbV5wwyMcVF4u8UjwtaWspt4pTczGJWnuPIiQhGb5n2tjO3AGOScUnh/Q9T0Xw7NYPeWbXJVjHcxWzLmQjmSQM7F2LcnkZqr4k8KXuv2el+dc2VxPZo6zx3dqXguC6bWbYGGCOSOeMkUSvbQI26jtQ8XXlho+n6s2jH7DcrB5we42TRNKwUKI9p3EFhnkVq+Jryaw8I6ve2j+XPb2M0sTYztZYyQfzFYEPg3VrWfRFi1a1uLTSbVIlhvLV5C0g4MoIkHzbeBkHHPrVn4jaHp+r+B9Xk1G3WZ7bTrlomJI2HyzyMfQVTt07slX6nR2ErzadbyyHLvErMfUkVK7bY2YdQCaqaZEh0m0yv/LBP/QRU8sSCFyF/hNIZMOQKbIxVcj1H86aIU2j5abLEgjPy9x/OgCamu23bjucUnkp/dqOWFPk+X+KgCemsxEir65pPJT+7UbQp5yfL60AT03d+929sZpPJT+7TPJTz/u/w/1oAmpobMjL2AFJ5Kf3aYsKec/y9hQBNTVbcWz2OKTyU/u0yOJN0ny/xf0FAE1NRt65PqR+tJ5Kf3aZFEhQ5X+I/wA6AJXbbGzDsCaUdKhliQQvhf4TThCmB8tADpG2Jkeop1QzQp5Z+XuP507yU/u0AOdiu3Hc4p1QSwp8ny/xVJ5Kf3aAFZsOo9c06oXhTzU+X1p/kp/doAXcfNC9sZp1QeSn2gfL/D/WpPJT+7QAobMjL2AFOqFYU85/l7Cn+Sn92gBUYszZ7HFOqGOJN0ny/wAX9Kf5Kf3aAFRty5PqR+tDttjZh2BNRxRIU5X+I/zoliQQvhexoAmByBTXbamR7U1YU2j5e1NlhTyz8vcfzoAmprsV247nFJ5Kf3ajkhT5Pl/ioAnppbDqvrmk8lP7tMaFPNT5fWgCam7v3m3tjNJ5Kf3aZ5KeePl/hoAmpobMjL6AUnkp/dpiwp5z/L2FAE1Y/iXWJtF8N3uoW0cby2+3asmdpyyjnH1rV8lP7tcz47iUeB9WwOgXH/fa1hiJONGco7pP8jnxUpQw85R3Sf5HR2cxubGCZgA0kasQOgyKkRty5PqR+tUtIjR9Fsm29YEP/joqzFEhT7vc/wA61g7xTNYO8EyR22ozDsM0oOQDUUkSCJ8L/CacsKbR8tUWOdtq5HqKdUMsKeWfl7j+dP8AJT+7QArtt247nFOqGSFPk+X+Kn+Sn92gBWYh1HrmnVA8Keany+tSeSn92gBd373b2xmnVD5KeePl/hp/kp/doAUNmRl9MU6oVhTzn+XsKf5Kf3aAFVixYH+E4/SnVCkKbpPl/i/pT/JT+7QAqNuUk+pH606oYokKHK/xH+dP8lP7tAD6KKKACiiigAooooAKKKKACsXxn/yIev8A/YMuf/RTVtVi+M/+RD1//sGXP/opqANDS/8AkEWn/XFP/QRU83+pf/dP8qg0v/kEWn/XFP8A0EVPN/qX/wB0/wAqAHD7ops3+rP1H86cPuimzf6s/UfzoAfTJf4P96n0yX+D/eoAfTG/1yfjT6Y3+uT8aAH0z/l4/wCA/wBafTP+Xj/gP9aAH0xf9c/0FPpi/wCuf6CgB9Mj+9J/vf0FPpkf3pP97+goAfTIf9Wf94/zp9Mh/wBWf94/zoAJf9S/+6aeOgpkv+pf/dNPHQUAMm/1R+o/nT6ZN/qj9R/On0AMl/g/3qfTJf4P96n0AMf/AFsf40+mP/rY/wAafQAz/l4H+7/Wn0z/AJeB/u/1p9ADF/1z/QU+mL/rn+gp9ADI/vSf739BT6ZH96T/AHv6Cn0AMh+4f94/zol/1L/7poh+4f8AeP8AOiX/AFL/AO6aAHL90fSmzf6o/Ufzpy/dH0ps3+qP1H86AH1HL/B/vVJUcv8AB/vUASUx/wDWx/jT6Y/+tj/GgB9M/wCXgf7v9afTP+Xgf7v9aAH0xf8AXP8AQU+mL/rn+goAfXMePDjwLqx9k/8AQ1rp65X4gnHgTVfcxj/x9a5sV/u8/R/kcmN0wtT/AAv8jZ8PNv8ADOmt62sZ/wDHRV6H/V/8CP8AOszwo27whpJ/6c4v/QRWnD/q/wDgR/nWlF3pxfkjWg70ovyX5BL/AKl/9005fuj6U2X/AFL/AO6acv3R9K1Nhs3+rP1H86fTJv8AVn6j+dPoAZL/AAf71Ppkv8H+9T6AI3/1qfjUlRv/AK1PxqSgBn/LwP8Adp9M/wCXgf7tPoAYv+uf6Cn0xf8AXP8AQU+gBkf3pP8Ae/oKfTI/vSf739BT6AGQ/cP+8f50+mQ/cP8AvH+dPoAKKKKACiiigAqG98sWM/nzGCLy23yh9pQY5bPbHXNTVFdWsF7aS2t5Ck8EyFJIpFyrqRggjuKT2GtzmvBn2lLXUb2a6um0maYSaf8AbpmkkWIIMuWc5CsQSATwPTpU/jRLm58KzXGlfaZpY0MsX2O+a3J+U4bcp+YDrg8GtGy8O6Np1jPZWGmWtva3ClZoY4gqyAjGCO/HFF74d0fUNPgsb3Trea1twFhheMFUAGAAOwxxRJXVkEXZ3ZxeoX14ul+HvEc93eXejCzhFy8F49tI0jsgWUxrw455Unv3rc+IusQ6Z4G1dJYLqY3GnXKp9ngaQD90fvEfd6962Lnw9pF3PazXOnW8r2YAty0YPlY6Y9MVX8Z/8iHr/wD2DLn/ANFNVtp/eyUrfgXdMlA0m04b/UJ/D/sip5ZQYXGG+6f4aj0v/kEWn/XFP/QRU83+pf8A3T/KpGIJRtHyt/3zTJZQYzw3Ufw+9TD7ops3+rP1H86AE80f3W/75pkko+T5W+9/dqemS/wf71AB5o/ut/3zUbSjzU+Vu/8ADU9Mb/XJ+NACeaP7rf8AfNM80ef91vu/3fep6Z/y8f8AAf60AHmj+63/AHzUayjzn+Vug/hqemL/AK5/oKADzR/db/vmmRyjc/Dfe/u+wqamR/ek/wB7+goAPNH91v8Avmo4pQEPDfePb3qemQ/6s/7x/nQAyWUGF+G+6f4acJRgfK3/AHzSy/6l/wDdNPHQUAQTSgxnhuo/h96f5o/ut/3zSzf6o/Ufzp9AEEko+Thvvf3ak80f3W/75ol/g/3qfQBA0o81Plbv/DT/ADR/db/vmlf/AFsf40+gCDzR54+Vvu/3fen+aP7rf980v/LwP93+tPoAhWUec/yt0H8NP80f3W/75oX/AFz/AEFPoAgjlG6Thvvf3fapPNH91v8AvmiP70n+9/QU+gCCKUBOjfePb3pZJQYX4bof4afD9w/7x/nRL/qX/wB00AIso2j5W6f3abLKPLPyt1H8PvUq/dH0ps3+qP1H86AE80f3W/75pkko+Thvvf3anqOX+D/eoAPNH91v++aY0o81Plbv/DU9Mf8A1sf40AHmj+63/fNR+aPP+633f7tT0z/l4H+7/WgA80f3W/75qNZR5z/K3Qfw1PTF/wBc/wBBQAeaP7rf981yvj5hJ4OvIwG/eTRr0/2lrra5nxqu/QfL/v30C/8Aj4rmxWtCa8mcmNV8NUXkyx4OmB8G6Xw3Fuo4HoK2IpQE6N1P8PvWN4Gbd4L072jI/ImtyH/V/wDAj/Oqw+tGHovyKwjvh4PyX5DJJQYn4b7p/hpVlG0fK3T+7Tpf9S/+6acv3R9K3OkhllHlnhuo/h96f5o/ut/3zSzf6s/Ufzp9AEEko+T5W+9/dp/mj+63/fNLL/B/vU+gCB5R5qcN3/hqTzR/db/vmkf/AFqfjUlAEHmjzx8rfd/u1J5o/ut/3zR/y8D/AHafQBAso85/lboP4ak80f3W/wC+aF/1z/QU+gCBJRuk4b73932p/mj+63/fNLH96T/e/oKfQBDFKAp4b7x7e9P80f3W/wC+aIfuH/eP86fQAUUUUAFFFFABRRTJZUgheWZgkaKWZieAB1NAD6Kp6Xq1jrVmbrTLgTwiRoy4UjDKcEcgdCKZq+uafocEcupztEsjbECRPIznBJwqgk8AnpQ9Nw3L9YvjP/kQ9f8A+wZc/wDopqLrxhoVkto1xfqFvI1lhZI3cFGIAclQdqkkDLYFHjPnwFr/AP2DLj/0U1AGhpf/ACCLT/rin/oIqeb/AFL/AO6f5VBpf/IItP8Arin/AKCKnm/1L/7p/lQA4fdFNm/1Z+o/nTh90U2b/Vn6j+dADycLmsjQNZ/t/QbTUvJ8nznYbN2cbWZev4VpznbbSH0Qn9K5f4eHPgTTh6Syg/8Afx655Tarxh0ab/Ff5nLKpJYmNPo1J/c4/wCbOspjf65Pxp9Mb/XJ+NdB1D6Z/wAvH/Af60+mf8vH/Af60APpi/65/oKfTF/1z/QUAPpkf3pP97+gp9Mj+9J/vf0FAD6ZD/qz/vH+dPpkP+rP+8f50AEv+pf/AHTTx0FMl/1L/wC6aeOgoAZN/qj9R/On0yb/AFR+o/nT6AGS/wAH+9T6ZL/B/vU+gBj/AOtj/Gn0x/8AWx/jT6AGf8vA/wB3+tPpn/LwP93+tPoAYv8Arn+gp9MX/XP9BT6AGR/ek/3v6Cn0yP70n+9/QU+gBkP3D/vH+dEv+pf/AHTRD9w/7x/nWNYa8dQ1zWdMaJU+wbdrBuXDA9vYj9aiU4xaT6/8OZyqRhKMZddF91/0Ntfuj6U2b/VH6j+dOX7o+lNm/wBUfqP51ZoPqOX+D/eqSo5f4P8AeoAkpj/62P8AGn0x/wDWx/jQA+mf8vA/3f60+mf8vA/3f60APpi/65/oKfTF/wBc/wBBQA+ub8Xc2Nov97VLcf8AjwrpK5rxZ/qdNHrq9v8AzzXPif4Mjlxf8CQ/wJx4Nsx/daRfydhW/D/q/wDgR/nWD4H48MIn9y4nH/kVq3of9X/wI/zow38CHovyDB/7tT9F+QS/6l/9005fuj6U2X/Uv/umnL90fSug6hs3+rP1H86fTJv9WfqP50+gBkv8H+9T6ZL/AAf71PoAjf8A1qfjUlRv/rU/GpKAGf8ALwP92n0z/l4H+7T6AGL/AK5/oKfTF/1z/QU+gBkf3pP97+gp9Mj+9J/vf0FPoAZD9w/7x/nT6ZD9w/7x/nT6ACiiigAooooAKjuHMVtJIInnKqT5SY3Px0GSBk+5qSigDjfBsmpWGk6ut1oN9by/bLq7hjlaIecHkZ1UFXODgjrgc1V8d6dqWvafosiWOoQopeWcWDp9qtpGiIUAkgYyzBsHnjtmu8opNXVvT8Bp2d/X8TyHWfDXiS5h0jdp0q3dvpcEMQsvLEBmWTc8c6kjMfyqQBnHzY7V2fxCsr+68C6q1nqkliItOuDKkcSOJh5R4O4EgcHpjrXV1i+M/wDkQ9f/AOwZc/8Aopqq9/67k2LumI/9k2mJCP3Cdh/dFTyo/kvmQn5T2FR6X/yCLT/rin/oIqeb/Uv/ALp/lSGIEfaP3h/IU2VH8s/vD1HYetSj7ops3+rP1H86AK98HXTrhvMPETHoPQ1yvw2LP4LtwHIC3EgxjpyT/Wuq1U7dFvT6W8h/8dNcj8L2J8I7T/DeN+qg/wBa4aj/ANrgvJ/oebUlbHU1/dl+aO22P/z0P5CmMj+an7w9+wqamN/rk/Gu49ITY/8Az0P5Cm7H8/8A1h+76CpqZ/y8f8B/rQAbH/56H8hTFR/Of94eg7CpqoardPY6XqN3CAZLe2eVQ3TKqSP5UpNRTbJlJRi5PoXNj/8APQ/kKZGj7n/eH73oPQVV0C+k1Pw9YXs+PNngR3wMDcRzV2P70n+9/QUoyUoqS6hCSnFSWzDY/wDz0P5CmRK+w4kI+Y9h61NTIf8AVn/eP86ooZKj+S/7wn5T2FOCPgfvD+QpZf8AUv8A7pp46CgCGZH8s/vCeR2HrTtj/wDPQ/kKWb/VH6j+dPoAhkR/k/eH73oKfsf/AJ6H8hRL/B/vU+gCFkfzE/eHv2FO2P8A89D+QpX/ANbH+NPoAh2P54/eH7voKfsf/nofyFH/AC8D/d/rT6AIVR/Of94eg7Cn7H/56H8hQv8Arn+gp9AEMaPuk/eH73oPSn7H/wCeh/IUR/ek/wB7+gp9AEESPs/1h+8ew9a4DT2e0+Il9dFz5d5cTWbem5UR1/qK9Dh+4f8AeP8AOvP7uJv7F12/jGZLHXGuRjuF2qw/ImvPxm8Jdnf7jy8wunCS+y7/AHLX8Dv1R9o/eHp6Cmyo/ln94TyOw9afE4khR1OVZQQR3om/1R+o/nXoHqBsf/nofyFRyI/yfvD970FT1HL/AAf71AC7H/56H8hTGR/NT94e/YVNTH/1sf40AGx/+eh/IUzY/n/6w/d9BU1M/wCXgf7v9aADY/8Az0P5CmKj+c/7w9B2FTUxf9c/0FABsf8A56H8hXN+Klb/AIlQ3k51eHsPRjXT1zXifm60ZfXVYz+SNXPif4T+X5nLi/4L+X5i+DVYaTcoHI2Xs69B/wA9DW9Ej7P9Yep7D1rE8IcQ6qn9zU7gf+PVvQ/6v/gR/nRhv4MQwf8AAj6HOwateTeNtT0p5Qba3tUkQbRnJGTz+NdCqPtH7w9PQVx1nIP+Fr60n/Tin/oK/wCNdov3R9KnDScoyu/tP8ycJOU4zu72lJfiRSo/ln94eo7D1p+x/wDnofyFE3+rP1H86fXUdhDIj/J+8P3vQU7Y/wDz0P5Cll/g/wB6n0AQMj+Yn7w9+wqTY/8Az0P5Ckf/AFqfjUlAEOx/PH7w/d9BT9j/APPQ/kKiNzCNSFt5q+eYvMEefm25xnHpmrFK6Yk09iFUfzn/AHh6DsKfsf8A56H8hQv+uf6Cn0xkCI+6T94fveg9Kk2P/wA9D+Qoj+9J/vf0FPoAhiR9hxIR8x7D1p+x/wDnofyFEP3D/vH+dPoAKKKKACiiigAoopkxkEDmBVaUKdiscAntk0APorD8Kazd63pdxNqEUMU8F7PasIc7T5chTPP0pnjLxK3hnw/PdWsAur4xu1vbk4DbVLMx9FAGSfoO4pN2VxpXdjfrF8Z/8iHr/wD2DLn/ANFNVO/8RajaXXh0x29sbXVJkhlZi29WaN3+UdMfJ3z1pvxD1nT9K8DawmoXUcDXGnXKxBurnyzwPzFU1YlNP8ze0v8A5BFp/wBcU/8AQRU83+pf/dP8qq6ZKg0m0yw/1Cf+girEsqGFwGH3TSGSD7ops3+rP1H86QSptHzCmyyoYz8w6j+dAFbXW2+HdRb0tJT/AOOGuW+G48vRLiL+7dKfzhSuj8RzIPC2q4YZ+xy4/wC+DXPeCGWFr+InGHt2/OBa8+r/AL3D0f6/5Hl1v9+pvyf6/wCR21Mb/XJ+NHnR/wB4UxpU85PmHevQPUJqZ/y8f8B/rR5sf94UzzU+0feH3f60ATVi+KZPK8L6w3/To6/mpH9a1/Oj/vCud8bSr/wiOphW5dEQfi4H9axxDtRm/J/kc+KfLQm/J/kTeB38zwTpZ9IQPyOK3I/vSf739BXO+ApETwXZxlsGMyJ+UjCt+OVN0nzD739BU4bWhD0X5E4N3w1P/CvyJqZD/qz/ALx/nR50f94UyKVAhyw+8f510HUPl/1L/wC6aeOgqKWVDC+GH3TThLHgfMKACb/VH6j+dPqGaVPLPzDqP50/zY/7woAJf4P96n1DLKnyfMPvU/zo/wC8KAB/9bH+NPqF5U82P5h3p/mx/wB4UAH/AC8D/d/rT6h81PtA+Yfd/rT/ADY/7woAF/1z/QU+oVlTzn+YdBT/ADo/7woAI/vSf739BT6hjlTdJ8w+9/Sn+dH/AHhQAQ/cP+8f51x9inneFfFXfzLm9I/I11sUqBOWH3j/ADrmfDxSXwvqoyMzXF1+OWYVyVlzTivJ/ocOIXNUjHyl+ht+H5PN8NabJ/etYz/46KvTf6o/UfzrF8IXCP4P0zLDK26r+Qx/SteWVPLPzDqP51tRd6UX5I6MO+ajB+S/ImqOX+D/AHqXzY/7wpkkqfJ8w+9WpsTUx/8AWx/jR5sf94Ux5U81PmHegCamf8vA/wB3+tHnR/3hTPNTzx8w+7/WgCamL/rn+go86P8AvCmLKnnP8w6CgCaua8R86roi+uo5/KNq6Lzo/wC8K5vXpFbX9CG7/l9c/lEa58R/D+a/NHLi/wCF81+aJvCfE2ur6arN+oU/1reh/wBX/wACP8657wzIialr6FgP+JizD8UWt6KVAnLDqf50Yb+Evn+YYT+Cvn+bOE0+XPxk1n0NmV/ECOvQF+6PpXnOnOv/AAs29nz/AKyS4iz/ALqR16GsqbR8w6Vhgfhn/iZzZa7wqf45f5izf6s/Ufzp9Qyyp5Z+YdR/On+bH/eFd56YS/wf71PqGSVPk+Yfep/mx/3hQAj/AOtT8akqF5U81PmHen+dH/eFAHKXE4T4uWqf3tKKf+RCf6V11efX9wB8Z7FgfkEHlk+mUYj+Vd950f8AeFcWFlzOp/if6Hn4KfM6vlN/kgX/AFz/AEFPqFZU85/mHQU/zo/7wrtPQCP70n+9/QU+oUlTdJ8w+9/Sn+bH/eFABD9w/wC8f50+oYpUCHLD7x/nT/Oj/vCgB9FFFABRRRQAUydHlt5EilaF2UhZFAJQ+oByOPen0UAc7onhWfRbHULZddvZxevLLveOJWhkkYszqVQc5OcHIqTV/B+l+INEjsNbiW+kjtmgS7nRWlXcu1nBxgMcA/Wt6ih6qw07O5y+oeChcxaTDY6vdadb6SVe3ht4YSu9VZdx3IezHjpVrxnEp8Aa4JcSsumXHzMoyT5Tc1vVi+M/+RD1/wD7Blz/AOimp3ZNkX9LH/EotP8Arin/AKCKsSj9y/8Aun+VQaX/AMgi0/64p/6CKnm/1L/7p/lSGOAG0cUyYfuz9R/Onj7ops3+rP1H86AMvxUdvhHVT/06SD/x01jeFl8vXtTj/wCmdm3/AJBx/Stbxi23wZqh/wCndhWboq+V4vv0/v2lo35K4rz6v+9Q/rpI8ut/vkPl+UzrMD0qNgPOTj1qSmN/rk/GvQPUHYHpTMD7R0/h/rUlM/5eP+A/1oAfgelc34z+bRvJ/wCe11bR/nID/SukrmvFvzPpMf8Af1S34+m5v6Vz4n+DJHLi/wCBJd1b79B/gkbdBli/55Xk6f8AkRv8a3owN0nH8X9BWF4Q+WPV4+0eq3AH/fWf61vR/ek/3v6CjDfwYoMH/AivIfgelRwj5D/vH+dSUyH/AFZ/3j/Oug6glH7l/wDdNOAGBxWV4pupbLwrqNxbuY5Y4GKsOxqfQrmS88Pafcztulmto3dsdSVBNZ+0XtPZ9bXMvax9r7Lra/6FuYfuz9R/On4HpTZv9UfqP50+tDUjlA+Tj+KpMD0pkv8AB/vU+gCNx+9j/Gn4HpTX/wBbH+NPoAjx/pA/3f61JgelM/5eB/u/1p9AEagec/HYVJgelMX/AFz/AEFPoAjjA3Scfxf0FSYHpTI/vSf739BT6AI4R8h/3j/Oue8GgN4TZyP9ZPcH/wAiNXRQ/cP+8f51z3gn/kSLc/3jK35yMa55fx4+j/OJyz/3mHpL84jvAn/Im2anqhkT8nYf0remA8o8dx/OsHwT8uizw/8APG9nT/yIT/Wt+b/VH6j+dGG/gQ9EGD/3eHoh+B6VHKPuf71SVHL/AAf71dB1EmB6VG4Hmx8etSUx/wDWx/jQA/A9KjwPtA4/h/rUlM/5eB/u/wBaAH4HpUagec/HYVJTF/1z/QUAPwPSua1oZ8V+H1/6eZj+UJrpa5rV+fGXh8f9Nbg/+Qh/jXPiPg+cf/SkcuK/hr1j/wClIf4fG3xF4hT/AKekb841rehH7v8A4Ef51haL8vjHxEv+3A35xCt6H/V/8CP86MP8Hzf5sML/AA36y/8ASmeeWHHjJZP+empagv5In/xNeiKBtHHavPLH/kJ6bcf39Wvv1Vh/SvRF+6PpXPgfhl6/ojly34J+v6IZKP3Z+o/nUmB6Uyb/AFZ+o/nT69A9QjlA+Tj+Kn4HpTZf4P8Aep9AEbgeanHrUmB6VG/+tT8akoA861X5fiQbj/nneWkX03RP/jXouB6V51q/Ouardf8APHVLM5/3Qo/rXooORXn4PSVT1b/F/wCR5eB0nVXdt/i1+hGoHnPx2FSYHpTF/wBc/wBBT69A9QjjHzSf739BWBfazcWvj/TtLDqLW6tnYpt5Lgk5z9FroI/vSf739BXAeLWaL4iaZeKcC0SHefQPIyn+dceLqOnBSXdfdfX8Dgx1WVKnGUf5l919fwO+hHyH/eP86kwPSo4f9Wf94/zqSuw7wooooAKKKKACkJCqSxAAGST2paw/Glrd3vgfWbbTQzXUtnIsaqeWO3oPc9KTdlcaV3Y1LLULLUoTLp13Bdxq20vBKrqD6ZB60Xuo2WmwibUby3tIi20PPKqKT6ZJ61x/hm4iTW9c1extLiHSlsrZRH9mZGeWNXL7UIBJClF6ckYp3jIx3VnpOtRyNEUjk2W1xp8k4kEqDgovKuMDGfUiiWmwo6nYyXUEUaSSzxokjBUZnADE9AD3J7VleM/+RD1//sGXP/opq83vtB8WReFfC0VxYJeR6aLEiP7Syus3mpuLKEOQF+XOeAWNdx8Q11dvA+qnSpLKOMadc/aVuYnclfLPCFWGD16g9qprf1aFfb0Og0v/AJBFp/1xT/0EVPN/qX/3T/KqumeZ/ZNpgp/qE7H+6KTVbw6dpF1eTbWSGJnIUcnA6VLairsJSUU5PZF0fdFNm/1Z+o/nXH21/rx8SaPLqE0cNvqCShbOMZCBUDDce5rrZfM8s5KdR2PrWVKqqqdla3+V/wBTGjXVZNpNWdtfRP8AUx/G7bfBGqH/AKY4/UVVt18r4gSJ/f06FvyZhUvjnzP+EJ1AMVwVQcD1dRUUm9fiPBkrl9L9PSX/AOvXLV/3hP8Aw/8AtxxVv96T/wAP5zOopjf65PxoxL6p+Rpjeb5qcpnnsa9A9Qmpn/Lx/wAB/rSYl9U/I03955/VM7fQ0AMvdQtdPWFryURCeZYY8g/M7dBWH4i/eeItBg/vXhf/AL5jY1m/FCaW28O2Uw2lor+ORdo7hXNXdRka48Z+HihUjy55QccY2AD/ANCrz6tXmlKl2cfxZ5devzznR7OH4yLPhb5b7xBH6am7fmimt6P70n+9/QVz2g+YniXxFECuRcxuePWNa3o/N3Pgp970PoK6MP8Aw7eb/NnVhP4VvN/myasjUdch0iWwimjdzfXXkKV/hJJ5P44rRMpEwhMsIlZSwT+Igd8Z6VxXjadotZ8MIxX5tRz09HUf1pYmq6dJyj5fmhYys6NFzi9U1+LSNnx8/l+BdTP+wo/N1H9as+EJPN8G6SR2tY1/JQP6VT8ch38MNC5UrNcQoQB1zIv+FL4FMp8GWK5X5A6cj+65H9Kxv/ttv7v6nOm/7Rt/c/X/AIJ0M3+qP1H86fUMvmeXyU6jsfWnYl9U/I13npiy/wAH+9T6xtd1d9IGnlo1l+1XsdsADjbuz834YrWxL6p+RqVOLk4rdEKcZScVugf/AFsf40+oW8zzEyU79jXOeCtYutatdTuJZhIq6hIsW4fdTCkAe3NRKoozjB7u/wCBEq0Y1I03vK/4HTf8vA/3f60+of3vnjlc7fQ0/Evqn5GtTYF/1z/QU+oV83zn5TOB2NPxL6p+RoAI/vSf739BT6hj83dJgp970PpT8S+qfkaAGq2yB29Cx/U1heC12+BbL3iY/mTWrOZE064YFeEc9PrWZ4TWRfBOn4K4NsD09RXPL+PH0f5o5Zf7zH/C/wA4jfCPytrcf9zVJv1w39a35v8AVH6j+dc74d8yPXvEEIKjF0shyP70a1vy+b5ZyU6jsfWjDfw7ev5sMJ/CS7Nr7myao5f4P96lxL6p+RqOTzPkyV+96Gug6iemP/rY/wAaMS+qfkaY3m+YnKd+xoAmpn/LwP8Ad/rRiX1T8jTP3vnjlM7fQ0ATUxf9c/0FGJfVPyNMXzfOflM4HY0ATVzWq8+N9BHobk/+OJXRYl9U/I1zeob28daOMrlY7g9PZK58R8C9Y/mjlxX8Nf4o/wDpSJtK48deIB6x2zf+OEf0reh/1f8AwI/zrnrDzF8fauMrl7W3Y8em4Vux+YIycpgE9j60Yf4X6y/Nhhfgf+KX/pTOBs+NG0G4/v6rP/48ZB/SvRF+6PpXnNuHXwP4ckOP+QkrdP7xk/xr0NfN2jlPyNc+C+H5R/I5cu+D5Rf/AJKipreqW+j6TLe3m4Qxld20ZPLAf1q8DlQR0IrkfiU8ieCLkMVw0iDgf7Wf6V09s8ktrFIpTDICOD6V0xqN1pU+yT++/wDkdcareIlS6JJ/e3/kiWX+D/ep9Qyeb8mSn3vQ07Evqn5GtzpB/wDWp+NSVA3meYnK9+1SYl9U/I0AefamN+k+LZx1jvlI/wCAGM16FGcxKfUCuEWJ5/Dni37p3XN03Trtx/8AE11+lSyz6PaShk+eFG6HuK8/C/G/NfrL/M8vB6Tb7r/26X+ZbX/XP9BT6hXzfOflM4HY0/Evqn5GvQPUCP70n+9/QVw/iS3N5qniPZ96302F1PoVZn/9lrtU83dJyn3vQ+lc7ZQNd+LvEkTlcPDBE3HYxn/4quTFR51GHd/ozhxsPaRjT7tr/wAlkbul3Au9MguE+7Ku8fjzVuue8FSTSeEbNSVDQhoSCOQVYr/St7Evqn5Gt6UuenGXdHRQn7SlGfdIfRRRWhsFFFFABRRRQAdOlGM9aKKACsXxn/yIev8A/YMuf/RTVtVi+M/+RD1//sGXP/opqANDS/8AkEWn/XFP/QRWV45cp4J1HHVkVB/wJwP61q6X/wAgi0/64p/6CKxvHJz4dSH/AJ73cEf1/eA/0rnxP8Cfozlxf+7z9H+QmuKINY8MyDgJctGP+BRMP6V0M3+rP1H86wPFnyLocndNUgH5hl/rW/N/qz9R/OilpUmvT8v+AFHSrUXo/wAEv0MHxz/yJt2P7zwj/wAipUd4NnxD0xv79hKn5OpqTxvz4Xdf71xAP/Iq0zVvk8caA39+K4X8gprnrfxW/wDB/wClM5a/8Zv/AK9/+lP/ADOkpjf65PxqOK9t57ue2imV57fb5qDqm4ZGfqKkb/XJ+Nd6aex6aaew+mf8vH/Af60+mf8ALx/wH+tMZy/jm1/tAaVYnn7RcOuP+2T/AONZ3hu5/tDW9AcnJi0hy31DKh/UVt6983irw2n/AE3mb8oj/jXPeDEaPx1qVoRhbCKSFfo05cfoa8ip/vXq0vuUX/meDV/3z1kl9yjJfqdDpHy+OPEK+q2z/wDjhH9K3o/vSf739BWDY/J8QdVX/npZwN+RYVvR/ek/3v6Cu/D/AAv1l+bPUwvwNf3pf+lM5HUZRF8XNKGeZrB0x+LH+lZfj359c0pv+fPNx9MzxrUniVzH8VdHuAeIkiiP/A2kFM8ZAy6jqbLz9n0pW+h+07v/AGWvKrSvSrR/vfon+h4uIlzUa8f7/wCST/NHQeNDu03TU/56alAP1J/pTvBXyaLcQf8APC9njx6fvCf61H4rIlOhRjkNfq/5Rsak8J/JNrsX93VJTj2YK39a7V/vXN8vwuegv995vl+Fzfm/1R+o/nT6ZN/qj9R/On16B6hx/j6by5vDwP8A0FIm/I//AF67CuB+J0pjudAx2ui5/Ap/jXej7o+lcVGV8RVX+H8jzsPK+LrLty/kZviC8/s/RLu6zgxQSMv128friue+HVodOttRsmGGjmjZh7tEpP61oeNv32k21iOt9dxW5+hYE/opp2iDy/F/iKMdA8DD8Yh/hUVNcVF9tPvTf6IirrjYPtp96k3+SN//AJeB/u/1p9M/5eB/u/1p9egeoMX/AFz/AEFPpi/65/oKfQAyP70n+9/QU+mR/ek/3v6Cn0AUNQbZoV83pDKf0NVfDS7fBemj/pyjP/joqbWW2eF9Tb0tZz/461Joa7PCdgvpZoP/ABwVz/8AL/5fqcv/ADE/9u/qUdH+Txtr6/3ktnH/AHwR/St+b/VH6j+dYFr+7+IV6v8Az20+J/yZhW/N/qj9R/OjD/C15v8ANhhfgkv70vzbH1HL/B/vVJUcv8H++K6DqJKY/wDrY/xp9Mf/AFsf40APpn/LwP8Ad/rT6Z/y8D/d/rQA+mL/AK5/oKfTF/1z/QUAPrmrvn4hacP7ttOf/QK6Wuam+b4j2g/u2Mp/8eSufEfCvVfmcuJ+GP8Aij+aJLf5fiLeD+/p8Tfk7CtiV/L0+d/7quf51j/d+JR/2tKB/KU1pak+zQL9/wC7BKf0NTTdoT9WTRdoT8nI4+RNnw50Bv7t1bP+bf8A1675fuj6VxOoJ5fwt0xv+eaWjn/vpf8AGu1T/Vr9Kzwqs7f3Y/qZYNcrt/dj+pyHxPBfwisS9ZLlFH5Mf6V0OgS+f4b06X+/bRt/46Kx/HEf2i30q2/566gn/oD1c8GS+b4N00/3YQn5cf0pQ/3yXp+X/DkU/wDf5+cV+Fv8zZl/g/3qfTJf4P8Aep9d56hG/wDrU/GpKjf/AFqfjUlAHIaFF9o8Oax3+0S3f45ZhWx4Uk83wjpbd/syA/UDFUPBKiTw3GW/5ayTk/jK1TeBmJ8H2at1jLxn/gLkf0rz8PvTfeP+X+Z5eF0dJ94P9P8AM3V/1z/QVg69qtzY+JvD9rDJtgvJZVmXA+bCjH6mt5f9c/0FcX42n8vxd4VHpct+pQVti5uFLmXdfmjfHVHTo8ydtY/+lI7SP70n+9/QVg6D8/ibxDL/ANPEaflGK3o/vSf739BWD4X+a/1+T11J1/JVFVV/iQXm/wAmXW1q015v8mJ4O+S11KH/AJ46jOn/AI9n+tdFXOeFTs1DX4vTUnf/AL6VTXR0Yb+El/W4YT+Cl2uvuYUUUV0HUFFFFABWd4h1ddA8OX+qvGZRaQNLsBxuIHA/E1o1U1XTbfWNIutOvVLQXUTRSAHBwRjj3pPYatfUyfD+t6jdavfaTrcdsLy1hhuA9qGCMkm4AYYk5BRh154p3jLxK3hnw/PdWsAur7y3a3tycBiqlmJ9FAGSfoO9GmeF2sF1CWXVLq4v76FYTeMqK8aIpCbQABxuJ6dTS6x4P0vxBokdhrcQvpY7ZoEu5kUyqWXazg4wGOAfrRK9tAjvqZ+v67r9pY6ddaQumt9tEUaW9wjl3lfkhSGGAFyTwcAGr3ji6gt/AWuC6niiZ9NuAodwu4+U3TNS2/hWytr/AEm4ieRY9Jtngt7cYCAttBfGPvYXH4mqvj/TLHUPA2tPfWsVw0OnXLRmRQdh8o8j8hVO3QhXsrm1pbD+ybTkf6hO/wDsisXxkwkj0eEEEvqcRxnsoZv6CtnTI0Ok2mVH+oTt/sisXxIit4g8PwhRgzTSH/gMR/xrmxH8O3dr8Wjnxf8ACt3aX3tIk8ZkLodvMCP3N7bydfSQf41uysDF1HUd/esHxxGo8FXzqozGI3HHo6n+lbjonkAhR27e9Ef48vRfqENMTNeUfzkYnjRgdDgUEfNe246/9NBTddIHi7w02R/rJ16+sef6UvjFF/s/T1Cj5tStl6f7dZvxEuRplvpt8i4aKWQLgfxNEwH64rlxElFzm+nL+DuceKkoOpN7Lkf3SuQeBL03vinxHdufluXR4iT1QNIo/lXbsy+cnI7965Hw1p66X4lWyZQGGkQFuOrBmBP511rRp5yfKO/atcCmqNpb3f53NsuUo4fllvd3+9sl3L6j86ZuX7R1H3fX3p3lp/dH5Uzy0+0fdH3fT3rtPQMLV2DeNvDwBHyrcsef9lR/WjStIks/Gmt6i+wQXaQ+UQ3JIX5s/jSXyK3j/S02jCWc79PUqK3ljTzn+UdB2rjhTjOpKT6Sv/5KkcFOlGpVlJ9JXX/gKRhKwT4kyDIxJpanr6SsP61vRsN0nI+96+wrAmRU+JFt8oxJpjr07iRT/Wt6ONN0nyj73p7CtKH2l5s1w/21/ef+ZwPikj/hIdRuwR/oK2MgPp+9P+NTaoourvxac/6rTUUfk70utWwubjxmoX7lnAR7bUL07SNupW/im5wCJ4VQf9+P/r15bV6jj3b/APb1/keNJc1Rx7uX4e0X+Rb1CYXN34U5zvEkh/CA/wCNXNAYR+J/EMORjz4pOv8AejH+FZFmVuJ/CBAGV06WRvr5aCtbTUWPx5rKFRiW3t5APoGFdNN3mpf3l/6QddJ804z/ALy/9NnQTMPLPI6jv70/cvqPzqKaNPLPyjqO3vT/AC0/uj8q9M9g8/8Aiawe4sgCD5MEkv8A4/H/AIV6CjrsXkdPWuA8eRLLqk6BR+70eWT/AMiL/hXc2gSSzhfaPmQHp7V5+H/3mq/T8Dy8N/vdZ97fhdGJrhE3i/w7ASCitPMwz3VAB/6FS6YwTx3royPnhtmHP+ywpl0iyfEaxj2jEWnySdPVwP6U62RU+Id+u0YksIm/JmFH/Lzm/v8A/ttg/wCXvN/f/wDbLG9uX7QOR93196k3L6j86i8tPtA+Ufd9PenssaKWYKFUZJPavQPUMfTddF94o1bTgqBLIRbXB5YsCT+R4ra3L6j868+8BAy+JdSu5hzqEIugD2BkcD9MV6B5af3R+VcmEqyq0ueXd/dfT8DiwNaVajzy6t/dd2/AbGw3Scj73r7Cn7l9R+dRxxpuk+Ufe9Pan+Wn90flXWdpkeIpAvhDVTkf8e0w6+oNWdMwnh61XI4tlHX/AGaoeKwqeC9UbAz5Lj9cVp20KJpUQ2jiEDp7Vzr+O/RfmzlX+8v/AAr82ZDME+I8JyMSaUw69xKP8a35mXyzyOo7+9c14g0jVbnXdPudF8qL9xJDNM4z5YJU5A7ng0nhCFoLDU7SaV7hrXUZIhJKcsR8pGfzrKnNxqum1o29fkjGlUlCvKk4uzb16bJnU7l9R+dcb4/1H7JLoKB8BtRSRsHspGf/AEKux8tP7o/KvP8A4gQ/a9SMKAf6Hp0lyPY+YuP/AEE0Y6TWHfLuLMpSjhpcu+n5noIdT3H50x2XzY+R370y1Mc9pFKqjDoGHHqKc8aeanyjv2rsTurnoJ3VyTcvqPzpm5ftA5H3fX3p3lp/dH5Uzy0+0D5R93096YyTcvqPzpisvnPyOg707y0/uj8qYsaec/yjoO1AEm5fUfnXNlgfiXFyMDTX/wDRi1d1TV49N1rSrA24f+0HkXfnGzaoP45zVFUU/EsjaMDTDx9ZP/rVy1Zxk1FdJL/M4q9SMmordSV/zJJGA+JMByMNpbjr6Sj/ABq3r0gTwnqhyM/ZZsc/7JqnfIsPj/S3KjbPZzRDjuCrVJ4q2x+C9UbAz5Dj8ziovanV+f5EX5adbyb/ACTM7XVCfCwLkZjt7c/kyVbn8RSReNdO0WIxmKW2aSUnqDg4H6frSeJrZV+Hd2gUAraL29MVzemYvfFWna4RlLq+lgjPYxpFtH6g1zVZyp1Yxj15fuu7/mjjrVJUq0Yw6qF/RN3/ADR0vidg+s+H48jm8ZvyQ0/wOwTwwkJIzDPNGefSRqj8QIv/AAlXh1Qo/wBZOx/BAP60/wAJIqrq8JUYi1OZRx0BII/nW0f95b9V+EWdEf8AfG/Nr/yWLN+Vl+Tkfe9afuX1H51FKkY2ZCjLCpPLT+6Pyr0D1BjsvmpyO/envIqIzEjgZ61G8aeanyjv2qO/VI9NuX2j5YmPT2NJuyuKTsmzF8D4XwpYZIyY2br6sTTvCLCGPVbTIAttRmVRn+EncP8A0Kn+EYVXwvpeVHNqrdPXmo9JRYfGmu25UBZFhnUfVcH9VrhprljRflb8P+AebSXLCg/K3/kt/wBDfVl85+R0HeuA8fEN4s0Rwf8Aj2KzHn/psgrvljTzn+UdB2rgvHSL/bVw4A/cabHIPb/SV/oKMw/gP+ttRZp/uz+X4a/od7G4Jfkfe9fYVheEWDR6tJkfvNTnYc/7WP6VtwIhVvlHUdvYVh+CkV9BeUqD5t1O3/kRh/St561oej/Q6p614Lyf6f5jdAYJ4s8RRZGPNikH4p/9auk3L6j865rS0VPHmsIQP3tvC4/AuK6Ty0/uj8qMP8DXm/zYYX4Gv70v/SmOoooroOoKKKKACiiigAooooAKxfGf/Ih6/wD9gy5/9FNW1WL4z/5EPX/+wZc/+imoA0NL/wCQRaf9cU/9BFYusfvfG2kJ/wA8bW5k/MKtRal4gk0LT/D4RUMd3LFDKX/hUqMkfTOaln/efET1EWkMfoWk/wDsa5K1SMn7Nbpx/wAzgr1YzfslupRv99/0Lfi2PzfBuqL/ANOrt+Qz/SrtpJ52j20n9+KNvzxTNbj87w7qEf8AftZF/NDVfQJPN8I6Y/8AetYSf++RV7V/Vfk/+Ca7Yn1j+T/4JV8X8w6OPXVrf+ZP9KPF+iS65BpkUQUrFfxyyhjj92M7vxo8W8nQ19dWh/RXNb0v8H+9WbpxqzqRls7GTpRrTqwls7GAw2fEqP8A29JI/KX/AOyrfb/XJ+NYN78nxC0xv+ellMn5Mpreb/XJ+NaUd5rz/RGuH0c1/e/RMfTP+Xj/AID/AFp9M/5eP+A/1roOowZfm+JNuP7mlufzlX/Ct5f9c/0FYK/N8SpD/c0pR+crH+lby/65/oK56H2n5s5cP9t/3mYOo/J4+0dv+elrcJ+W01vR/ek/3v6CsHWvl8ZeHG9Tcp+cYP8ASt6P70n+9/QUUfjqev6IKHx1F/e/9ticxaQfbNZ8Wp180JF/5Bx/Ws74ZI1z4SvWk5aWdkz6gRqv9K2vDXz6x4hk9b/Z+Ua03wNpFzonh37JeKqy+fIx2nORnAP6Vx06blVhPp7/AOf/AA5wUqTlWpztp79/nLT82YHheT7ReaEP+eOjzH/yIF/pXQJ+7+JDAdJdLVvxWQj+tc54K51gR/8APtp00Z9v9Jf+gFdHd/uviDpr/wDPaxmj/Jlaow/8CMvNfojPCf7tCf8Aej+SRvzf6o/Ufzp9Mm/1R+o/nT69c904bxSnna9q2P8AlnoTD8Szn+ldZoz+Zodi/wDet0P/AI6K5rUU8/xF4jH9zTY4/wA1kNb3hl9/hTSm9bSL/wBBFefQ/jSfe/4M8vDf7xJ97/hKxnx/vfiTcN/zw0+NPzdjTj8vxK/39KH6Sn/GmaX8/jzXZOyi3jH4Rk/+zU+4+T4jWbf89NNlX8pFNH2VL+/+rQL4FL++/wD0po3/APl4H+7/AFrK8WXbWXhS/kj/ANY0RiQDruc7R/OtX/l4H+7/AFrA8U/6TeaJp4/5b3wkYeqxgsf1xXTiG1Slbd6ffodeKk1Rlbd6fN6Iq6VaLp3jaGzT7seixp9drkV1bMEUsxAVRkk9hXOyfL8TID/f0tx+Ui/41J4tnlktLbSLVik2qS+QXH8MYGXP/fIx+NY05KlTnbo/8rGFKSoU52Wz0/CyDwr4iHiFdQlSMJHDdFIiM5ZMDDH61v1zHhq3jsfEmvWUChIomgKKOwMQH9K6etcNKbp++7vX8G0bYSU5Ul7R3d2n8m0c74zOPA2p47oR+bgVu422eB2T+lYPjT/kSb4f3nRfzlUVvt/x7H/c/pRH+PL0X5yCP+8y/wAMfzkPX7o+lc3ov7rxB4ig9LqOX/vpF/wrpF+6PpXN2n7rxzrSH/ltBbSD8Ny/0oq/HB+f6MK+lSm/P/21kcmvzRfEyPSWkP2WSz4THHm5LZz/ALoNV7mD+0fEXiNSM7LOO1X/AIEjMf8A0IVnawhGta1rEYy2m3do4x12qmHH5Oa2/C7LdTavejDLPqThW9VUBR/I1wwk6lT2cv5m/lqvzPNpzlVq+ym/tSfy95fmaPhaf7R4U0yTOT9mQH6gYNab/wCtj/GsHwP8nhlLc/etp5YT7YkbH6Yref8A1sf4134d3oxfkj1MLJyoQb7L8h9M/wCXgf7v9afTP+Xgf7v9a3OgfTF/1z/QU+mL/rn+goA43xnOI/GXhUdxcP8A+PbRWjFz8S5j/d01R/5ENYPjnLeNdFbtbeXKfxmVa3rX5viPen+7YRj/AMeavJi715r+8vy/4B4cZN4ma/vx/wDSf+AP8Sfudb8P3fZLxoT/AMDQj+lJ4zOPA2pAfxAL+cgH9aXxoNmiwXX/AD6XsE35OB/WmeMTu8HzJ/z0niX85VrerpGsvK/4W/Q6a+ka8e6v96t+ho65ZvfeGLy0gA8yW2ZUBOBnHFc9caadF0fwpbsFD295HG+08bmRt3612D/8e7f7n9KwfF/Gn6ZJ/wA89St2P/fWP61eIpx5XU6pfrcvF0o8rrdUv1uM1r5/GuiL/cinf89gqTw9+68QeIYPS7WXH+9Gp/pUd/8AP8QLFf7lhI/5yKKk0z93481xD/y1ht5B/wB8sp/kKz/5e3/vf+2ma/jc39//ANs/4BW8cSlP7CRSRu1aDOD1GT/jXVVxXxDm8u48Pf8AYRRvyI/xrtR0Fa0nevUXp+RtQlfE1V25fyI3/wBan41V1x/L8Pai/wDdtZT/AOOGrT/61PxrO8Uv5fhPVD/06yD81Ireq7U5PyZ01nalJ+TG+G12eHtLX+7ZRj/x0VUl/wBH+I0DdFutOZPqyPn+TVp6Snl6bZJ/dtkH6CszxB+48R+HrvoouJIGP++nH6rXPNctGD7cv6I5ai5aEH2cfzS/I31/1z/QVw3iuP7Rqev/APTPSEH/AI+zf0ruV/1z/QVyF/H9o1fxcv8Ad02NB/37c0sYuaCj3v8AkxZhHmpqPdv/ANJkdRp8vm2SS/3lVv8Ax0VkeBR/xR9mx/jMjfm5NT6PPnwjDPn/AJdFfP8A2zBpvgxNng7TR6whvz5qovmqwf8Adf6FxlzVqb/uv8eUrQ/J8RmA/wCWunZ/ESsP610tc1N+7+IGnv8A89bOeP8AJ1NdLV0d5rz/AMmXh9HNf3n+jCiiiug6gooooAKKKKACiiigDy7x5Kg1zW2vJfLvLbTIJNEBfDGcu+TGO7bggOO2K6Xx9c6rD4D1MWOnw3ayabcC5aS58oxDyjyBtO7vxx0966iS2hmkR5YUd4zlGZQSv0rJ8Z/8iHr/AP2DLn/0U1C2sD1dzmfFNi+rW3h6xVfne1mkTB/iWEbf1Iq14Z1FtZ1y7vwASNNt0fnoTuJ/XNW0/eeKPDi/889Plf8AMIKj8KaHPo2peIvMhZIJZgbdj0ZPmIx9N1eVyS+tcy2b1+UdP1PE9nJ43nS0ctflBW/G5086yS2kkflj50K/e9RWJ4QleTwTpp2ggRKud3ocf0roh90V5Nf6nPF4Gs9LsmZXgllnuSpwUjScgfmSPyrfE1lQmqj7P80dOMrrDVFVav7svzidt4oZ2vNBUoP+QkpHzeiNW9I0nyZQfe/vVh+Ivm1fw4vrek/lG1b8v8H+9W1L+JP1X5I6KP8AFqeq/JHPawzr408PNsALLcp97r8in+lbzNJ5qfIO/wDFWJ4g+TxJ4cl9LmVP++ojW83+uT8aKXx1PX9EFH+JV9V/6TEo6xq6aJpM2o3cTGGHG4IcnlgP5mrEUxmKSxBWV4wykN1B71i+OkE3hV7Zvu3FxDER65kWk8HTSR2culXLEz6W5tiT1ZAcofxUj8qn2zWI9m9rfjr+hPt5LFeye1l9+v6fkFozv8QdSbYMx2UK/e6ZLGt5Wk85/kGcD+KsTSvm8da+f7sVsv8A46x/rW8v+uf6Cqw/wt+b/NlYX4G/70v/AEpnPeIWdNe8PSlANt26D5v70bCt6NpNz4Qfe/vewrE8WfLJocnddUiH5qwrej+9J/vf0FFP+JNea/JBR0q1F5r8l/kc94UZzNrrBAd2qzfxegUf0reiaTYcID8x/i96xPB3zWepSf8APTUrhv8Ax+t6H/Vn/eP86MN/CQYT+BFnnvglXHizxKu3i3doxz0Bkc10Gts8fivw5MUAHmTxfe67o8/+y1n+FYhH4s8XY6mdT+e8/wBa0/Ff7t9DnHWPU4lz7MGX+oriox5cJ6S/KR51CPJgfSV/un/wDclaTy+UA5H8XvTt0n/PMf8AfVLN/qj9R/On16p7ZyMIebxN4m+QcpBH1/6ZE/8As1aPg+SR/B+mYQEC3Vc7vTiq2iDzde8QOejXqR/lGoqbwKc+C7DPVVZfyYivPofxF58//pSPLw/8WL78/wD6Wv8AMg8Ol5Na12faCTqBj6/3UUU/UmdPHWisUAL29wn3uuNppPCPzwX0/wDz31K4cf8AfWP6U/W+PGPhxvVrhfzjB/pQv93i/NP75Av91jLvJP75r/M3N0nnj5Bnb/erAnZ7v4hWqFARY2Lyfe6M7Bf5Ka6L/l4H+7/WsDQf9J8Ua/e9VE0dqvtsTn9WNdFbVwj3f5a/odWI1lCHd/ld/mkR3jOnxD01toy9nMuN3oVNO1pnbxj4dXYMqbh8bv8AYA/rSat8vjzQW/vR3C/+Oqak1D954+0lf+edrO/5lRXPL7a/vR/9tZyz+2v78f8A21kWmM8fj3W12DMkFu+N3oGFdHuk/wCeY/76rnoDs+JV0v8Az105G/JyP610ldFDaS83+dzqw3wyX96X53OZ8Ylz4XdNow9zEv3v+mq1vu0n2dsoMbf71c74jnGoTWeiWY826e5SeXHSKNXyS31xwK6aT/UP/umiDvWm15L8/wDMVN81ebXZL5q/+YgaTaP3Y6f3q5yUvH8Qz8gHnaYD167Zf/sq6Zfuj6Vzer/uvHGkSf8APa3mi/Io1FfaL81+dh4nRRfaS/F2/Uh0O2/tK38SRyICt1fTRE7uwUJ/SrPhTSLrQvDVrY3aoZkkZmKvkHLEjt6EUvgj5/DpuO9xczyn8ZG/wrdl/g/3qzw9OLjGr1t+eplhaMHCFbrZ/i7nP+F2eG+1222DKai8gG7oHAb+preZpPMT5B3/AIqxNL/deOtdjPAljt5QP+AlT/KtG91S2s9W0+ynLCW9LiLA4+UZOaqhJRp69G1+NkXh5RhS952s2v8AyZpF3dJ/zzH/AH1XJ3viTUovEF1JZ2guNM08CK6CcvuPJK+u3jIroda1JdI0W6vnGfJjJUf3m6AfiSKp+GtMbTdJhiuPmuJVM1wx/ikY5b+eKdXmnNU4O3V/p/XkFbnqVFShK3Vv8vvf5GjaXq31pHc2myWGRdyOr9R+VZljrU1z4s1XS2hQCzSFlYNy25cnP6VF4H+XwysX/PK4nT/yK1ZGkXGfjBrcQ/jtUP8A3yqD+tZSry5aUv5mr/c/1MZYmXJQntzNX+cX+pT8Zln1y9mKgG1src9en+kZrd09nbx/qTBASLOEEbunLVkeI0+0XPi4/wDPKytwP1atbQ387xpq0g6fZLb9Qxrlh/vHq/y5zjp/71fvL8vaL9C54uikufCGppsHEBfhum35v6Vmavctqen6HZRqC1/cpMef4E+dv6V1F9B9q0+4g6+bEyfmCK4jwHKdXvIblsmPS7FLVM93PLH64AFdGI/iqH86t9zu/wAGzqxX8dU/51b5J3f4NncSGTyWGwY2n+KsHxoXHhZ5SgAhmhfO70kX/Guhl/1L/wC6aw/Gql/BGo46rEGH4MD/AErpxP8AAn6P8jrxf+71PR/kVpWdviEhKjK6WO/rL/8AWqRS8fxGkAQfvdMViN3pIR/Wo7dhN45uJB0XToR+bk1PcfJ8RrNv+emnSJ+UimuZbc39/wD4ByL4eb+//wAA534nO4uNDJUDZO0nBz0ZB/Wu+VpNi/ux0/vVwXxM+e4th/zytZJP/H4/8K9Aj5iT6Cih/vVX/t38gw3++V/+3fyI2aTzE+Qd/wCKsbxpJIngzUyUAzDj73qQK23/ANan41ytrYv4rvL6TVbmR7G2vHhitEO1HCHq2OvNb4htw9nFayujpxUm4OlFayTS+7c6O3DxpCuwfLEB96sbxkXXS7S4KAfZr+CXO7/bx/WugxicAdNtY3jWMyeDdR2/eSMSD/gLBv6U8Qv3EvQeKX+zzt0T/A1kaQyMdg5A/irmrVXn1/xVhAd6Rx/e/wCmX/166S0kE0ayL0eNSPyrF8OjzNa8QueQb0J+Ua0q3vSgvP8ARk1/flTXm/8A0llXRrhx8NvMCghLBhnPTEeP6Vq+GRJH4V0tQg4tY/4v9kVz2kyFPhNeZ6pbzx/luWur0ZPK0OyT+7Ag/wDHRWOHd3B/3UYYV8zg/wC4vx/4YxdULp4u8PuFHzNcp16/KD/St29upLTT7i4Ma/uYmk+96DNYmv8A7vVtAm/u37p/30jCrfjCc2/g/UnHVoCg/wCBfL/Wr5uT2su2v/kqNOf2ftpdtf8AyVf5Gyp3KD6jNLTYv9Un+6KdXYd62CiiigAooqnrGqQaLot3qd3nyLSFpXCjkgDOB70bAtdC5RWHoPiGXVby7sb+wNhe2qRytF5vmAxyA7WDYHdWBGOCKk8UeI7fwtoFxqdzG85jU+XBH96VgCcD8AST2AJoem4LXY2KxfGf/Ih6/wD9gy5/9FNVLXPFV/pVlaXlpoovbe5WPB+1hH3ucBAu05PIq54yJPgHXiRg/wBmXHH/AGyanYV0zP0/5/GemjtHomfzdR/Suom/1L/7p/lXL6L+88YBv+eWjwJ+bMa6ib/Uv/un+Vc1D7T83/kc2G+2/wC8/wDIcPuiuBuPCz6T4Z8U3FztaW6Mjx7TnbECWA9jkk13w+6Kz9fj87w7qEf9+3dfzBpYijGpG73SdvmhYqhCrHmluk7fNWMa/k+0an4Sbr5ju/8A5BJrp5f4P96uNtZPOm8DN6wSMfr5AH9a7KX+D/eqcM+bmfmv/SURg5c3PLzX/pMTB8VfJc6DL/d1NF/76VhW83+uT8awfGPFppcn/PPVLdj/AN9Y/rWjd6pbWus6fYSlvOvPM8rA4+UZOfwqoyUas7+X46FRlGFapzP+X8dDO8YfNa6VH/z01S3U/Tdn+lNIFn8Rxs+VL+wJcf3njYAH/vk0vij577QIf72oq/8A3yjGm68fJ8XeHrjoPMlhY/7yEj9VrCp8cpdnH+vuZz1f4kp9pQ/r7mP0T5vF/iN/+mkC/lEP8a3l/wBc/wBBWD4b+fWvEMnrfBPyjWt5f9c/0FdGH+D5v82dWF/h385f+lMwfGXFhp8n/PPU7dv/AB/H9a3o/vSf739BWF43+Xwu8v8AzyuIH/8AIq/41uRfx/739BRD+NJeS/UIaYia8o/r/kYXgj5vDpk/56XU7f8AkVq3of8AVn/eP86wfAnPg2zb+80jfnIxreh/1Z/3j/OjDfwIeiDB/wC7U/RfkULfR7Wwu9RvYA3m3xDS5ORwMDH61Q8a/J4bFx/z73MEv5SKP61vS/6l/wDdNY3jOIzeCtTUdRBv/wC+SD/SlXgo0JqK6P8AzFiIKOGnGK6P79/zNiXmH8R/OpKrRy+fp0Mo6Oit+eKs10J3VzqTurnNeGfmuNbf+9q8o/JVH9Kf4H+XwtGh/wCWc86n/v61M8J/NZX0v/PXVJ3/APHyP6VH4dl+z+G9XPT7PdXX4YYmvPpO3JLyl+aZ5dF8vs5eUvzTJPBHPhWykPWV5pD+Lsaf4i+TX/Dsnpduv5xtU3hOLyvCmjr62yt+Yz/WofFfy3GhSempxr+asKq1sLHy5f0Kty4KHko/g0bVzPHaiS4nbbHFEzux7AcmsjwbDIvh8XU6lZb6aS6YH/bYkfpiofFjNfT2WhwkhtQf98R/DCpy358D8a6NEWONUQAKowAOwrde/Wv0jp83/wAD8zoX7zEN9Iq3zev4K33nOa38vjLw8/bzZl/OI/4VJJ83xJgH9zS3P5yj/Co/Efy69oMnpe7fzjapIv3nxHuG/wCeemxr+cjGueX8Rr+8vyX+RzS/iyXecf8A0lf5Eb/J8SoG/wCemnyJ+Tqf610pIUEngDrXNah+78eaM/8Az0S4T8lQ1r65cfZPD+oT5wY7aRh9dpxW1OXL7R9n+iZ0UpKHtW+j/RMyPA8KyaIdTkGbq/leWSRupG8hR9AMV0Uv+pf/AHTWZ4Xg+y+FtOhIwVgUH645rTl/1L/7prTDx5aUV5GmFjyUILyX39Ry/dH0rlvF8v2TVNEvOgilmUn6xE/0rqV+6PpXG/FEtF4XinT70VyOfQFHX+tZYx8tCUu1n9zuZY+XLhpT7Wf3NM1/BkXk+DdMH96AP/31z/WtiX+D/eqrosP2fQbGHp5dui/koq1L/B/vVtRjy0ox7JG+HjyUYx7JfkYX+q+JHoJ9Mz9Ssn+DVgeOppI/FWm3MZIGmQi7cDuplVT+mfyrf1X9z450KUf8toriE/gFYfyNUbuzGseLtbtm526cluM9i4Zv8K8+tFyjKmt+b9OY8vERc4TpR3c9Pu5i54pb7bNo2mLyLy7WRx6xxjef1xXQdJx/u1xPhG8bXdZtrl8n+zdOSB8/89WPzH8lrtv+Xgf7v9a6sNJVb1V1/T/g3OzCTVZSrL7W3ol/ncwfB3y2eoxf88tRuF/8fP8AjXOaYdnxZuZ/+e0s0H/fKRmuj8KfLca6n93VZT+YU/1rm7T5PFiXf/UduIs/WPb/AOy1xVP4dLyf5Ox59T+FQ8pfk7GjcR/aG8bP1zEEH/AYKf4Mk87W9Rl/vWdl/wCiyf61NpMf2i38VH/npeTR/lGBVD4dP5s983pbWaflFRH+NTfdy/8Abv8AMIf7xSfdy/8Abv8AM7qsfw1oUOgadLbwOZPMneRmYckk/wCAFbFMh/1f/Aj/ADr1XCLkpPdHtunFzU2tVt8wl/1L/wC6azPE0fm+EdTX/p0kP5KT/StOX/Uv/umquqx+boN7H/ftpF/NTSqq9OS8iay5qUl5M5vw5J9o1++l64sbMfmCa0NV/d+ONCf/AJ6RXCfkFNY3gR/Okvpev+jWSflEP8a2de+XxV4bk7edMh/GM/4V59J3wyl/e/8Abjy6L5sHGX95f+lmD47XztWmT+5o8r/+RB/hXcWT+ZYW7/3o1P6Vx3ilPO8QamP7mhP+e5z/AErqtFfzNBsH/vW6H/x0VpQ/3ib7/oa4b/eqj7/oy0/+tT8awvA/z+GxP3uLiaQ/jI1a9/L5FtJN08uN2/Jc1neDYvJ8HaaP70Af/vrn+tdEta8fR/mjqlriY+Sf5xNj/l4H+7VTW4ftHh/UIcZ8y2kUfipq3/y8D/dpzqHRlbkMMGtpLmi0dE480XHuZPhib7R4dsJSclrWLP1281V8Kcz66/8Ae1SX9Ao/pTfArE+F7dG+9EWiP/AXYf0p3g75rLUJf+emozt/4+a46cub2T8r/gefSlz+wflf8F/mc8kpj8A32nx8zXGoSWcQ/wBppP8ADJrvoI/Jt44x/AoX8q4DQYnvvHd7aMp+z6be3F0fQu5wv5Dca9DqcF70XLtp93/B/InL/ei59rR+7/gu3yOa8VfLb6TJ/c1aL9Sw/rUnjM79ItbX/n6voIiPbfk/+g0viyCSXwvPNCN0lpKLlR67H3H9Aag1e4TUdU8MLEd0U8zXIPsseQf/AB4UVtHOPe34uwYjSVSP8yj+L5TpwMAD0ooor0D1AooooAK52/8ABGj3emanbW9strJqEDwyTIPmG7nP54NdFRQO5zWk6BqtrcanqV7fWz6reW8dvFJFCRHGsYbaSpJJ+ZyTz7UniHwcvifQ4oNTvJk1CO0khW4tpHiTe6bWYoDyMjoe3FdNRQ9dxLTY52LwvIl9oTS3rS2mkQMBDJlmkmICrIWJ7LuGP9qq/wARtFs9W8D6u94sha3065aPZIV58s9cdegrqqxfGf8AyIev/wDYMuf/AEU1NtsSSWxl+GY1k8SaiT/yzsrNBz/sMa6iWJRC55+6e9c54TT/AInGryeq2q/lAp/rXTTf6l/90/yrmw/wP1l+bObC/A/8Uv8A0piCFNo6/nUN3bJJaSJ/eG3r61ZH3RTZv9WfqP510bnU9TgNBxM3gzOeIboHn+6oWu7kiX5Ov3vWuD8NcapoEHe3N+p/7+CvQJf4P96uDA6038v/AEmJ5mW60m/T/wBIic/41iVPDolGf3V1A/X/AKaKP61h69OR8UtEVc+VAgRzno0gcfyFb/jr/kStQP8AdCP+Uin+lcxqJ87XLvUx92HWbSEH0CKAf/QzXPjG1Usv7r+7mf6HLj21Vsv7r+5yf6I6PXI1bxX4ci5wZZ3PPpF/9emeMYlig0+6GQLa/gkY57Ftp/8AQql1L95480Rf+eVvcSfntFO8axGbwpqIX7yQCUe21g39K6J6wrNf1aKOqor067Xf8ooj8KRq82uuc86rKBz6BR/St1Yl85+vQd6wPA0oudLv7pfu3GoTyD6Fq6Nf9c/0Fb4V3oxfc6MG70ItddfvMDxxCv8AwheosoOVRWHPo4P9K1tqLazSDOFUkc/7NU/FyeZ4P1Rf+nZz+Qz/AEpwmz4Xmm/6dS3/AJDzSbtWk/7q/Nib5a83/dX4ORV8FQKPBmm5B5iz19STW1FEpQ9fvHv71neE02eENKHraxn81BrUh/1Z/wB4/wA6vDq1GC8l+RphVahBeS/IZLEohc8/dPeqms2iz+H7+IAkvayKOfVTV6X/AFL/AO6aV0EkLI3Rlwa0kuaLRtOPNFx7nHz6xJpvw+0u6s4ftF3cRwRxREn5mIBI/IGuj0u8ttW0uG9ts7JVzgnlT3B9weK4jwy51ObQ7Y8ppdtJLJ6by5jUH8AxroDpes6RqN2/h/7G9pdP5phuCw8tz97bjsetedh6tRpVN42St8t/v0Z5OFr1ZRVTeNkrL0Tv990xPBsav4YhlOcyXMzdf+mjVktMLPwt4rKgl/7QnhQZ6mTaB/6FXS+H9Ml0fw/ZWNwytLGTvK9Mkk/1rlG/f+JJdIH/AC3137S49USJWP64qailCjTT3tb5tW/MispU8PSi9Hbl+bVvzO0sbBLOxsrYZPkxBM59FArK8YRKttpbjPy6pb559Wx/Wuhf/Wx/jWD42IXQYpTwIryB8+n7wV2YhKNCSXRHoYpKOGkl0X5ENgi3vj7U5+qWdvHbIc9z87fzFdJ5Ke/51zngsGfT59Rb72oXEtxz6FsL+gFdNTw2tPm73f3/APAHhNaXP/Nd/e7r8DmPFUapdaO4zxqcK9fVXFP06JZPHmtHnEdvbqOfUMaPF/EenP8A3NTtj/48R/Wn6L8/jLxFJ23QJ+UY/wAa55f7wl5r/wBJZyz/AN6S/vL/ANJkQ61GqeKtAk5x9pmQ8+sX/wBapfGyhfCN3GmQ85SFee7OB/ImmeJfkvtFm/u6oif99IwqTxb+9bRrQdZtSiYj1VAWP8hTqfDVXf8AVJBV0jXj3t+KSNi2t0S3VQMBcgDPvT5IlEL9eh70+H7n/Aj/ADol/wBS/wDumu89QRYU2jr09a5vx/pkt/4PuIrOJpZg6FUXkn5gP6106/dH0ps3+qP1H86zq01Vpum+qsY16SrUpU3s1YbHAixKuCMADGabJCnydfvetT1HL/B/vVobHP8AiaNYdS0G5GflvxETn++jD+lM0GJZ/Euu3POPtSwjn+5Go/rU3jQbNHtrj/n2vreX8nA/rUfg8+ba3d12utQuJB9N2P6V5/8AzFcvz/Cx5f8AzG8n/b34cpe0Xw5baK16YGZvtdw05zxtz/CPYVoeSn2gdfu+vvU9M/5eB/u/1rthCMI8sVoejTpxpx5YKyOe8PRKuu+IIjni8D9fWNa5tUH2BLr08Rbyc9jIyn+ddPo3y+M/ESdibd/zj/8ArVza/wDJNbm67peGcfhc/wCFeXU+D0539zPEqfw/T2j+6R0HhKFJ7DUpGzifULg9e24j+lYPwtUSx6mW6q8cfX+6uK6HwId/hKCXvLLK5/GRqx/hrF5L66n92+K/lRFXnh35P8UOCvUwsvKX4o7fyU9/zpkUSlO/U9/epqZD/q/+BH+deue6MkiURP1+6e9NktkltXTB+ZCOvqKll/1L/wC6acv3R9KNwep558MB52lahK2cidI+v91QK6DxPEsd9oUozxqCp1/vI1ZXw3iEOj6qvddSZfyC1seMOLbSn/uapbn8yR/WvJoK2BV/61PEwyay2N/X8bmZqUKzeJNdUZ+TS1Tr6hzW74ZRZPCuluc5NpGTz/sispF83xX4jHX9xAn/AJDY/wBa0vB7b/B+mH0gUflxW1D+LfvzfhI3w38e/fn/AAkHigrb+G9QkGQRaygc9yuP61Z0a0WDQ7GIg5S3RevoorN8dMR4TukXrJtjH/AnUf1roYlCxIo4AUCuha135Jfi3/kdS1xL8or8W/8AIi8lPtA6/d9ak8lPf86P+Xgf7tProOo5jwhEqf2vb84t9QlQc9idw/nT/BESv4aWU5zJcTN1/wCmjUuhkW/inxHB2EsU3/fUY/wp3gUY8G2RPVg7fmxNefR+OC7KS+5pHl4f46ceymvukkXdO0SzsL6/uYFbzLuXfIS2e3T9T+daPkp7/nRH96T/AHv6Cn13Rioq0UelGEYK0VZFcW8c0DpIu5WLKQT1GSK4TwwrN4uh0q43FtGgnjye4LgKf++cV6BD9w/7x/nVG30O1tvEF3q8e77RdRqjgnj5eMj9Pyrnr0ZTnCS6PX03/NI5MRQlUqU5R6PX03/NI0aKKK6jtCiiigAoormNb8a2VnoGr3Oms813YWzyiOSCRFyOByVAIyR0NA0rnT0VzHhzUdSHiDUdF1a7F89tb29ylx5aocSbwVIUAcFDj2NN8Z6rqOnSWEdlPNZ285l868htfPKMFBRduDgMc847ds0pOyuJanU1i+M/+RD1/wD7Blz/AOimriLn4oyvoXhySGeztLy8FpPfid1GyKSRUIUE9TljnsF+ldP8RNas9L8D6tHdecWutOuVi8qB5AT5Z6lQQOo5OKq1vvsK5a8LR4k1GT+9JAPytov8a3Zv9S/+6f5VkeHisdtMxz+8MTdD/wA8Ix/StSWVTC4+b7p/hNZU1aPzf5szpK0beb/Nko+6KbN/qz9R/OkEy7R97/vk0yWVTGevUdj61oanB+HuPHjQdoLi+x7Auh/rXoEv8H+9Xn2hsE+LmqRHO1UklHH97yq72SVTs6/e/umvPwHwS/xP8NDy8t/hz/xNfdZGZ4xTzPBuqL/07sfy5/pXHxhn+Fk2oyDEs9ybw/Xzh/QV3OtRG/0G/tIQTJPbyRpkEDcVIH61hXunmz+GjafIMSQacwcAHG4Jk/qKnE0pSqSn05GvmTi6MpVZT6cjXzLbnzPiNajtHpTt+cgH9K1dVt/ten3lvjPnWzpj6giuf0a6W78YLc8nGjwDp/eYtXT+avn9/u/3TXRQtOMn3b/yOnDWqQm+7f8Akcz8M02eB7Y/3pJD/wCPkf0rql/1z/QVQ0XTrbQ9Ji0+1aRooixUuOfmYt/Wriyr5zn5ug/hNXh6bp0YQe6SNMJTdLDwpy3SSKviBPM8Namn960lH/jhrKimz8N5Zv8AqGFv/INbOoOsumXUfzfNC6/dPdTXLQ3IHwkkPOf7O2dP9jbWVZ2m3/df4GGIfLUk/wC4/wAP+HOk8PJ5fhrTU/u2sY/8dFXof9Wf94/zqrpjrHpNonzfLCg+6fQVNFKoQ9fvH+E+tdNNWgl5HZSVqcV5Ikl/1L/7pp46CoZZVMLj5vun+E04TLgfe/75NWaHMeE/D82iLq0t0gV7m8Jjwc5jB+X9Sa6uoJZVMZ+91H8J9af5y/7X/fJrKlSjSgoR2RjRoxoU1ThshZf4P96uL0exL/FjXLluVt4o8D0aRV5/JTXYSSqdn3vvehpVMKyPIqYd8bmCctjpmpq0VUcW/su/4MmtQVWUG/su/wCD/wAx7/62P8a574gwvP4F1BIkZ3/dlVQZJ/eLW80q+Yn3u/8ACacZUIwQSP8AdNXVp+0pyh3TRden7alKn3TX3lPR7IadpllZgf6i2VD9QBmtCoPNXzwefu/3TT/OX/a/75NVGKilFdC4xUYqK6HP+M+NJST/AJ53ls3/AJEFO8NfPrHiCX1vgn/fMa1H41kX/hF7thnKPAw49JVpfCMq51pzn59UmPQ9sD+lcMv97S8k/wD0pHmy/wB+S8k/wkg8W8WtjJ/zz1W3Y/nj+tP1X/SPHGhwDnyI57hh+AUH9TUfjKRR4bmlGf3VzDIOPSRaTQZV1HxFqurNkorCztzj+FOWI+rE/lRU1r+z78r+67/QKuuI9n35X913+ljpIfuH/eP86Jf9S/8Aumo4pVCd/vH+E+tLJKphcc9D/Ca9A9QlX7o+lNm/1R+o/nSLMu0fe6f3TTZZVMZ+91H8J9aAJqjl/g/3qPOX/a/75NMklU7Ov3vQ0AZPjWMy+DNSC9ViDj/gLBv6VD4IjMfg/S933pEaQ/8AAiW/rWtqMMeoaXdWbFlFxC0RbaeMgjP61HpttHpmm2NkjM620Ii3FcbsADNc3sn9Z9r05bficfsX9b9t05bfjc0aZ/y8D/d/rR5y/wC1/wB8mmeavng/N93+6a6TsMPTz5fj3Ws/x21u/wCQYViWMBm+EdypHLWskn/jzNWnNOsHjjUG5G/Slfp6MwpfDlsl34ChsnZkFzZeWWC5xuUjP615ijzycPKf4tHjKHPOUF2qfi0WvA0fleCdMHrCG/M5/rVHwPGEvvEgHQarKB+Fb2lW0el6RaWKszi3iWPdtPzYGM1DpWnW2lz6g8BkJvLprhww6MQM4reNGS9l/dWv3WOqGHkvY/3Vr91jVpkP+r/4Ef50ecv+1/3yaZFKoT+Lqf4T612HePl/1L/7ppy/dH0qKSVTE/3vun+E0qzLtH3un900AYHhfSbnSbfVVu0CfaNReaLBzlDtAP6U/wAa8eH0l/55XcD/APkQf41tyyqYz16j+E+tYfjeRT4NviM5UI/Q9pFP9K5KtNU8NKMeiZw1qUaWDnCOyT/zItJHm+Ktfc9GlhT8oh/jU/gZt3gywz2Vl/JiKreHJFfU9bl55vwvT0jWpfA8qp4WijOcpNMvQ/8APRqyofHF/wCP/wBKRjh/4kH35/8A0pB40+ey06D/AJ76hAh+m7P9K6QcCuZ8TSLNrHh+35+a9MmMH+FCa6Pzl/2v++TXRT1qzfovwv8AqdVLWtUfovwv+of8vA/3afUHmr54Pzfd/umpPOX/AGv++TXQdRy3idZtHv21+0Usgi8m9jX+JD91/qp/StHwau3wdpn+1ArfnzWlJ5M4minTfHIm1lZchgeoNLbrBa28cFvH5cUahURVICgdBXNGjy1nUT0tt5/0jkjh3DEOqno1t5u1/vt95LH96T/e/oKfUCSruk6/e9D6U/zl/wBr/vk10nWLD9w/7x/nT6hilUKev3j2PrT/ADl/2v8Avk0APooooAKKKKACoLyyt7+xntLuJZILiNo5UI4ZSMEVPRRuGxi6f4V0/TrO9gia5ka9Ty5ppZ2aUqF2gBycgAHj0qS88PW17pFvppub2GCBBGPJuXRnUDbhmBy3HrWtRQ9dwWmxk3PhjR7rTrexlsYvs9s0RiVVxt8tgyDPoCo4qPxnx4C1/wD7Blx/6KatqsXxn/yIev8A/YMuf/RTUAXNIj2aZA3/AD0jRv8AxxR/Src3+pf/AHT/ACqDS/8AkEWn/XFP/QRU83+pf/dP8qA2HD7ops3+rP1H86cPuimzf6s/UfzoA4rTodnxo1R/79grD/yGP6V2sv8AB/vVy8du6fFqWbY2x9J5bHGfMA6/hXUS/wAH+9XHhY8qmv7zODBR5VUX96X5j6parF5+n3EPXzIJF/NcVdqNxmVAemDXW1dWO6S5k0cV8P5ftN7cyHny9Ps4s/RGzXbf8vH/AAH+tcH8LYmSPV9/VJ1h/BFxXef8vH/Af61xZe28NFvz/NnnZW28JFvz/Nj6Yv8Arn+gp9MX/XP9BXcekOdd6Mp6MMV59DKf+FOmMfflAt1HqTIFr0KvOdO/e6JoemDq2syFh6rGzuf6VwYve3eLX3uKPMx3xW7xkvvcUehwp5cKIOiqBRD/AKs/7x/nT6ZD/qz/ALx/nXeensEv+pf/AHTTx0FMl/1L/wC6aeOgoAZN/qj9R/On0yb/AFR+o/nT6AGS/wAH+9T6ZL/B/vU+gBj/AOtj/Gn0x/8AWx/jT6AGf8vA/wB3+tPpn/LwP93+tPoA53xuM+D9Vx2iRvyYGk8EHzNHuZh/y2vp3/8AHz/hU3i5N/hTVx/07E/lzVX4dgnwNZO33naRj+MjVwP/AH1f4f1/4J5b/wCRiv8AB+v/AASx4vtp7zwjqcFpG0szBSiL1JDKf6Vc8OaadJ8O2dm3+sSMGQ+rnlj+ZNaEf3pP97+gp9dPso+19r1tb9Tt9hH23tutrfjcZD9w/wC8f50S/wCpf/dNEP3D/vH+dEv+pf8A3TWxuOX7o+lNm/1R+o/nTl+6PpTZv9UfqP50APqOX+D/AHqkqOX+D/eoAkpj/wCtj/Gn0x/9bH+NAD6Z/wAvA/3f60+mf8vA/wB3+tAHKa6/k+LLmTpnQpv/AB1s/wBa1vCybPDWmr6WcWf++awvGj+Rq3mdPM0i7j/QV0mhp5ekWaf3baMf+O159H/eJrt+tjy8P/vdRdv1saNMj+9J/vf0p9Mj+9J/vf0r0D1B9Mh/1f8AwI/zp9Mh/wBX/wACP86ACX/Uv/umnL90fSmy/wCpf/dNOX7o+lADZv8AVn6j+dZHjCPzPBuqL/07sfy5/pWvN/qz9R/OqPiBPM8M6mnraS/+gGsqyvSkvJmOIXNRmvJ/kYngmTzrTUZv+empuf8Ax0D+lWfCEiwaLeeawRIL243E9AA5JrP+GxL+EUlbrLdOx/Oqss7W/hDxQkf321GaFB6l2A/9mrzqVTkpU6nk3+p5NGpyUKVV/wAsn+pqaeZvEevway6mLT7XetkpGDKSMNIfbHSupqrbQLa29rBGMLHGFA9gKtV6NKHJHXd6v1PVoU3COurer9f60Gf8vA/3afTP+Xgf7tPrU3GL/rn+gp9MX/XP9BT6AGR/ek/3v6Cn0yP70n+9/QU+gBkP3D/vH+dPpkP3D/vH+dPoAKKKKACiiigApssqQxPLKwREUszE8ADvTqyYLTUrKS5uL3UZdSg2MUtFt41PrgEAZPbk0AW9M1Wy1i0N1plwtxCHaMuoI+ZTgjn0Ip+oahaaVp819qM6W9rAheWVzgKB3rlfBkt/Y6Rq63Oh31vIL26u4YpQg85XkZ1VcMecEdfWmeOtE1nxV4UQWCxQ5tZJJdPuULM8pj+RcqwGVJPXIzg9qUtFdDik5WfdnSza9pdvd2dtNeRrNfY+zpg5kyCR+gPX0qr4z/5EPX/+wZc/+imrm9Zi1WGHwmjaLdXtxp88U91LZxptVRDIhUbnBzlhxWn8Q7fUrvwHqsmnX32FV025aaN4VcuPKPHPTv09atpa27kJvS/Y6HS/+QRaf9cU/wDQRU83+pf/AHT/ACqrpiv/AGTaYf8A5YJ2/wBkVPKr+S+X/hPapKJR90U2b/Vn6j+dIFk2j5/0pkqv5Z+fuO3vQBNgbt2BnGM02X+D/eo2yf3/ANKjkV/k+f8Ai9KAJ6Y3+uT8aNsn9/8ASo2WTzk+f17UAc54Is2tG10PGyZ1WbZuXG5cDBHtXT/8vH/Af60gRx0f9KZtk8/7/wDD6e9ZUaapQUEY0KSo01TXQnpi/wCuf6CjbJ/f/SmKsnnP8/Ydq1NiavO/DA8/xs1r206a8l+heQKP0Br0HbJ/f/SuK8GWZ/4S7xRdK3/L2Ywcd9zE/wAxXDiYuVWkvP8ALX9DzcXFyr0Uu7/DX80dxTIf9Wf94/zo2yf3/wBKZEr7Dh/4j2967j0h8v8AqX/3TTx0FQyq/kvl/wCE9qcFkwPn/SgBZv8AVH6j+dPqCZX8s/P3Hb3p+2T+/wDpQAsv8H+9T6gkWT5Pn/iHapNsn9/9KAB/9bH+NPqB1k81Pn9e1P2yf3/0oAX/AJeB/u/1p9QbZPtA+f8Ah9PepNsn9/8ASgDL8SLu8NawD/z5SH/xw1W8Cp5fgjTB6xbvzJNXNYtbi60fU7eE75JrV0RcdSVIApvhuyuLHwzp1tP+7ljt0V0IHytjkVyuL+sqX939TicH9cU7acrX4o04/vSf739BT6gjV90nz/xentUm2T+/+ldR2hD9w/7x/nRL/qX/AN00yJX2cP8AxHt70SK/kvl+x7UASr90fSmzf6o/UfzpFWTaPn7elNlWTyz8/cdvegCao5f4P96l2yf89P0qORX+T5/4vSgCemP/AK2P8aNsn/PT9KY6v5qfP69qAJqZ/wAvA/3f60bZP+en6Uza/nj5/wCH0oA4n4lv5JspOm63uoz+KrXZ2KeXBGn92JB+lcP8VI3+w6Y27OZ2j6f3hiu5iV9x+f8AhXtXBR/3qr/27+R5eH/32v8A9u/kWKZH96T/AHv6UbZP+en6UyNX3P8AP/F6e1d56hNTIf8AV/8AAj/OjbJ/z0/SmRK+z7/c9vegB8v+pf8A3TTl+6PpUUiv5T/P/Ce1OVX2j5/0oAWb/Vn6j+dQ6inmaXdJ/ehcf+Omnyq/ln5+47e9K0bvGyl+GGOlJq6sKSumjlvh0m3wNYn+9NIf/H2FZT/vdVm00dZ/EXmEeqrGHP8AIV0fhbSLvRfDVpY3boJY5HJ2cjlmPX8a53ToZZvi5exE/JahrgHH8Toi/wAq8icHGhRg1rovw1PCnCUMPh6bWuif3anfP/rU/GpKgdZPNT5/XtUm2T/np+lewe8H/LwP92n1Btfzx8/8PpUm2T/np+lAAv8Arn+gp9Qqr+c/z9h2p+2T/np+lABH96T/AHv6Cn1Civuk+f8Ai9Pan7ZP+en6UAEP3D/vH+dPqGJX2HD/AMR7e9P2yf8APT9KAH0UUUAFFFFABRRRQAUUUUAFYvjP/kQ9f/7Blz/6KatqszxNZzaj4T1eytV3T3NjNFGucZZkIA/M0AWdL/5BFp/1xT/0EVPN/qX/AN0/yrm7Lxp4et7NLaTU4/NtswShUc7XQ7WGQOxBH4U668feGIbOaWbVY0jSNmZjG+FAHJ+7QB0g+6KbN/qz9R/OsFfHXhsoCNUQgjgiN/8A4morvx/4XgtzJPq8cablG5o3AyWAH8PqQKAOmpkv8H+9WF/wnPhz/oJr/wB+n/8AiahufiB4XhaATavGhklCJujcbmwTgfL14NAHTUxv9cn41h/8Jz4c/wCgmv8A36f/AOJqvL8QPC0d5BDJrESyShvLQxvlsYzj5e1AHT0z/l4/4D/WsL/hOfDn/QTX/v0//wATUH/CwPC39oC3/teLzvK3+X5b7tucZxt6ZoA6emL/AK5/oKw/+E58Of8AQTX/AL9P/wDE1BH8QPC73s0K6vGZY1UugjfKg5xn5e+DQB01Q28McUk5jRVLybmIGNxwOTWN/wAJz4c/6Ca/9+n/APiagt/H/heWSdYtXjcxybXAjf5TgHB+X0IoCx01Mh/1Z/3j/OsP/hOfDn/QTX/v0/8A8TUFr4+8MTQlodWjdRI6krG/UMQR93sQRQB0cv8AqX/3TTx0Fc3dePvDENnNLNqsaRpGzMxjfCgDk/dp6+OvDZUEamhBHBEb/wDxNAG9N/qj9R/On1zN54/8L29sZJ9XjjQMoLNG4AJYAfw+pFTf8Jz4c/6Ca/8Afp//AImgDdl/g/3qfXMXXxA8LQGHztXij8yUIm6NxuY5wB8vXirH/Cc+HP8AoJr/AN+n/wDiaANx/wDWx/jT65ib4geFo7u3ik1iJZJd3loY3y+Bzj5an/4Tnw5/0E1/79P/APE0Abv/AC8D/d/rT65g/EDwsNQWA6vF5xiLiPy33Fc4zjb0zU//AAnPhz/oJr/36f8A+JoA3V/1z/QU+uZj+IHhd72aFdXjMsaqXQRvlQc4z8vfBqf/AITnw5/0E1/79P8A/E0Abkf3pP8Ae/oKfXM2/j/wvLJOsWrxuY5NrgRv8pwDg/L6EVP/AMJz4c/6Ca/9+n/+JoA3IfuH/eP86Jf9S/8AumuctfH/AIYmhLQ6tG6h3XKxv1DEEfd7EEU658e+GYbSaWXVY0jRGZmMb4UAZJ+7QB0a/dH0ps3+qP1H86wU8d+G2jUrqiEEZBEb8/8AjtRXfj/wvb2xkn1eONAygs0bgZLAD+H1IoA6ao5f4P8AerD/AOE58Of9BNf+/T//ABNQXPxA8LQeT52rxR+ZKETdG43Ng8D5evFAHT0x/wDWx/jWF/wnPhz/AKCa/wDfp/8A4moJfiB4Wju7eKTV4lkl3eWhjfLYHOPloA6emf8ALwP93+tYf/Cc+HP+gmv/AH6f/wCJqufiB4WGoC3OsRecYi4j8t9xXOM429M0AU/iTD5um6V/2Eol/MH/AArr4/8AWN/uiuI8U+IdE1m306O11OL/AEfUIriTejj5FznHy9ea1I/iB4Xa9mhTV42ljVS6CN8qDnGfl74rlpwarzl3scdKm44ipNrR8v4XOnpkf3pP97+lYf8AwnPhz/oJr/36f/4moLfx/wCF5ZJ1i1eNzHJtcCN/lOAcH5fQiuo7DpqZD/q/+BH+dYf/AAnPhz/oJr/36f8A+JqC18f+F54S8OrRyKHZcrG/UMQR931FAHRy/wCpf/dNOX7o+lc5c+PfDMNpNLLqsaRojMzGN8KAOT92np468NtGpXVEIIyCI35/8doA3pv9WfqP50+uZu/H/he3tzJPq8caBlBZo3AyWAH8Pqam/wCE58Of9BNf+/T/APxNAG7L/B/vVkWGiPa+LNV1Z2UpeJEsYHVdq4OfqcVTufiB4XgMPnavFH5koRN0bjc2DwPl68VN/wAJz4c/6Ca/9+n/APiaiUIyab6O/wCn6mc6cZuLl0d19zX6m4/+tT8akrmJviB4Wju4IpNYiWSXd5aGN8tgc4+WrH/Cc+HP+gmv/fp//ias0Nz/AJeB/u0+uYPxA8LDUBAdXi84x7xH5b7tucZxt6VY/wCE58Of9BNf+/T/APxNAG4v+uf6Cn1zEfxA8LPezQpq8TSxqpdBG+VBzjPy98VY/wCE58Of9BNf+/T/APxNAG5H96T/AHv6Cn1zMHj/AMLyyzrHq0btHJtcCN/lO0HB+X0Iqb/hOfDn/QTX/v0//wATQBuw/cP+8f50+uZtfH3hiaJmh1aN1EjqSsb9QxBH3exFT/8ACc+HP+gmv/fp/wD4mgDfoqvYX1tqen299YSrNbXMayxSL0dSMg/lVigAooooAKKKKACiiigAqnqerWOjWf2rU7lbeHO0FsksfQAck+wq5WR4g0M61FbNBdtZ3dnL50EyorhW2lTlW4IIJpMaKPhS58OXFtNaaJOtwVmluHSWJkkBkkZycMAcZYjNWPELeH3sLnR9Yu7S0+32ssZV3VGKFSGIz6AnmmaN4cu7TVzqmsamb+7EJgj2wLEqIWDHhRySVHJ9Kl1Twnpes3txcajF53nwRQMp7CNy4IPUctz60+wixo91o+q6esukSW91Ah8vfGAcEdj71n+JX8Oy6TcQavNFDDDcQiTYmWEissqrgAkk4BwO1aen6Pb6Ze31xbfKb2VZHQABVKoqcAey1h694HbVNW/tDTtZudMmaZJ3WONJFaRU2B8MDg7eOOooA3tPn03VLGO70/yZoJM7XCY6cEYIyDnsa5zxBrng0apaWWq6hBFc2V0J1RYyQHVWGGIBAwGOcmug0LRo9C0wWkc0k7GR5ZJpcbpHdizMccDk9BWOngeJdbF299I9ml1JdpZNEmPNkDBiWxuI+djgnHPtQ99A6HRRRWk0SywxwyRuAyuqghge4NYZfwzq2qJqMN5Zyy6MJfM8t1IjDDDFv++a1tJ0yLR9FttNgdnitohGrP1IArz3W4vA0Pg2Syj8RW0E1lZyQi4tbiMTum0hkI6Nkdj3oe44q+56O0dokJmaOERqu4sVGAOuaxLiTwzbeKLW8uby0ivrm1EEEbMo8xC24ED3PT1rXkhgn0NoZnK28luUdicYUrgn8q8+b/hB9P0a8jl8QQ6lJceTGD9pSSYBCAip6Y9ven1sSneKZ6HdGwsbSS6vBBDBEpZ5HUAKPWufsdR8Jv4plks7+2lv9ShiTy1GQQm8r2wDy3B54rX8QWlje+Hbq31ScW9o0eZJiwXy8EENk8cECvPrGw8LWGt2P2LxUNQN1qKTPaxyRO01xg4ckfMFGOg44pLWVv6/r+vRv4bnpzQWyDLRRKPUqBWXZ2ejaXqlwkbRfaNWuGuBGQDlljRTj0GFBqHxrHpEvh3b4gL/AGTz4mCIhdpGDghAo5OcEY9M1k6PpPg4a1pOqeH4oradxMkawxlS/wAo3K4PKkehxQtQZ1N5PpenQiXUJLS1jY7Q87KgJ9MmsrwzJ4aMVzYaFfWd60dzNNKsciuytJIZG6dsv16UeNG0A6KkXiaJpYZJQIUjjZ5PMAJBQKM5ABOao+C7LR9KeRbC9S+m1IvdxzCIK3lqEQqcAdDjIPOaI6t/1/XUHojS1ttAvRceGtQuLeCfULR08rhWKOCmVPr1x34rXjsraKJUWCPCgAfIO1cp4jbwxbeKC/iB2klu7JIGiaEvHFGHYh2YD5MliMk9q1/DdtZWCXtjp19c3SQTDK3Epk8rcisFUn+HBB/Ghar+u4PRlDxXqHhZYG0nW7hImdo5GSGBpGXa4cZ2qccqOtbtjLp2pWUd1YeRPBIMpIigg1w/iTULTSvE1++n6/LY3U/l/aYBYC4V5NgCqpK/fK7flz7103gpbFfDMbabcS3KSSyPLJMmxzKXJcFeNp3Z47UR1VwejKuu33hKWSNdT1GyifTLtJmQOu5ZACACOvc10MK2dxbpPAkMkUihkdQCGB6EGuElv/BWm6s5kWa7vra7uWRUtmdneRiZAvGH28j2rrvDUNjB4W0+LS5jPZLbr5MjdWTHBpfZuD3sZOq6j4TTUtIv767hSSNXltisZZWRxtLNgHC+5wK6Uw2oj3mKHZjO7aMY9a8fnXw4k7i08UaqunSW5tntY7LdttQTzvK7vLG4gNnucV6zcRWjaHLFM4WyNuVds9I9vJz9KH8Nx/asc1b694KvvF0c1vqNs1+sBtVXYQjBmBGGIwSSOOea6m4WytbeS4uVgihjUs8jgBVA6kmvLrSbwu6mG91i+vRNDFbRsbHy/skQcFGbCjG44wxr0PxPDYTeF7xNVuDb2QjDyygZ2qpBzjBz0pvRXEtXYracnh6a9m1ywubacah5VvvRlZSybsAe/wAx4rXmWyt0DTpDGrMEBZQMsTgD8Sa4BL3wfrni7Tl0bUbq3uN6XRjgtXWG625C7srgH/a4+tdZ4wGm/wDCNyya1eyWFpDJHKbmPOY2VwVPAPcCjZX8/wCv1DrYi0s+HLfX9SsrK6tZNQuZ/tE9vuUsrBFQ4H0Uce9aOo3mk6RCk2pyW1tG7hFaQAZb0/SuP8NXXhK61iy07Srq5uL6xke7E8ls6mZpRJuLOVGepPPtWt49j0Y6Xay69qUumqlxthniUs29lZSuAD1BIoeiGrNk3hmbw1m50zRLqC6eKeaeRQM4MkrO2DjBAZiOM4rT1TTLDUdLu9OuljSO7geF8AAhWUqcfnXGfD6DQF1qaLRNUvLtdNha1gt57UxiGNirN8xUFznbyxzxWn4j07wnNrV3qXiKNLiS0tIkkikQsFDO2wqByWJyMD2oeiQl1OisP7Nljkt7IQy/Y2EEmFHysFBx+RB/GsrxNP4XbT57HXNQsLRUKTSI8qK4CMJBx1/hFN8D22iQadeyeGw8VtPdl3t3jMZgfYqldp5HAB/Gsbx1pfhrUodRubmY2moRgWUs0MHmPIXTKptwd3ytkelD0t/X9ajVmzs7N9Ov7VLiwa2uYH+7JFtZT+IrLkXw94lvEtoZ7eW40u8ErRJgMsiZXBHpyaueHbrTrvQreTR8C2AKhRHsKsDhgV7HIORXJ6jbeErLTZ2vJLmWW41C5eOS2RvtEcu8mTYUGcKe9D0ZKu1/Xmd39mg/54R/98CuT1LW/Bx8QWkl3exLc6e0iqVhYxqWG1gzhdoxj14ro9Fkgl0Oze0u5LyBoVKXEjbmlGOGJ9TXm946Wditnpms30mk3kcsxt7fT45ZIodxDsXPOM5weTQ9HYa1Vz08RWpj8zy4dmN27aMY9c1zf9p+D5PEFrqS6pYNczRG0hCupDAsDjjvnFazR6ePCDRrI39nfYiPMByfK2dfyrjr1fCduslotndf6Ra2y3N7DACsCA5jLH+EnPUA07e81/XUX2U/66HeXP2Gzt2nuVhjiTG52UYGTisKC68M2/jK7jS4i/tO7WOGSIxnaCgJC7sbd2GPGc1peI0sH8NXUeqs62jIqsyH5gSwCke+cVwem2NnaeLvs19rWrX1uuoB9z2saQG628KzqAxP6ZpLWVhv4bnoeoT6bpVk93qBgt4E+87qMew9z7Vh+F9Q8K6he6idBu4bma7nNxLGUKkEKqHAYA4+UfjV3xZbWt5p1rBc3L2sr3cf2aVED7ZedvB4I69a5rwwNHbW7RVkvpbtZ7mWO+mt1jjvHPDhcdhjgYA4zRHV6/1sD0X9eZ2WpXek6Ra/adUktbSHcF8ybaoye1VtGsNH0+2S0sHhlW4ea7j6NvDyF2IPcZf+VU/F9zpFnPo1xrXnFUu2EKRw+YGYxPncvoFyePSmaDoGlJrQ1vQ9RMtoYHijtY3DRRF2VmK915UcULV/12BmjrVvpF3pOo6fqDwQRSWjrcE4UxxuCpbPbvz7VJo8+j6lpySaRJbXVun7sPHhsEdj71zHitPD8/i6ODWL+7tZHtomlCj9xJGsrMgkPb5g3Xiuo0vTLKzuLu808qUvnWVvLI2cIFGMcdFoWquD3sZfiS78LyWtxpms3trbmMxzypkBl2urr+ZA4681sadPpuqWMd3p3kz27/ddU9OCMEZB9q4PX9N8N6p40u4rrVrrT7yGaKbLoBB9oEa7G3EYJ24+U8Gu28PaOuiaWLZbl7t5JHmkncAGR3YsTgcAZPQULVXf9f1/XkPfT+v6/rzTU9I0zUWtftIiU2dwtwgGB8wBHP8A30as2b2GoWUV3ZrDLBMgeOQJwwPQ9K8+vv8AhAotX1A3umy6lfXN44Ci2Z2kccOqHgEKQc+ldr4UhsbbwjpkOlStLZR2yLC7jBKgcZHY0L4bg9HYzdQ1Hwc+saddXer6YlxbPJHCouI+WdeQeeOF710UiWcVu88kcQiRS7PtGAAM5ryu6l8Errlnf2CXKxJO95NZx2W5HQKymbkfKnzZyOuOleoXxtp9DufNl8u1kt23SD+FCpyfypO6hcf27GbpsGg63qMev6XLBdH7ObcNHggKW3cjqD9a1bgWVpbyT3KwRQxqWd3UAKB3JrzdL/wco06OzfVLa7tY4le6tomiZIxgK02MDa34967vxNHYzeFr5dVmaG0MWXkQZZeQQQO5zjjvVS0TaFHVpMx9I1bwleeJrmbT7pGvb5EjKSQMivsBxtLKATyeldDfTabplo11qDW1tAmN0koCqM9Oa840TU01fxFaWWt6nqGy0uFaCK401LcPIFJQF156cgcA13Hiw6bHpkE+r+YYoLqOSOONN7SychVC985NJ7IFuV9Fm8MnWtRg0u9tbm8vJRdSxIytj5ETj2wo/OtqY2FvJEk6wo0zFYwVHzEAk/oCa4rwtdeGL/VrOHS7S80y4spbh44bqDyzKzH94M85wT0z6VseORYjS7Z7ue7guln/ANDayj3ylyrAgKeCNu7IPFKWiuC1dhfC9z4akW4sNDuI7lhPNcsGjIyZJGdipIG5dzEZGR0q/rOsaF4egWbWZre1R87d0eScdcAAniuP+Gw0+W6jI1LUrm6tbUw28N/bLAY4dwDbQvB+ZQD3GK0PiA1pb3Fpcfar2K/EEqKllarcO0J27ztYYGMDnrTlolb+v6/AcdWbXg+40ZvDVnZ+Hbxbq0sYUt1OTuAVQBuBwQce1btcf4FfRLhZLjRDco62sEEkNzHscKobY59dwY85PT2rsKclZkrVBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFY58J6KdHm037BD9nmR0b5Buw+c4bqOpx6VsUUAMEKC38grmPbs2nuMYxWSfCeinR00z7DELeNERSFAYBSCPm69hWzRQHSxWv7C31PTZ7G8TzLe4jMci+qkYqtN4e0udrZjZxI1tKs0bRoFIZenI+taVFHW4FW+0+31DyPtSlvs8yzxkHGHXof1NUj4Y0v/hJI9dSEx3sasuUYhW3DBJXoTgda16KAKt1p9veXVpcTqTLZyGSEg4wSpU/XhjVK18MaZZeIZdatYTFdyxNE4ViEIJBJ29MkqOfateijrcCm2l2j6jNevFummgW3k3HKsiliAR06sfzqtofhzTvDq3a6XG8aXU3nOrOWAO0LgZ6DCjitWigCh/Yunm6luHtkeWSdbhi3OJFUIGHodoAqax0+306OVLVNolmeZ8nOXdizH8zVmigChb6Jp9tMssVsnmJJLKjnko0hy5Hpk1NYafb6Zp0NjZpst4UCIpOcCrNFAGUnhrSk082aWqiM2hssg/N5PPyZ645NXns4JNPaydM27RmIp6qRjH5VPRRuHW5mSeHdMls5bZ7Zdk0UcMjA4Z0T7oJ9v61osivGUdQyEYKkZBFOooeu4bGLpvhTTdI1mbUbBHiaWLy/J3ZjQbtx2jtkntTpfEfhq4haKfWdKkjcYZWu4yCPzrYrxXwt/wAijpP/AF5xf+gCjpYOtzvNGbwfoV9d3On65YL9pVF8tr5GWNVzgKCeB8x4rSvNc8LahavbX2raTPC4wyPdRkH9a4eigDqtCufCnh+G5jstfsnFxMZmMt+jEHAXGSegCimX3/CE6jrEWp3eq6a91EU2t9uQA7CWXI3YOCSa5iijsB29trfhe0muZYNa0xXupfNlP2yP5m2hc9fRQPwrPk/4QmXXxrL6rppvVcSB/tyY3BNgON2M7eK5iigDt7PW/C9hHIlrrOmIJZXmf/TI+XYksevqaTSdC0D+0n1vSfKnlmMn76KbzEy7AvjBwMkc1xNdz4T/AOQGv++1AGnYWNvptjFZ2aeXBCoVF9BXNXXw30O51BroPfQBwweCC7dImDHLDaDjBPUV1tFHW4ESW0MdoLVY1ECp5YjxxtxjH0xXLRfDXQob7z1e+MXy/wCitduYSFOVGzOMA9BXXUUdbh0sQXtlb6hYTWd5EstvMhR0boRXO6b8PdH0zUlvElv7hll85I7m7eSNXxgNtJxkDvXU0UbO4dLFPVdKtNa09rO/jLxMQw2sVZWByGBHII9ax9C8DaVoF4t1by3txKm7yzd3LSiLccttBPGa6SijYNype6Za39xZz3KFpLKUzQkHGGKlfx4Y1Ba+H9LsdXl1Ozs44LqZNkjxjG8ZzyOma0qKAKL6PZS6pJfywh55YBbvuOVKAlgMdOrGk0nQ9O0OOaPSrZbaOaQyuidNxAHA7dKv0UAZx0HTXmv5JbZZTqBVrhZPmViqhRwenAFS6XpVnotgllpsIht0JKxgkhcnJ/nVyigDmbzwBod3fyXwS4t7t3Z1nt7hkaMt94rg/Lu7461u6dp9vpemwWFkmy3t4xGik5wB71Zoo6WDrc5KT4aeHnLmKO5tzIpjcw3LruiPWI8/c/2eldQbaFrQ2rRqYCnllCOCuMY/KpaKOlg63OTX4beH45N0KXUe5lMyrcvicKcqr8/MoxwDXR6hp9vqenTWN4m+CZdrAHB/A9iKs0UbqwdbmDY+D9Ns0O9rm6la4S4aa5naR2dBhck9h6VoavpNtrVj9muzIoDiRJInKPG46MrDkGr1FAGNp3hbTtN+zmISyy28kkqzTSl3Z3GGZiepNWNZ0S21u3iS4eaF4X8yGa3kMckbYIyGHsSK0aKNwMrTPDmnaT9mNpG++2ieJHdyzEOwZySepJAOabrfhuz114pLiW5t5olZBLazNExRsblJHUHA4rXoo3Aoafotjpcm+yh8s+RHb9eiR52j8Nxq/RRQAUUUUAf/2Q==)

Figura 1 - Ruído Branco Gaussiano

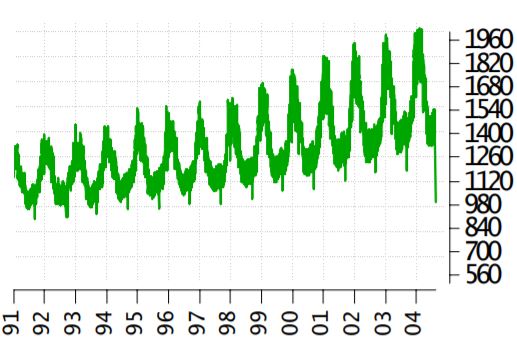


Figura 2 - Consumo Energético

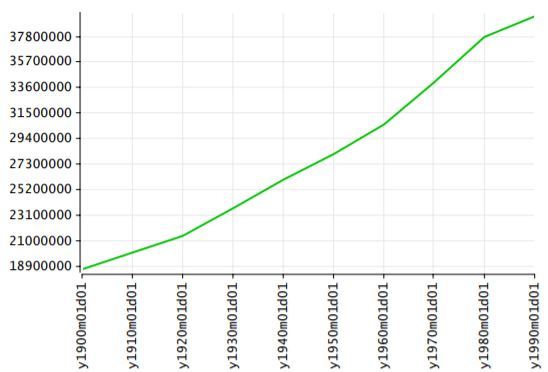


Figura 3 - População de Espanha

Ao analisar uma série temporal, espera-se que nesta exista uma causa relacionada com o tempo, que influenciou os dados e que possam continuar a influenciá-los futuramente.

## **3.2. Objetivo das séries temporais**

Segundo MORETTIN e TOLOI (1981) e CHAFTFIELD (2000), os objetivos de analisar uma série temporal são os seguintes:

1. Descrição: Determinar as propriedades de uma série como, por exemplo, o padrão de tendência, a existência de alterações estruturais e sazonalidades. Antes de modelar ou prever uma determinada série de tempo, é necessário ter uma ideia preliminar dos dados, para obter e descrever algumas das suas principais propriedades. O que terá uma enorme contribuição no processo de modelação.
2. Explicitação ou Modelação: Encontrar um modelo estatístico adequado que permita explicar o comportamento da série no período observado.
3. Previsão: Estimar valores futuros de uma Série Temporal, com base em valores anteriores.
4. Controlo de processos: Boas previsões permitem ao estatístico, tomar medidas de forma a controlar um determinado processo.

## **3.3. Técnicas para análise de séries temporais**

Entre as técnicas de filtragem mais utilizadas e simples estão a Média Móvel Simples e a Média Móvel Exponencialmente Pesada (SEMATECH, 2019), ambas utilizadas para efetuar os métodos de suavização implementados na nossa aplicação.

### **3.3.1. Média Móvel Simples**

A Média Móvel Simples (Simple Moving Average) é uma média móvel[[2]](#footnote-2) aritmética calculada adicionando preços recentes e, em seguida, dividindo-os pelo número de períodos de tempo na média de cálculo.

As médias de curto prazo respondem rapidamente a mudanças no preço do subjacente, enquanto as médias de longo prazo demoram a reagir.

A Média Móvel Simples é um indicador técnico para determinar se um preço do ativo continuará ou reverterá uma tendência e é definida através da equação:

onde:

xi – termos que representam a série original;

yi – série resultante da aplicação da filtragem;

n – ordem da média móvel.

A Média Móvel Simples é personalizável na medida em que pode ser calculada por um número diferente de períodos de tempo.

Quanto maior a ordem da média móvel, mais suave a média móvel simples. Uma média móvel de curto prazo é mais volátil, mas a sua leitura está mais próxima dos dados de origem.

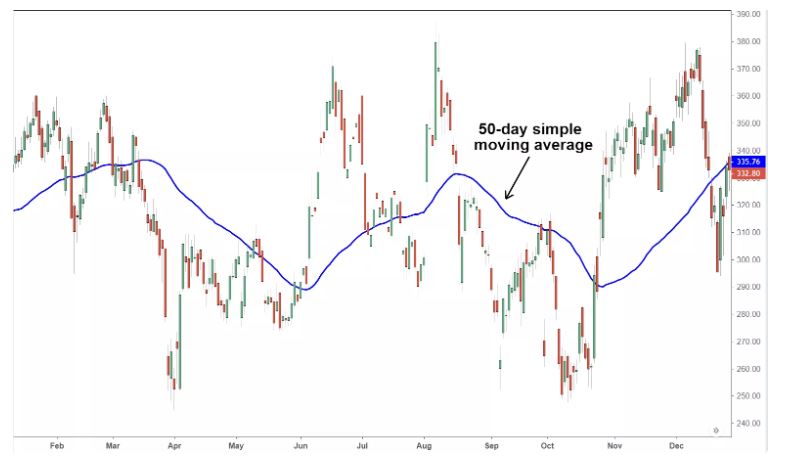


Figura 4 - Exemplo da aplicação da Média Móvel Simples

### **3.3.2. Média Móvel Exponencialmente Pesada**

Uma média móvel exponencial (Exponencial Moving Average) é um tipo de média móvel que coloca maior peso e significância nos pontos de dados mais recentes. A média móvel exponencial também é referida como média móvel exponencialmente ponderada.

A média móvel exponencialmente ponderada reage mais significativamente a mudanças recentes de preços do que uma média móvel simples (Simple Moving Average), que aplica um peso igual a todas as observações no período.

Como todas as médias móveis, esse indicador técnico é usado para produzir sinais de compra e venda com base em cruzamentos e divergências em relação à média histórica e é definida através da equação:

onde:

xi – termos que representam a série original;

yi – série resultante da aplicação da filtragem;

α – constante que varia entre ]0,1].

Todas as médias móveis comummente usadas na análise técnica são, por sua própria natureza, indicadores de atraso[[3]](#footnote-3), atrasados. Consequentemente, as conclusões tiradas da aplicação de uma média móvel a um gráfico de mercado específico devem ser para confirmar uma movimentação do mercado ou para indicar a sua força.

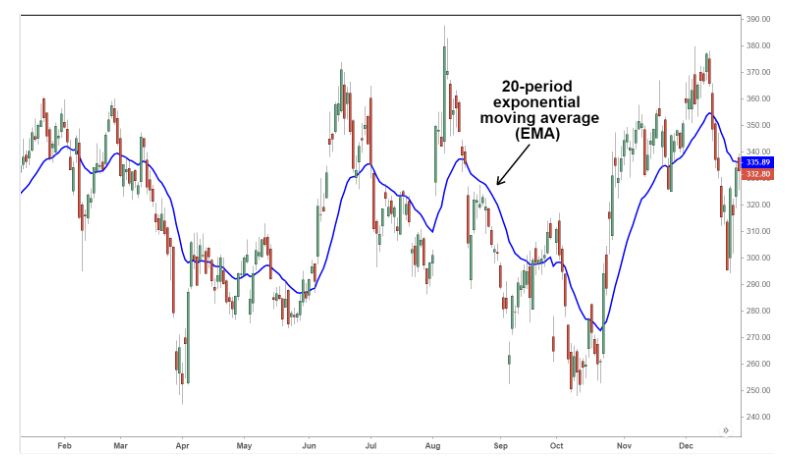


Figura 5 - Exemplo da aplicação da Média Móvel Exponencialmente Pesada

## **3.4. Previsão**

Previsão é um método usado extensivamente em análise de séries temporais para predizer uma variável de resposta como lucro mensal, desempenho dos estoques ou índices de desemprego para um período de tempo especificado. Previsões são baseadas em padrões nos dados existentes.

De forma a responder uma das tarefas propostas do enunciado que nos foi colocado, utilizamos dois métodos de previsão que foram mencionados anteriormente, contudo, com algumas alterações nas fórmulas:

## **3.4.1. Média Móvel Simples**

onde:

xi – termos que representam a série original;

yi + 1 – representa uma previsão utilizando dados anteriores;

n – ordem da média móvel.

## **3.4.2. Média Móvel Exponencialmente Pesada**

onde:

xi – termos que representam a série original;

yi+1 - representa uma previsão utilizando dados anteriores;

α - constante que toma valores no intervalo ]0, 1].

1. **Desenvolvimento e Implementação da Aplicação**

Para o desenvolvimento da aplicação, empregámos o conceito de modularização no nosso código, de modo a otimizá-lo e a facilitar a sua leitura e interpretação.

No decorrer do desenvolvimento da aplicação foi nos colocado várias opções para a implementação do método de ordenação dos dados recolhidos. Sendo eles, Insertion Sort, Bubble Sort e Merge Sort.

O método a ser escolhido teria de ser o mais eficaz, ou seja, o que demoraria menos tempo a executar e a organizar a informação que posteriormente tinha sido escolhida. No entanto, para saber qual o mais rápido, necessitaríamos de um teste para o comprovar.

![Uma imagem com captura de ecrã, texto

Descrição gerada automaticamente](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAARAAAISodpAAQAAAABAAAIXJydAAEAAAAgAAAQ1OocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEbDoWJpbyBGZXJuYW5kZXMAAAAFkAMAAgAAABQAABCqkAQAAgAAABQAABC+kpEAAgAAAAM4MAAAkpIAAgAAAAM4MAAA6hwABwAACAwAAAieAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxOToxMjozMCAxNjoyNzowMQAyMDE5OjEyOjMwIDE2OjI3OjAxAAAARgDhAGIAaQBvACAARgBlAHIAbgBhAG4AZABlAHMAAAD/4QsjaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAxOS0xMi0zMFQxNjoyNzowMS43OTY8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+RsOhYmlvIEZlcm5hbmRlczwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAIVApIDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6RooooAKKKKACiszUNZ+w69pOm+R5n9pNKvmb8eXsTf0xznp1FadABRRRQAUUUUAFFFFABRRRQAUUVleIta/sDS0vPs/2jfdW9vs37cebKse7OD035x3xjijd2A1aKKKACiiigAooooAKKo3urwWGp6dYzJI0uoyPHEVA2qVQud3Pop6Z5pdZur6y0a6udI07+072NC0Nn56w+c393e3C/U0m7K4LV2LtFNiZ3hRpE8tyoLJnO09xnvTqYBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFeK/2dYarL4ot7LSbu68T/25N/Z18bGZ47NgysGW4I8uIA5ZgrAt0IYkA+1VU0/S7PS/tP2GHyvtVw9zN8xbdI2Nzck4zgcDiktJ83l+qf6Clqref6NfqeYfEm0vNY1bUrM6DBcSw2IGnzy6BcX7zOysSYrhXSO1YEAcnOQGz0FautWUM2p6JceM9HvdY0ddMVBB9hkvkju+NzSwIrMWK5AcqQvzDKlufRaKErf16/5/ghvX+vT/AC/M888X6JqGrx+GYvBck2iLHHceRKlkY0tlMGFR0KgxA/d6Ky9sEVXuZIofhzFbaX4QlslkvVg1Ozu9MmuxEcfvJniTDXikhRvDHdu3EnaRXpdFFtX5gtP68jxeG3v9G+HPjFBbfYbe5vIVsIorCXToXWRIlIjtyzOgZtwKLl2JOF3HbRoulwSHxTP4a0iy8O+I7zSBDZafZ2E9qwRC26RJJ4YCSzOoO0AAqhLZIx63q2kWWuaa9jqcJmt3KsQHZGVlYMrKykMrAgEEEEEcVV0nwxpei3Ul1Zpcy3MieWbi9vZrqUJnO0PK7Mq55wCBnmhdb9rfgF7bf1qcP8PtIjtvE6XNkI9ORbJkns7Xwnd6Uk5JTa0skrskjpzjGW+d+SM16fRRVN3A860Ww0qDxRdP4s8P3V34gbU5HtdSm0mS6RYS5MHl3CoyRKq4G0lMMGJHOTna9pdpNfeI01zw5f6lr9xMTot7Hp0k3loUUQiK5Ubbfa4JO50wcseDk+rUVNtvS35fjpuO+t/O/wCf4a7Hj9z4NuNR8XXM2uaXNeudWsFe4MTmN4vsQWYqegRmG18cMAFbIGK6zQb+bwn8LtLkutG1S6kgRITZWVqXnQF9o/dnGFUY+gFdpRT1/r5f5fiJ628lY86+Jegya7rGmq2mzX1tHpepb0ETPH5hSPywwHBO4ZUH+JQRyARiv4Wvrbwzq1hpdleWbT32kTJJHAXffmEyzfMDvYEEszZ5B3V6/RSWj+78G3+pXM9PK/4nm2leFBqGha3oOt2EsfiJsNNrrQswvnU7oLhJSCBtYA+Vn92QQBtwS7TP7Y8W6JrPia3t/sWsNp0mm6YrFQ0Mqg+aytyBumG0HoREp713mp6Zb6vYPZ3jXCxORuNtdSW78f7cbKwHtnmpbS0t7CzhtLGCO3toEEcUUShVRQMAADoKe6af9f1t2EnZp/1/wTznQtL08+JdBn8I+H7zR5bYSf2zPPpslp50ZiI8uR2VRO5l2NuBfG1juGfmq+HvCIsdB8J6iNGli1qPVD9puWhb7QkJMwKsx+YR4K/Kfl5HFerUUPVp9v8AO5FrK3lb/g+p4NrkOmaz4i1s+ItIspLNdaWRtduLC5upLaCFo90W9IGhEZMbA/vlCh23ruDA+yX2trp2q6Vp8emahdJqDOq3Npb74LYKoOZWz8gPQdcmqM3gHw9cXM0sttdNHcSmaa0/tC4FrKxOWLW4fymyeSCuCck5zXRgYGB0ojpBR7f5JFPWTfqcF4+8NaLca9oet6p4Zg1WGK5dL6RNL+1ymMwuE3Iqs7qH28AHBIPvUfxAtNCu/hdLZw+HZboSWUg0q1i0KaRreTyyExGIiYCMgAsFxXoNFLpYcXaXMeZeK7JfFyaC0elX11ZJaXyTQ3NhNEN4gGwPHIoJG8AruGCQCOQKx08NavY+EtYttK065gWeLS5rqNreSQ3I2g3W5dytKxAw6hgzfd5zg+y0UW1b72/C/wCdyEmra7X/ABt+RwPw40tLLUNUns3S3tZY4lNhbeGrnR7dHBbMipMxDOwwGK44Vc9q1fBV1obz+IbTQdPubCS11aUXyXBJ8ydgrtIvzN8rAgjp9BXUOodGU5AYYO0kH8xyKo6Poun6DYm00q38mNpGlcs7SPK7HLO7sSzse7MSaq+vy/r+v8iunz/Qv0UUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuak1gS/EO102LVrm3EdtM0mnSaXII7sjYfMS5ZQp2bgCFJ+9z0rpa4/VdP8VXHjrT9Ws9N0d7LT4p4F83VJUklWUx/MVFuQpHl9NxznqKPtIeltS5f/EHwzpmpS2F3qDi6hl8h447WaQiTYHEfyoQXZTlV6tg7QSDRN8QPDULW6C/knlurRL2CG1tJp5ZYHzh1RELEfKc8fLxnGRWSfBGpHxTPqXn2vkya7/aQXe27y/sP2fH3cbt/OM4x3zxWFoen+IfDnjSz0rTLTTL68s/CtpBObi+kgjBWaUZUiFy3PYhadr2XV2/Jt/joO2jfb/5K35ane3Hi7RbfS7HUPtT3EGoKHtBaW8lxJOuN2VjjVnIA5PHHfFMk8a+HYNCj1m51SK3095xbmadWj8uXO3Y4YAxkEYIYDHfFYcHg3VdAfQ73Q5LLUbzTra5tZ4r2R7aOUTusjOjKshQh0GFIb5SRnIyVfwVqFzp8T3Utp9un1+HWLuNXdoowhX93GSMsQqLyQuTk4XOAuq/rql+V3f5Ea8t/wCtv89DUl8caU+i6hfWf26R7E7JYDpdz5yMV3KWh8sSbT/ext688Gn+DvFcXinQ7S58i7iuWtYpZ/N0+4t4tzLk+W0qgOM5+6W4xzzWvPp9vMt0VijjmuovKlmVBvYAEDJ6nG44z6msnwfZ67pei22la3baesdjbx28NxZ3byGfYNu5kaNfLyADgM/UjPGSLrfy/W/6A76fP9LHQE4BJ7egrlLHxLBq3ja3t7TUtQt4vsUrHTLzRJ7bz2Dp+9WWVF+7uA2jOd2a6p2CIzNnCjJwCT+Q61xUGsaf4i+KOnTaDeQ6jBYaZdJdzWsgkSB5JIdiMwOA58t/l6/KaI6yS9fyf9f8ErobU/jHRbbV49OuJ7iOWSYW6TNZzC3aU8BBPs8rdn5cbs7vl68VO3ibSI7HVruS8CQaOzpfs0bAwlUDnIxk/KQRjOc8Zrh73wH4n1LV0lvryKVYdYivlun1i7IkhS4EixfYwBChCADd82SucAtuXe1zwfc6l4oFzbzxppd8ITqsDO26QwNuj2rjB3Z2vkjKqBzTWy8/+Br+YPRu39f1ozV1bxZpOiRo9+15taLzm+z6fcXBiT+9II0Yxjg/ex0Poca0E8V1bx3FtKksMqh45EbKupGQQR1BFcT4t8LeItb124e1uVfTZrRIYVOsXdkbSTL73McAAnBBQ4d1+7jIzmtZdP8AEWk+A9N07w+2mNq1pb28DNfGQwEKFVyNoDZwDjj0zQtUS7ppf10/4JsXmrWVhfWNndzeXPqErRWybGPmMqM5GQMD5VY846VieKPGlrovhbWtRsfNubnTVli2JZzTKs6xbwH2LkJyuWyFGfvCpPFWi6jqF7oep6MLWW70i7acW91M0UcyvC8RG9UcqRvyPlOcY75qnY+FNSm8NeJtP1u5tVn16WZt9mGKxLJCseMNySuDz3xnAztEyu4u3b8dP+CXFpTjfa+v4/8AANTSfFNpqmjSX6wakggiWSZZNKuYmOVyfLR4w0n/AAAN29ai8HX76poM1w2sy6ruu51WaWwNm8IDkeUY2AOUxtyRk4yadpLeJoNCaLUNN0kXtvEiW6wajI0c5AwSzGAGMcdg9UfBuneI9HttRg1ey0tBPd3N5C1rqEkuXllZ9jBoFwBuxuGen3aqVuZ22t/X9bkRvyK+9/8AP+uw/wAI3GojWPEem6lqtxqi6feRRwTXMcKSBWt45CD5SIp+Zj2rqa5Hwzp3iey8T6xe6xp+kw2uqzJOxtdSlmeEpCkYXa0CBs7M5yMZ6Gty3/tz/hI7z7X/AGf/AGL5SfZPK3/afM/j35+Xb6Y59aXYp26Fe58W6Rba02k+ZdXF4hQSpZ2M9ysBf7okeNGWMkc/MRxz05puq+MtE0W8ktr+4nDwoHnaCzmnS3U9DK8aMsQwM5cjjnpzVGy0vxBoWuah/Zltpd9puo3v2t5J7uS3mgLBVddoidZPu5BynXB6bqrXGg+I7DVNe/sKPSri012UTvNeTyRyWjmJYmwixsJVwisBujOSRnvS15b9bfj2/PXyBb6/0u//AADW1HxpoWl34sbi7klu2t1ukt7S1luZHhYkB1WJWLLlTkjOOM4yMy3PizRLXRbPVZL0PaX2z7IYInlkuCwyBHGgLucZOACQASehrN0PwhLofiWK5hnWSxt9Dt9Lj3sTKWidzubjGCGHOc5zxWfZ+ENZ0jw/4WNg2n3GqaDA0LwzyOkM4dQrbZApZCMAg7DnkYGchvy/rV/pYP8Agflr+Oh0kfibTHTTmd7iA6nO0FrHc2c0Du6qzEFHUMvyoxywAOOOopt54t0PT7PUbu91BILfS7hLa8lkRgsMjBCoJx0xKnI4GeSMHGXreka/q8Gh6ktrpsWq6TfG6+xm9kaCUGOSLHneTuBxJu/1Z5GPesmbwRruoeGfENrqM2m/bdY1a3vwsTP5UaJ9nyhJXJIELDOMNwcLnApJO/8AXVfpf7hdV/Xf/gHSW/jXQbm31GeO8kWPTYPtNyZbWWMiHDHzVDKDIhCthkyDjgmnaV4y0LW79bPTL0zySQmeF/IkWKdBjc0UhUJIAWAOwnGecVJ4m0Maz4d1e1tI7dL++0+azS4kXGNysAGYAnbk5xz9Kkt9EgGi2dpcxQma2tPsyyqgJjygVthIyAcfoKjWz/rv/wAAdtv67f8ABK2n+NNC1TUY7KyupWkmLC3kktJo4bkr1EUzKI5eAT8jHIBI4BNQ23j7w5eXsVrbX0kjSzm2WVbSbyRMGKmJpdmxXyp+UsCcjA5Ged8L+Ar/AEi+0qPVLOK7g0s/ub0+JL+TlUZFkFnIpiUkHG3eQuTg9qv2PgzULXwjY6XJName31s6i7K7bTGbtpsA7c7trAYxjPfHNXZXXr+u5Mr2bX9aP/gD2+IVvF48vNEltNSNtb2kbq8Wi3juZTJIrcrGQY8KuGxtPOGOOOzrmdR0vW7bxn/bmhwWF4lxYpZ3EN5dvbmPZIzq6lY5N2fMYEEDoOetaerf279o07+wv7O8n7SPt/2zfu8jHPlbeN+cfe4qY/Cr7/8ABKlbmdttPy/zMfxzqXiLRdOXUdDvdMjgWWCBoLywkmYtLMse4OsyAABwcbT0688O8Q6lfaF4JupNZ1r7NesjhdT03RJpktuCRI0IMpAUA5LNt+lX/Fmj3GveHzY2bxpKbq2mzKSFxHOkjdAecIce+Ki8a2Osat4WvtL0K2sZZL+2ltpHvLt4BEHQruG2N9xGenH1qJX5XYuPK2rk194j03QNMsJdZv2JugI4XS3dmuZNhbCogJ3EKSFAz2HNV9O8d+GtVs7u7stVjNtZwLcTTSRvEixNnDhnADD5WGRnBUg4IIrPuPD+uaqvhmXUItPtJtIvGlmjgu3mV4/s0kQKsYkO7LgkEAAA8msOP4Y6lJ4bl024vraKRtF0+zjkheTie2leTORtYISVGVIbrjBArWVtWZwV0r+X5nQ6n46s/wDhFtcvtGMn2/TLGS7W21CymtmICsVYxyKjFCVI3DjgjOau6rrtzY6n4Zt4kiKatdNDOWU5VRbSy5Xng7owOc8Z+tYFh4Emu7XVYdZsVs5L7T5LFbpfEV5qbqkn3gFuEULyAeM5xV+00XxDqOraNP4ji0y3i0UvJGbK5kma5lMTRbiGjQRqFdzty/JHPGSrpL+vP/gB0+/8lb8blzTPH/hvWbizi02/kmF8SLab7JMsMrAElBKUCbwFbKZ3DB44pv8AbAn+IkWnRatcwLFZyl9Ml0uRUuGDJ+9S4ZQp27gCqkj5uelZuleDNRsfC/g7TZprUzaFdrPcsrttdRFKnyfLknMg6gd6nv8AT/FU3j6y1e207R2srOCe2XzNUlWSRJWjO/aLcgEeX93cc5+8KStza+f5afj/AJlSSW39a/8AAE1Dx/b6d44XRZbTUXt1tJJZHh0a8mYyB0A2lIyGTDHLAEZwMjoeg1XX9N0S2tbjVbg28d3cR20JMTktLIcIuACRk+uAO+KzNb0zWk8UWWuaBDYXbxWktpNbXty9uCGdGDq6xycgoRgrznqMcw+N/E194f0/T00ZLO51m8u4o4tOkLO9wm4CXywCD8qksXI2qBk0R2iut/1/y+4h7t9P+B/mdVRRRQMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoorhrj4gahDFq1+vh+P+yNGvXtr26kvwrlVYBpI4wh3bVOSGZOmBuo3dv6/rUNlc7miudk8WeXc+JYhZ7hoVuk+7zf9fuiMmOny9Md65o6pqkvxSNzomlQ3dxdeG7WQpcXfkRRKZpTy4RmJ5wMIQecle6TTdv62b/Qa1i5f1ul+p6PRXn/AIvm0vxn8FdR1a80y3lZdOuJoo7mNJWtZ1RlbaSOGVgRuHpXVaiLt/C7JYWdteyPAEaC5uWt0ZCuG+dUcjjPRfxFEtItglez7/8AA/zNaiuQ0LXNN0T4R6Zq9tpstrYRafC8NhBIZnUMAEiVmxuOSBlse+K29FudduVdtf0ux0/hTGtrqDXLEnqGzEgXHHQtnn8aas2uxPQ1KKRmCqWbgAZNc54c8Q6t4jWDUYdHtrbQ7pS9vcS3zfaXT+FjCIioDdceZkAjIB4pD6XOkorjo9L0+w+MEdxY2NtbT3mkTyXMsMKo07edF8zkDLH3NQeNPiRD4Ou5VnGjtFbxrLLBcaykF5KvcwwbDv4zgFkJII9CRapef+bX6B1a7f5J/qdxRXIeJ/HDaDrlrpkUOmRPcQeclxrOpGxhlJbb5cbiKTe44JXggMp5zxP4v8YN4WXT1khsUa9ZwbnUr42lpCVUHa03lvhmz8oKjdtbkYwTpcdrux1FFV9PuJbvTbe4nFusksauwtpjNHyM/K5Vdw9DgZ9K5j4o3VzaeBJZLKS7SVry0j/0KcwyurXEasiuGXaWBIzuHXqKHpoEfeOvork9JW+0vQL+fSfDusrdqQyWWua157T4HOyTzpwnGcA7QTjOByF0/wAeW+pW+o6nb2cqaFptq0txfy5VjKo3PEsW3J2AEMcjDfKASGwOyBJs6uiuD8NfE+01/XbPTWOkFtQjd7ddO1mO8lj2ru2zoqjyztz90uuQRnoTr6J4i1bX7r7TY6Pax6GZniS7uL5luJAhKl1hERG0sCBmQHHJA6U7Wdibo6WiuWbxrt0PWNR+wZ/szUjYeX53+sw6Jvzt4+/nHPTrWdqWp+LYvidFa6dp+nTW39mzPHFNq8sSyASxjzGUW7BXGcAfNwT8w6GU02l31/C4N2TfbT8bHdUVx/j9iNP0w6jolrqWnjULUy7tQkhkgmMyLGyKsZ8wBmzgsucdDWnrev3Vjq1lo+j2MV9qd5FJOqXFwYIkijKhmZwjnOXQABTnPYDNPX+v6/pajN2iuHl+IV0i2NrFoQl1afVX0qe1F6oSCZYWlDeZt+aMqFOdoba2dpYbTo6dd/8ACY2GpWGtWs+nXWm3v2a4TTtTmQFhGkgKTR+W5UrIuQQOcjBwDTs7XXr8tP8ANB/X5/5HT0Vxfw704w+DrXVEudQvb+5t23fb9VuJkZgxxxIzhOgGVXP1pnhi7g0jQvFd8miQafd21/cXN7Bb38lwlxP5SOzh3RSuQQMBQBjpU8ySbfRXHa9l3djt6K8/0/4k6heanawXHhxba2nmtUM328OyLcrui+QJy3B3LnA4wzdBFD8XtMl1iOESaSbOW+FkiLq6G/3mTywxtdvC7v8Ab3BeSvUBrV8vW9vnp/mieZNXXr+f+R6LRRXI+LYrTXdf0PQby3Fza/azPeW91ERBcRiGXavzjbKQ+xti7iNoYgAA0D9TrqKRVVECIoVVGAAMACloAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuD0fwNdz3Wt/27f38enXmrzXI0tGg8i4jJUqzMqebgkcrvAOMEYJB7yihaO/y/J/oD1Vv66r9TmNX8DWur6hfXH9qanZRalAsF9bWcqIlyFDBSWKF1OGx8jLkAZzzkuvBKSalDf6druq6VcR2KWDNafZ282JCSufNifByx5XFdPRSSSd/66/5sP6/L/JHN6p4Ltb/AMKr4dstRv8ASdN8l4JI7MxO0yMMMGaZHOTkncCGJJJNW/7BvBoK6aviTVBKrf8AH8I7Xziv9zHk+Xj/AIBn3rZop77htbyOb0zwTaWPhFvDd5qN/qeneUsMYumjR4UUDaFeFEORgEMctkda0NG0i70pZBd6/qWrhgoQXy248vHoYokJz33Z6VqUU763ACAQQRkHqKwNF8K/2BNGmn63qf8AZkO4Q6XKYXhiU9FDGPzcDPAMnHA6DFb9FIOljmX8Hzv4oTXD4o1jzow0awBLTyhEzhjF/qN23KgZ3bsD71VtX+HVnq8msK+sata2etndfWVtJEscreWse7cYzIOEXgPtOOQQSD19FNO1rf1/W/qHW5h674bm1xHgOvalZWUsJgms7eO2aOZTkNuMkLtyDg4YfhUl5oMsllZ2mk63qGiwWkYiVLNYH3qAAoYzRSHgDtjrzmtiikBQ0TRrTw/oltpenKy29sm1N2MnJyScYHJJOAAOeABxUPiTQIPE2ivptzc3FqrSxSrNbFd6PG6upG9WX7yjqDWrRQ9QWmxgt4bu5tFu9OvPFGs3H2rANyRbRyxr/EqGOFQNw4JxuHYg80kHgzSbWe6FqjwWN5ZrZ3Gmx7RbSqq7FYrjIYJ8mQRlQAQdoxv0UeQLTYw9F8O3OjSxj/hJNWvrSKPy47S8FuyKvQfOsQkYgDqzknvk1HpvhT+x9Q8zTdb1OCw815f7LzC9uC2SwBaMyhdxLYDgA9MDiugoo63A5O9+Htle3F7u1XVYbK9uheS2EMsaQ+eCp352bzkoCVLFck/L0xpaz4aGq6lbaja6rf6TfW0TwrcWXlEvG5UlGWWN1IyqnOMjHXk1tUUrW2/r+lp6aB/X9fn66nPeJfCj+JYYIJdf1SxhiaOQx2i2+JJI3Dq5MkTHIZQcAgcdKW/8Kfbjp9x/bWpW+qWCPEmpw+QJpEfG9XUxmIglVP3OCoIxzXQUUwOdg8E6fC+mSm4u5biwvXvzcSOpe5neNo2aT5cfdc4ChQMKAABitLTdFt9LvNTuLd5WfU7r7VMHIIV/LSPC4AwMRjrnnNaFFO/9f16IP6/r7zM07RI9J8Ox6Rp91cQpFG0cdx8jSJnJ3DKlSQT3Uj2NZOn+B/sUeqxT+ItXv4dWWT7THcLbAF3QIZAY4VIbaoAGdvtXU0VNlqvkO+xzMPgTTIZIXWe7JhezdcuvJtlKx5+XuDz+mKksPCTaVe7tM8Qara2HntMNMAt3gBZtzKC8RkCkknAfjOBgYA6Kin1v8/6+4hRSVl/X9XCue8V2l+82i6lptk+oPpl8Z5LWKREkkRoZIjsLlVyPMBwWGQDznFdDRQWnYRSWQEqVJGSpxke3FLRRQIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiquqanaaNpN1qWpS+TaWkTTTSbS2xFGScAEnj0FAFqikR1kjV0OVYZB9RWZpPiPTtau7u1sWuRPZlfPiubOa3Zd2dpAkVdwO08jI4oC/U1KKzjr+mjxMPD5uf8AiaG0+2i38tv9Tv2bt2Nv3uMZz7Vo0eYbBRRRQAUVFc3VvZw+deTxwRblXfK4VcsQqjJ7kkAepIqWgAopGYKpZiAAMkntTLa5gvLWK5s5o57eZBJFLE4ZXUjIYEcEEdxQBJRWfp+uadqt/qFnYXHm3GmzCC7TYy+W5UMBkgA8EHIyK0KACiiigAooqlrOsWPh/RrrVdXn+z2Vohkml2M2xfXCgk/gKTaSuw3LtFNilSaFJYzuR1DKcdQelV7XU7S9vb20tpd89jIsdwm0jYzIHAyRg/KwPGetPrYFrqi1RRRQAUUVnjXdObxG2gi4/wCJmtqLswbG4iLbQ27G3qMYzn2oDzNCiis/WtZttC043d2JJNzrFDBCu6SeRjhY0HdifoBySQATQBoUVR1TW9K0K1W51zUrPTYHYIst5cJEpbGduWIGeDx7U5NX02XT4L+PULV7O4ZFhuFnUxylyFUK2cEkkAY6k4oAuUUUUAFFZ+ja5p3iCzkutIuPtEMU8lu7bGXEiNtdcMAeCMZ6VoUAFFFZT+JNNTxF/YYN09+EV2WKymeONWztLyqhRM7T95h0oA1aKyNV8UaZol/a2mpNdxPdSRxxSLYzyQ73fYitKqFFJYgYZh1HrWvR0uAUUUUAFFFFABRRWfpOtWusLdC3Ekc1pO1vcQTLtkiceo9CMMD0KsDQBoUUVELq3a8a0E8ZuUjEjQhxvVCSAxXrgkEZ9jQBLRVS31Szu9SvLC3m33Njs+0R7SNm8ZXkjByPTNW6ACiiigAooooAKKKxLTxp4Wv9SXT7HxLo9zeuxRbaG/ieRmHUBQ2cjB49qPIDbooqL7TAbs2omj+0BPMMO8bwucbsdcZ4zQBLRRRQAUUUUAFFFFABRUVvdW92jtazxzqkjRsY3DBXU4ZTjoQQQR2NS0AFFVtR1G10qxe8v5fKgQqrPtLYLMFHABPUiqGqeL/DWiXn2TWvEOladc7Q/k3d7HE+09DtZgccHmgDYopFZXQOjBlYZBByCKWgAooooAKKKit7mC8hE1pPHPESVDxOGXIJBGR6EEH3FAEtFZ1nr+m3+uajo9pc+Zf6YIjdw+Ww8rzFLJyRg5APQnHetGgAooooAKKq6nqdpo+my3+oy+VbwgbmCliSSAAFUEsxJACgEkkAAk1JaXUd7ZxXMKyrHKoZRNC8TgH1RwGU+xANAE1FFFABRRRQAUUUUAFcr451HVbL+wLfRL5bGXUNWS0llaBZf3bRSk4B75UEH1AzkZB6qsDxX4TtPFsemQaiIZLWyv1u5Lee3EyXAVHXYQTj+POeenSl1XqvzKVtfR/fbT8TlNT8Q65ouk+JbaLV5b+TSr2xWLUJoYd6rK8fmROEQJlVJOdoIDj0zUfxE1yS5tPHWjR3kctvZ+GBK0C7SYpn87O7HIJQIcE9MHvXoEGiaVa6OdJtdMs4dNKMhso7dVhKtncNgG3BycjHOTUVr4a0KysZLKy0XTre0kiMLwRWiJG6EklSoGCpLE46cn1o6/12t/wQi7L+u6f/AADndJuNZ0vxhpemXusyatDqGnS3E0TW8Ua2bIYwpj2AMEbey4dnPyj5uDm9pP8AyUrxJ/16WP8A7WrW0rw9ougxSxaHpFhpscxBlSztkhDkdCQoGfxqrY+CvCul38d9pnhnR7O7jJKXFvYRRyKSMHDBQRwSPxqr3M7aFKGbUbT4lCxk1a5urG60+W6FrNHCFgdZY1ARkRWxhj95mqtFcap4i8Y61Yxa/Po8GjyQxpbWUUDSTh41fzJDLG/ykkqu0L9xuT21T4J8KHUv7RPhnRzfeb532o2EXm+ZnO/ftzuzznrmrOqeGtC1y4hn1rRdO1GaAYiku7RJWj5z8pYEjn0pLRLy/wA/x7FPeXmadcx4x/4SPNh/wj/202u5/tn9mG2F30+Tb9pHlFM7t3Rvu47109Zur+HND8QeV/b2jafqfk58r7bapN5ecZxuBxnA6elJjWhw3jGQ6/8ACuw1Ow1/VI4FntDI8kECPKRdRAtKGiwrIQT8u1cjkEV0msXM3hbwpIbrWtSv7maeOCC4aC3a4LyOqKiBUjiByeC42gnLZAxW+2n2b6adPe0gayMXkm2MYMZjxjZtxjbjjHTFUovC3h+DRpdIh0LTY9MmbdJZJZxiFzkHJTG0nIHbsKfcE9En0/r5nG+H7/XNbbxPod7qmr2ktgsDxzXKWDXke9GLRt5KvDtO0EZUNhj7GtH4V6dc2/w60KeXW769jm0q32QTJAEtv3Y4QpGrHHT5y3T1rqdN0XS9Fh8rR9Ns7CPaF2WsCxDAJIGFA4yzH6sfWobPw1oWnT3U2n6Lp1rLegi6eC0RGnySTvIHzZyevrTvul1t+F/8ye1zJ8I3GojWPEem6lqtxqi6feRRwTXMcKSBWt45CD5SIp+Zj2qv4Rm1TxEp1278QzpH9rmi/sm2ig8iII7RhHZozKX+XcTvXk9AOK2NN8G+GNGvVvNH8OaTYXSgqs9rYxROAeo3KoPNTN4Z0FtcGstomnHVAci+NpH54ONufMxu6cdelLqhvU064XXfEmraDqWt6eZjcXN7BHLoO+JQBI5WExnAywSRkckgnbJ7V3VV57Czurq3ubm0gmntWLW8skYZoSRglSeVJHBx2o667DvY5OefVtR8XS+HV8Q3OljT9LgumubeK3M147s6MxEkbKFXyxnao5fqOBVG81vWtR+Dc/iGDVptP1CztbidZ7SGEpd+VvCPtkWQbHCh/lIODwa7HV/DuieIBENe0ew1MQ5MQvbVJvLzjONwOM4HT0pNU8O6JrkEMOtaPp+oxQf6qO7tUlWPjHyhgccelH9f1/kEbKSfQy/Emq3sFvoVlZ3Js5dYu1tXvQis0A8p5CVDAruPl7RkEAtnBxis3wAoTxF4yj/taTV2j1OKN7qUxbywtogVPlKqgqQVwFBGOea6RfDGgJojaMmh6aulsdzWItIxATnOTHjb1GenWrdlptjpkXlabZW9pHhV2QRLGMKAqjAHYAAegFPS7f8AXQS0VjG8e6rfaJ4Jv9Q0qVIruHy/Ld0DqCZFByvcYJ9PqOtcvoWta/b+MIrXVNelv7IX95ZGOW1hQlYohIJCUQEvkkcYG0Dgn5j6LdWlvfWzW97bxXED43RTIHVsHIyDx1GaiTTLCO4E6WVsswkaUSCJQwdhhmzjOSBgnuKizu35f5f8H7xO7svP/P8A4B5vpPjHVp/GHhpkudVl0zxA83ljUIrFIJIxC0qyQLE3nqMqvEucK2G+bFdVaTajafEmbT5tXuryxuNOa7S3njhCwN5oUBCkasRg4+YsfetKx8K+HtLujc6ZoOmWc7P5hlt7OONi+GG7IAOcOwz6MfU1CPBHhRdSGor4Y0YXwl88XQ0+LzfMzu379ud2ec9c1el4+V/1/L9Aldp/L87/AI7HG6jrfiNrfxhqkGvSW8Xh/UDHa2kdrCUlURQuVlZlLEfOQNpQjJ5PGOh1oCb4m+Fo7kKYEtb2eEMePtAESg49Qjy49i1dE2lae0N1E1hbGO8bfcoYVxO2AMuMfMcKBk9gPSqniDQl1yzhEc5tL2zmFxZXapuMEoBGdv8AEpBZWXjKsRkdQfy+Vvys3+o+rM7xH4f1W412z8Q+G7qzTUrK3kthb6hEzwzRuysw3Kd0bfIPmAb3U8VyfinUbjxh4B0fWYr690YDWbWGa3tzBLHvW+SMyB3iJYKyllYYUjG5T0rvtV8LeH9emjm13QtM1OWNdqSXlnHMVHXALA4Ge1XJtOsrjTW064s7eWxaPymtniVoymMbdpGMY4x0pR91p9nf8bhv8/8AKxyvi251vw14Usl03WpLq/m1S1theahbxPlZZlQhkiWMEYbtg+/etTTtK163Oo2t/r813bTRobS8McK3MDkEONqxCMqPlK5VjywOQBV628PaLZafHYWekWFvZxSiaO2itkWNJA24OFAwGBAOeueatXlla6jZy2moW0N1bTLtkhnjDo49Cp4Ip/Za/rZf8EOv9eZyOj6vqo+Huv3V1qMl3e6dPqEMN1LHGHIhd1QkIqoSAo/hwah0LUNdi1Xw1JqetvfRa1p8k9xbvbRRxQuscbgx7VDgfMQQzP17V0eneEfDekef/ZPh7SrH7RGYpvs1lHH5qHqrbVGR7Gr50602whLaKM28ZjgZIwDApGCEOPl4A6egqdVr5L8L3+/QHrLsrv8AG1vu1PNPD2t+JPEuraLc2msa4sU11LLqNudKjisktlD7PKnkgy4YiMfLIzFWJG3qOt0n/kpXiT/r0sf/AGtXP6R8Jk06+06We40hjYTJML200cQahcMvP72681i27+MhRvyegJrqE0LUbfxrc6zaalarZ3kMUVxaS2bNIfL34KSiUBc7+6N0qlblSJd2yn8Rf+Rf0/8A7Dem/wDpZFXV1zvifw/qfiCexih1O0tdOt7q3upYWsmkmkaGZZAFk81QoO0DlG710VNP3Leb/Jf5FPf5f5nKeMNXuYL2w0nS5tWF9cpJOItIitTMY02gsWuj5YUFwCMFiSMYAOeYsvGHiLVPA3hS7stQhivdR1x9PmuJYI5BJCjTruZUbZuIjVso23d0+XivQtW8P6Nr8cSa7pNjqaQktGt5bJMEJ6kbgcVKuk6cscMa2FqEgmNxEohXEcpyS6jHDHc3I5+Y+tJWtr3Q76fJ/k/11OR1+78ReEvCOpyzavJqTtd28Vjcm2R7pUkeNHHlxxqjuuXKAKc8ZBxy7ws3iK5uNbuF1bVL+zESJpn9t2EdoTLtJYsiwxybQ20ZIAIJwDjNbni3w83ifQTp63EcB86OXE8HnwyhWBKSx7l3ocYK7h2rJ8M/D610O61C4uY9JIvrcWstnpelrZWjxgk5eLe+9zuIyTjbwAOcytU0/wCtBPpYb4O1DU11STTfEt1rf9ptaicW+opZmFgG2u8L2yjIDEDEhDYIOOtWoFEXxau/swG2bR43u8H+MSsIiR6kGQZ9F9q19I8OaH4f83+wdG0/TPOx5v2K1SHzMZxu2gZxk9fU0zRtEGl3F9dz3DXl9fzGSadl24UZEcar/CqqcAdzknkmn1T7X/Vfr+AujXe36P8AT8TVrzwaJfyfGDUNnirVrcvpMEqiOK05Xz5v3Y3QHKLkc/e+bljxXodZ2qeHtF1x4H1vSLDUWtyTC13bJKYicZ27gcdB09KF8Sf9bFX91rv/AJ3OBv4tVXxV48vtK1qbTDZWtvOqwQROZXW3YgOZFb5OOihT/tVq3mq65q3jDQ9K0/Vf7Ltb/Rpb65aG3jklDK8IHllwQp/eEfMrDGeM4I7I6dZFrljZ25a7ULcExLmZQMAPx8wwcc9qFsLNLmK4S0gWeGIwxSiMBkjJBKA9QuVXgccD0pRVnrt/wH/mvuJ6f13X/B+85Ce48Rx32g+G9Q1lbS6u47qSbVLSOMyTCJl8tVWSMoHZHDN8hA2ttGORnQeL9W02YJqF2b6ysNbn0+a98pFNzEto0oJ2jbvWQeWdoUEqeAciu81PSNN1uz+yazp9rqFtuDeTdwLKmR0O1gRmmjRNKGn29gNMsxZ2rK8FuLdfLhZTlSq4wpB5BHSmuv8AXX/LT8R6f18zlLTxB4i16bV10qKKzu7fSo/Ls7ggrFetJMrAvtyQPLXBxjnOOau+DdSuZbu+07VrnXDqMCRyvbaxHZho433BWRrVQhBKsOSWG3oO+9LomlTx3sc+mWciagQbxXt0IuSAAPMBHz8ADnPAFJpOhaRoNu8GhaXZabDI2947O3SFWbGMkKBk4HWnpf8Ar+v+AD1/r+v+H1L9cxpP/JSvEn/XpY/+1q6esS08F+FrDUl1Cx8NaPbXqMXW5hsIkkVj1IYLnJyefel1E1c4o654k/srUtcbXpAlj4iawisktYRFJB9sWLEhKlyQrHBVk6DOTkm/Pol/N8WbgR+LNWtTLpYlQRRWZ2r5zfu13QHKjI5OW55Y1239lad9nkt/sFr5Ms3nyR+Su15d2/eRjBbcA2euRmodW8O6Lr4iGu6PYamICTF9stUm8vOM7dwOM4HT0pRVnF9v8rfnqXJp83m/1uv8v+GOP8S634guPGtzomjDWI47OxinB0hbAvI0jONz/a2HyjYAAg6k5boA661TxZc6r4P0ye5j0S71OxuX1VIoY5TG6LF/qySyhgWOMl155DYFdbq3hvQ9f8r+3dG0/U/Iz5X2y1Sby84zt3A4zgdPSrEWl6fAbQwWNtGbKMxWuyFR5CEAFUwPlGFAwOOB6U1t/XmK+pxuuXXivRNN0CxGsW8l7ea59ka9ktlfzbZklZd6AKA4Cr93AyvoSKdrdx4l8L6Uhn1o30cut2MMN1NDEJvs8ksaSJIFjVOpYBlAOCO4zXaT2ltdNC11bxTNBIJYTIgby3AIDLnocEjI9TSXlla6jZy2moW0N1bTLtkhnjDo49Cp4Iojpr5/5afh+InZ/d/nr+P4HB+KPGGoWVv47fSdQiL6Jp0EkAVUfyJishYNx1wFOD/Wr1pJrlp4uh0W78Q3N+NR0yW5klW2gjNhIrIqtGAhwjb2AEnmH5Byec6WteCtM1DwbqXh/Sra00iO+tDa77a1UCNecfKu3IBZjjI6n1rT0fQNI8P27waHpdlpschDSLZ2yQh2xjJCgZNPT+vQWtv68jkPhtpN7bpqU0viLUrlIdYvo5LSWO2CO3nN87bYQ4Y5DcMBzwMcVnaN4j8Y61dx6nY2eqzQtqTQS2x/s8WMcKzGN+d/2neqgtz1YY2AHFd+PD2irrZ1ldIsBqjDBvhbJ55GNv8ArMbunHXpUUnhPw7NrI1ebQNLk1MOJBetZxmbcBgNvxuyABzntSjo436L/IctXJ922ef+KL+81jw3qmo33iCWwgh1lbCHSo1gWOTy7lVAdnQyM7YL/KyjBUAcEnUWDW5vi/4j/sLUNPssabYeb9tsHud/zXGNu2aPb365zkdMc9hJ4b0ObU5dSl0bT3vpkCS3TWqGWRRjAZ8ZI+VeCew9Kh1Twh4a1u8+1614e0rUbnaE867so5X2joNzKTjk8URuhvVvz/zv/wAAw/Gmvat4bvrS50ucX7z28qHSDH12Lu+0qVUuFQ4DAkghgFG/arxXmpanHpvhbTYPEqSSa1KRLriQxZceWZQIVIMYLYwu4NhQfvHmuwj02xivjexWVul2YRAbhYlEhjByE3YztB5x0qu/h7RZNHfSX0iwbTXYs1mbZDCxLbiSmNpO7np15o6f13/r/hrWX9f1/Xnuc34s1HV/DGg6XZ2d7qGp3Woagto16UtRcKrK7fIGEcG75Qo3DHPRjwcnUNb8ZaR4I1e4uRd2c8N3aJp93qsdq8zrJNGriRLdjGQNxAI2Eg9iNx7mPw7okOito8Oj6fHpb53WK2qCBsnJzHjb156Vkax8P9EvvCV14f0mwsNItbuaKWZLayQJJskRyGRdobITbz2PfpS/r8hq10VrI6xH4svvDs/iO8vFk01LoXYgt1lspDIVwoEe3awyVDqx+RuT2rfC/TLqDw+txJ4h1C9iW5u4jaTJbCNWFzIC2UiV92QTjdjJPHQDrdK0TStCtWttD0yz02Bn8xorO3WFS2ANxCgDOAOfamQ+HdEttXm1W30ewi1GcES3iWqLNIDjIZwNxzgdT2p7f1/XoTbW/wDX9dTJ8PTajD4w13S77VrnUoLeK2mgNzHCrR+Z5m5QY0TI+Udcn3rnP7e1x/Dg8Vprz7/7S+zDRFhgMBH2jyfJzsEvm45zv+9/Dj5a6+x8FeFdLv477TPDOj2d3GSUuLewijkUkYOGCgjgkfjVgeGtCXXDrS6Lpw1UnJvxaJ5/3dv+sxu+7x16cUdUw11OC1rXPEqW/jvVLbX5LaHw3OTZ2kdrCVkC20UpSVmUsyksfulWGW+Y/Lt9PQ7o1J6kZqq+k6dJDeRSWFq8d8SbtGhUi4O0L84x83ygDnPAAq2BgYHSqurJen5D639TlvG5lNvp0cyIuntqVmZZ1ctKsguYzGojwAVLYBbdlR0Vu3U1l+ItGOu6K9mlybWYSxTwThA/lyxyLIhKnG4blGRkZGeR1q9aLcpZxLfSxTXIUCWSGIxozdyFLMVHsWP1pL4bef8Al/kNk1FFFIQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGDBruof8Jo+h32nW0UD2r3Vtcw3jSM6q6rh0MahD8+eGbpW9XDTa7AfipayCx1gwx2M1k040a78oStNGQN/lbduFJ3524HWsLXtLtJr7xGmueHL/UtfuJidFvY9Okm8tCiiERXKjbb7XBJ3OmDljwclJ+6vn+f52D7TT7r8vyvc9WorzSTwgNY8U6+3ijSl1MLotkkLzwF4XuAs4dow3ylwccj5lDYyM843iKWfPg221fRI9fMOiNJdabqMFxOBKREolaOKCZw4w43OgHzMA2ciqejt/XX/AC/ESf8AX3f5/geyVXv3vY7GRtLt7e5uhjy4rmdoY255y6o5HGf4T/Wuc+Gllpem+AbGy0WSKSK3LxymO2a3xKGO9WjcB1IPHzDdwM10Oo6hDpdi93cpcvGhAK2trJcSHJxwkasx/AcUnoNGLYeMbd/AqeJdYh+wxgMJYomafDCQxhVIUFyWAA+UE5HFaOkareamZftmg6jpAQAqb17dvMz6eVK/T3x171x3hmfS734Xz6X4i0nVWt0EiXdrPo12ruskzldi+Xuc4IOUyV4JxUvhS0mu9T1HTSdW1TwnLbYEXiO0cOkzOSYl89Flkj2Ef6wNjAAY8gCv1EvgTf8AW39M6/RNZt9e05r2zSVI1uJrciUAHdFK0bHgnjKHHtjp0rQrzr4daHoegXdzY/8ACMrYa3Fd3hF2mjMitA07tGFuRHsK+WyAKH4xjHGK5+ytNRv/ABtpWqLoKWN6urMb1odAuIbiOL94n7y+d9s6EbfuqR06ACm7cyS6g9E/K57LVF9XgTxDFo5ST7RLavdK2BsCqyqRnOc5cdvWuG0/wHZa9q3i+XXrK4SaXVt2n3bgh7dRBDia23gqjbwfnUclQDnbgHijwz4btvH1rq+s+EodRs7mymjnmh0Q3rG43xlWkWONmyVDAMRjgjIyMrrG/VfpdfiN7O39a/5HS+IvFkvh24hV/Duq38M0kcKXFo9tsMjttVMSTI2c45xjnrVy41TVP+EYm1Cx8P3D6iqFotKubmGOR2BwFMis6LnrnJ/PiqPi61lutL0lbG2kkEeq2UhSOI/IiyqSSMcADr6VnfFa206+8C39pfaPLqt3LbTCwSLS5Lxo59hCsNiN5ZyeGOPrS+y/W34L/McdZpdLL82dnEzvCjSJ5blQWTOdp7jPenV514ktl8Vjwl5emX1xYLczrdw3NhNEAotJQBJHIoO0vtHzDBOOtchp3hnXLHwjdQ2Gm3dubjRtGkvkktpHa4YNL9qVk3K0r7MBkDBiuE9BWnLu+1vxITdl/X9M90orgfhxpaWWoapPZulvayxxKbC28NXOj26OC2ZFSZiGdhgMVxwq57V3cqloXVRklSAN5XPHqOR9RUPQpbj6K4bQvDes2Wt21xd6d5UMbEs//CZ6leY4P/LGWMI/0Y+/au5oA59vFnnaxcWGk6JqeqLaTCC6urYwJFBJgEqTLKjMQGBOwMOcdQRXQV5r4ojig1i9vPBS+ILPxOz/AOrg065FjfSgBR5xkj8grgAGQMrYHDdBVrxVHfaF4k+06LEBc+KYF012XkRXSgmOYjIyBGZdx6kRoKSvZf1r/X9dR9X/AF/X/APQKz9a1m30KzhubtJXSa6gtVEQBIeWRY1JyRwCwz7etcX4z8N6Va6VoNhHE32bTkaOGyl8PT6vaSLtC5kiiHDjgq5YHl+uTVbxF4cg134aaLdal4Pslu7Ca0kaxhsVkaG3WdDKkSbdwVo1J8sDODtIJ4qlbm8rr7ri6edj02ivOPE9hFc+AbKLwXpP2HSl1FHvrH+xJYw8Hzb91p+6eRdxQlR94A8MMqcT/hH55PCN5DpqzSW9xq+nH+z7Hw/daVHbqs6ea6RSMWAK8sy4UbSTySaI6u3ml99vw1/AJaK/9df8j2KivLPA/hh9F8Y2lxBpEtlEw1aKRxAyKsYu0MCdMKmzJRRgYLEDkmvQNK1r+1bzUbf+zdQs/sE/keZeQeWlxxnfEcncnvxR0X9dbDaabTNOivO/B1jpFrqcY13w/dHxb58rTapc6TJKWY7sMt2EKBCmAoDjAwuAeKybuO/t9F1fw8ujapPfT+JReq0VlIYRbteRzeZ5pAQjbwVUlgc/LgEiVrb+uq/z/ALfn/n/AJfietUVwEvguw8RfEDxNJ4i017uymtLWO3FwpMO7bIGdFPymQZA34LLnAIycuvvCEGo/EPTIdXtrnU9LtdCaF2uwXhnkEqY84Y2SNgFsMOvzAZAIE7tL1/Jv9PxE3ZX/rdf5/gd7RXlni7wvLpjaDp8UIvvDtnBPGIr7RpdXjilLAx5t4WVsKm5VYhgoGOCclo8MPd6P4KsZ1utUsI9YnkmB06ezSGAw3G2JoZCXSEErGFc7SuF5U4qoq/9f16g9F/XY9N1C9j03TLq+nVmitYXmcIAWIUEnGe/FRNqLNoq6hZ2VxeGSJZY7aIxrI4YAgDeyqDz3YCuGtvBdtdeH/GehPoNv9iF/I+k2k9qogjJtIsNCrDao8xpOV6MW75rX+HtvoFvo4TQ/D7aLciCEXofRpLFpHCnqzRqJCDu5BbGevPKtv6J/f8A1/Vwelvn+n9f8MXPD/i2bxBdyxJ4b1axihlkgluLp7XYkicFcJMzHnjIUj3rTsrzUZ9X1G3vNL+y2duyC0u/tCv9rBXLHYOU2njnr1rN8I281pbaz9qgli36tdSoHjILoWyGA7g9iOtc74Km0ix8aa5BouhX2l2eoCBrcDQLm0hZkR95JaJVU9OWxk9M1Kl7qduif4XE9G15s9EorwbS/A80WgWFw+gXYv49KtJCzwSGQXC3fU553pHwM8onAwvFaniLRL+68V61/am23uprgHTdS/4Ra71Ge3i2rsMNzDJth2sG+UqpByTkNk0tXb1/B2/4PoVKybX9bX/rzPRm8Y6el7rtq8N0smiIjzZQYmDLuAj5+Y9sHHJHqDTz4gu77wpp+teHtIk1A3ywSpayzpAyRSYJYk5GVU5wCc4wDXP6f4Un1HX77UbySW3EOrSMyNCQLyHyoMdcYHmwowYZ+6w71zep2VtH8KfCtvqXh28uNcs47JoDHos9xLaqk0RkG9Y28s7UOQSCcdDQrWV/7v47/wBeoR96/wA/8v6/U9G8W6xqHh/w5d6rpthbX/2OJ554ri7a3/dohY7SI3y3GACAOetW7i7v30VLrSbS2uLqREdILm5aFMHBOXVHIwP9nn2rn/G+sQ3Pw31MW1nqk8mp2FxBbQxaVcvKXaNgA0Yj3R5PdworQsfENnF4TgvpLbVFjjVYWj/sm684MAB/qfL8wj/a2496lt2l5W/X/gBpaLXW/wClv1LXhfWj4j8K6brDW4tjfW6zGESb/LyOm7Az9cCpdFvNRvtPM2saX/Zdx5sii3+0LNlAxCvuXj5hg47ZxXJ+CLmyb4TWlhrelagUs7JIL2zu9HuCX4wVETR5lHrtDCk+HEtrD4Wv9Lh0/UtMSG6vJY420q4tQkLzyNH5e6MAnaQQq5I44qno2NpdO9vzO9rDttcm1DxfdaZYRRtZ6bGBfXLEk+c4DJEgHcKdzE9NyAdSRyHw6sU0zX3t7DSIJbf7IRJq7+HZtLuiwYbVmaUD7QzjLFlC4KkkfMK6DwjILbxB4p0yckXS6j9sAbGXhljXYw9so6fVDTS1+V/xt/wfl2Ibf4/pf/gfM0P7bntPGI0fUYo1gvYjLp08eRuKAeZE+f4hncCOq54G3J265TxKPtvjbwpZW5zPbXM1/LjqkKwPESfTLSqPfn0p3iG60Oz8c+F21TT7mXUriS4t9OvIyfLgYx7nVxuH3lXj5W6dqS6f1/XYb/T+v8zqaKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKx9X8LaXrd7FeXi3cV1FGYlnsr+e0coSDtLQupYZGcHOK2KKAKel6VZaLp6WWmQCCBCWxksWYnLMzEksxJJLEkkkkkmrlFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVnJoOnprrawY5JL4oUV5biSRYlIAIjRmKx52jOwDOOc1o0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFVZNNs5dUg1F4FN5bxvFHMCQwRsFl46glQcHuAatUUAVbfTLO11G7v4YAt1ebBPMSSzhBhV56Ac8DAyWPUkmF9C06XXo9ZmgMt/DEYoZJJGZYVP3tiE7UJ6FlAJHBJFaFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFYp8W6QdbbSYZLq5uo5BFKbWxnmihc87ZJUQohwQSGYYBBOM0mr+MNF0K5MOpz3EQTb5s6WU0kEGcY8yVUKR9QfnYYBBPBzRuBt0Vy3iybUbDUdFvbDV7mCCbULe0msljhaGVHY5JLRlwcf3XA46Vraz4h03QFg/tKZ1kuXKQQQQSTzTEDJ2RxqztgcnAOByaSd1fzt+X+YdbeV/wA/8jTorMXxFpxOmK8k0L6q7R2kc9rLE7sqM5BVlBT5UY/MB09xSvcRa3a31ppmp3FpPbTfZ5bi2jXzIZAFYgeajKeGHO0jn16PUNDSorm/B2rz3HgS11HW7wzyqJfOuZFVSwSRlBIQAZwB0Aqey8ZaPfreC3a+E1nEJpraXTbmK42HOGWF4w7gkEZVTyMUaCTurm7RXI+CPHMfiq1YTW15FdC5uUBOl3MMOyOZ0X946bd21Vyu7O7IwCCBZ0nWBqPjfU7eLVrlore2jH9l3GlyW/lNvcGZZXUeYrbSBjK/LkHmm1Z2H3OlorAvPG+g2GoPaXV3MpilWGWcWkzW8MjEAI84QxocsOGYYyPUUzUfHvh3Sr69tLy9l8+wK/bEhs5pvsysgcPIUQhE2nO84Xg85Bwr9QOiorm/Fmo3bRaZpGjTmG51q48kXcZBMEIQvJIvbdtXCnkBmUkECrXiSyv38PFtDupYb+xAntt0hKzMgP7uXP3lYZBzzzuHIBpN2TbBauyNqisvT9fs77wnb+ICWhs5rNbwllJKIU3nIHOQO1WtL1O01nSbXUtNl860u4lmhk2ld6MMg4IBHHqKppptPoJO6uWqKKKQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDlNE0rxB4dvriytbbTLzSbi/lu/tMl3JDcRCVy7KYxEyuQzHB3rkYGBjJ57xp4E8TeJptdt47yJ7a/j2WcsmsXcC2qeWAY2tYgI5csGO5mJ+fkMFCn0yimnZp9h3d7nJeLdO8SajLpsWi2OlS29ldQXZku9RkhdmjJJTasDjB4+bd+FSarpGty63pPiLTYdOfUbS0ltbixuLh1iYSmNmKTCMkFWjGCY/mBPC11NFJabev4W/Imy/C36nK67pGuap/wAI/qtvb6emqaTdPO9m94/kSB4niKiYRbuA4OfL7Yx3o0XS/EWi6drE7xaXe6nf35u0hFxJBCqskalS+x2yNp52ndgHC5wOqop3/r7v8gava/T/AIP+Zwul6B4ut/h3e6Ex07T78I4tLq0v5ZAxeRnYMTCpj4O0Mu4jORggVL4S8J6npHie61bUNkUc9mtstv8A2vdaiyMrlt3mzgHBB6ADGO+c12tFJJJ3X9dAtpY5jwtpWtaBLcabPBYS6Ubq5uYrxLpxOfNlaXa0Jj2jBcjIk7A45wK1np/ipfiDPrNzpujpZXFrFZsI9UlaRESSR94U24BJ8z7u4Yx9412FFHVPsO+jXf8Azv8AmcDdeENefRdY8MW4006Nq1xcSPftPItxDHO5eRRCIyrMNzBW8wDoSDjBuXXg++lt/G8UU1v/AMVBAIrTc7fIRaiH95xx8wzxnj8q7Kik1ePK/QqMnGXMvX9TkPE9rcaVBoGuRwm4/sKT/S0iQsxt3jMcjKOpK8PgDJCkAZIrV8R62uneHmnsk+13V4BDp8MfP2iZwdgB/u/xFugUMTwK2qKcvevfqTG0WrHOwJa+Bfh1bwXN/bW0Wl2KQ/ars7Y96qFBbkdW7Dk5wKs+ENR1XV/B+mah4hsRYalcQB7i2CsojY/7Lcrxg4PIzg1s0U27tt9RWskgooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqNLiGSaWGOaNpYceYisCyZGRkdsigCSio7e5gvLaO4tJo54JVDxyxMGV1PQgjgipKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOOj0vT7D4wR3FjY21tPeaRPJcywwqjTt50XzOQMsfc07UPGOpxvq1xpGhw3um6NI0d5NLfGGZ2RQ8nlR+WVfCn+J0yQR05Nl/B87+KE1w+KNY86MNGsAS08oRM4Yxf6jdtyoGd27A+9SX3geC8ur5odY1Wys9SfffafbSRiG4JAVjlkMiblAB8t19eCSSlflS9fzuvlYPtN92vyt990U7nxxqE+qX1n4d0WC/WzsINQa4ub/7OjxyhyAMRud3ycDGOuWGADYuPGNzcNokHh/TIbq71iya/jS+uzbRxxKEzllSQl8yr8oXGNxyMc6cXhixg1XUr+FpUfUbSGzkjUqESOIOF2jHB/eHrkcCuH8YeBJLq80S2TSb3VdK03TTaxG2jsJ5lcFAC63o8sAqv3kUNnOeMCm7Xsv60f8AwBK/X+tv+Cdr4P1648TeFbTWLuyisXugzLDFcmcAAkD59q56dhj0JrTv9OstVsZLLVLO3vbWXAkguYlkjfByMqwIPIB/CszwhBrFv4bhi8Qkfald/LUiMOkO4+WsnlgR7wuA2wbcjjPU6Oo2k19YvBbahc6dIxGLm1WNpFwc8CRHXnpyppyGmzzczS6V+zdqEulyPZyW1ld+Q9sxjaLEr42lcbcdsVv6LJ/YejarqR0PxDZm3tTNt1nWPtYm2qzYT/SJtnTk4HUdccTW/wAPoI/B2oeGbrXNVvdPvomi/f8A2cPAGLFihSJeSWz827oMYrRg8NzjTb6x1LxDqmqQ3kBgIuktkMQIIJUxQpzg/wAWelRK/K7b2CCSUU9l/wAAz9H8YahfajpcepaJHYWur2j3NpKt75si7VRisqbAFyH4Ks/TnFYuoa/qfiGbwvqEel20GiXOrxPa3D3rG4kXZJtYw+XtUMOR+8JwRkA5A6+Hw3ZwTaPIkkxOj27W8ALD5lZVUluOThR0xWXafD+ytJbEDVdUltNNuRcWFk8yCG2+98gCoGdcNgeYWIAGCOap251bZNfg7ijf2b5t7foZOo+HbaT4o2FkdQ1xbW7027u5oY9dvUUyrLAFIAlG0ASONowOenArR8SFV8aeF1v9Gt7q3F4yWV7/AGhIs1vMYJCSYgm1htQjJc9enFdBLo1vN4kttbZ5Rc21rLaogI2FJGjZiRjOcxLjnuay9e8IS67qtrfHxJq1j9jl862htUtSkUmxkLfvIWY5V24JI56U9LRXb/NtfhYfV/10/wAzM8RfEG50XX7nTbPQ/twtWslkk+1iIk3UjRxhQVOTuXnJAxk5zwa1x8U4LbR9OluodNsdQvZ7qHy9R1QW9rGbeUxyHzymTkgbQEyc8gAEjcvfA+n3+pz39zc3jT3DWLyEMgBNpKZIzjb3Ynd7dMVGPAllDbWw07UdQsLq1uLmeG9gaMyr9okMkqEOjIyFiOCpxtXnIzRpy+d/w/4f8A6lzwj4otvFuiNf2vk5ine3l+z3Ani3oeSkgwHU5BBwDg8gHIGlqV5PY2LT2unXOpSKQBb2rRK7ZPUGR0Xj3ajTbSaxsVgutRudSkUkm4uliV2yehEaIvHThaNS0vT9ZsWs9Xsba/tXILQXUKyoxByCVYEcGk/IF5lbSNVvNSeUXmgajpIQAq17JbsJM9h5Ur9PfHWtCUSGFxCVWTadhYZAPbNZ+keGdB0B5X0HRNO0xpgBIbK0jhLgdM7QM4ya0ZFLxMqu0bMpAdcZX3GQRn6g0nsC3PO/B1wLDWLSy8XLr1p4nlQhpby+nksb+TBLmAK5gHAJEZVGUfw8Zrbg8aSz6TbMdNSPV5tTbTW05rr7kisd7b9uSoiUyj5eVx61Yt/CJGp2l/q+uaprb2LtLaxXgt0SKQqV3gQxR7jtZgN2QMkgZ5qnoOhT3HjTUPFF/p02l+dEsMFlNMjtvAw87CNmQMyqiDBJ2pyRkgVe71/r+v8AghbR/wBf10+6wX3jeWDxufDsEGlwyK0QH9p6mbWa5DjO63j8pvOA5H3h8wI4xk1PEOp+Krf4l6Pa6VZWEtrJaXbJHNqssKz48nLSKsDBSpJC/eyGPK9Ds614S/t+d11HW9RfTZHRn0sJbCBtpBA3eV5o5UHIcHPQirOueHU1m6sruLUbzTL2yLiG6s/LLhXADoRIjqVOFPK5yowanoir6mP4o8ex+Grqw0+5OkW+o3UBnf8AtPVhZ20argECUxlnbceAE6Ak7eAci6+Lif2RbXuk6Ql+JLG8vJSL5RGgtXVJQrhW3g7jtYDDcZ2gkjqtS8L/AG+4s7yHWNRsNStYTB9utfJ8yaM4JV0eNozkgNwgIPTAJBq6l4FtNYjX+1tT1C7nGnXOnNcMYld45ypZiFjC7hsAGAB6g1UfPz/W36E6XXy/S/6lnwv4jn18ail5p40+4sbkQtEJxLkNEkinIAwdsgBAyAQcEjmr+uaxb6Bod3ql4sjw2sZdkiXLv6KASBknA5IFV7Xw3bWaasLa5uo21Vg8siyANEwiWIFCBwcIDznn8qSPw1at4SHh7Ubi81O2MHkST3lwWnlH95pBg7v9oYNKXl2BFaLWdetdDv8AUtf0WxsxbWrXEcNtqTTuxVSxR8wqFPAGQWHX8X23ib7RceH4vsm3+2rV7nPm58naivt6fN9/GeOlSaf4eltrO5tNT1zUtatriLyTHfiAbVwQcNFEjEkHksTVLR/A9vpN/p93LrGq6jJpsLW9qt3LHsjiKhdu2NFB+6PmILepI4o6v5frf9P63Wun9dv+D/W1HRPHGr61DZ38XheSPS57x7OSb7VvmQh2TzViVCDFlRlmZSOTtIAJU+N9XnutX/szwvJdWuj3xtbmX7XiSYAKS0EaoxdgGyVbYOgDMc46PQtFt/D2jx6bZPK8MbyOGlILZdy56ADqx7UaTotvo8moPbPK51C7a7l8wg7XYKCFwBx8o65+tKN769vx0/4IO/T+t/8AgHJeJPinY6FrV9YI+kZ01VN0moawlnO5Kh9sEbKfMO0j7xQEkDPUjQm8Z311r0el+HNGivml0uLU0nur37PGEkZlCthHYN8oIwpByc7cDN688JmXVrnUNK13U9GlvNpuUshA6TMo2hys0UmG2gDK4yAM5xV2PQrePxJJrnmzPdyWSWTBiuwors4bAH3sue+Palrb+uz/AFsVpr/XVfpc43WPFOvarpPhLVfD1hbJbalcwSMtxqTwuWZHJiYJEwKcfez1H3a2vE9ldaj4Hu7rV/O07ULS1nmVdK1a4REYKSp3p5RfoDhlwDn6myfBdkvhPTtBt7y9t00wxNaXcbJ58TR/dblShOMggqQQTxWh/ZBm8OzaTqGoXV958MkMl1MI1lYOCP4EVAQDgYXsM5pTTcJJbtu33IpNKafT/gsztA02XS/Ccc2kfaL+9ubeOUrqmq3Eiu5UZ+eTzCg5P3V/CsTQtZsfCfwhXUtN0L7LbWcsif2dBeNNhvtLI+2WQAtliWGQOuOK6+XTH/sRNOsdQurAxxpGlzAI2lULj/nojLyBg5Xv2rBtvh9BD4Zu9Butc1W+sbl9+J/s6tE3mGRipSJerHndn2xWsnduxjHmUUinpvxCvZdZNnrOhxWEMctzBJcRX3n4khTzG2r5akrsI5ODuyNpHzGvoHxXsNb1iwsy+kbNT3fZUstYS6uYyELgTwqo8v5VOdrOA3BPeuhXwXpg1L7Y73EjG6uLlo3ZSjNNGI3UjGduBxz+JpNI8KzaN5cMHiPV59PhjMUVhcfZ3jjTGFXf5XmnaMYLOTwMk1mua2vZffbX8ditbv1f3dP+CecWniDV5PBFrbNqF6Jofs2sPcm5fe9tI6HY0hOceY0ox/cjx04rudVwfiZoJ1HRbWTC3CafqCX8nmxExAyBoNgTBxgHe3rxWmfCdifBMPhfzbj7FDbR2wkDL5hVMYJO3GTt54qrq3g+fVdeg1QeKNYs3tWZraG3S0McO5drY3wMxyP7xPXjFU/i93b+l+QSu72/rqyj4z0vT/8AhLPCOqfYbb+0P7XWD7Z5K+d5f2ec7N+M7c84zij4n6Xp914bgv7qxtpry0v7P7NcSQq0kO67hDbGIyuR1x1rR1/wjLr+o2l23iPVrEWUont4bVLXYkgVk3/vIWYkh24JI56U7xH4TfxJYwWc/iDVLSGPy2dbZbb986Orq7F4WwQyg4XaPbFJaL53/L/Iu65k/L9X/mRfEN3TwJqpbSbbVrIWsrXtrcXz2u+FULMFZEY7uMAfL16iptY12Pw14JTU4LIyRQxQqsRkISJWKrukfBKxqDlnwcKCcGl1jwvNrfhs6Nc+IdUjjkieG5uIkthLcowIIbMJUcHqiqamh0K7g0AabH4j1TzVI2X5jtvOVRj5QPJ8vHGOUJ560d/l/X9eYtLL5/p/X3FfSvEst/4Su9bl/suVIUkeNtJ1A30Mioufv+WnOQRgA9OvYJ4DsPsfg+yuJX8691GNb69uCOZppFDMT7DhQOyqo6CrOi+GbbR4b/fc3F/calL5t5c3QjDzHYEGRGqIMKoHCjpzk81F4R07UNE0g6NfjzYNPbybK635M1vj5Aw6hlHyHPXaG7kCu/y/4P6fcS76fP8A4H6/eUfDq/2T451/Q7fixMUGpQRAfLC0zSLKq9gC0e/Hq7VuW15qMuu3trcaX5FhCkbW199oVvtLMDvXyxym3A5PXPFUPDWmXkd3qOt6zEsOoam6D7OrBvs0EYIjiLDgnlmOONzsBkAE1dHsdck+IGsateNdWmkPbx2tvY3FwJBJIhJadFVmWNSCBjIY4JYDjK7L+v66f8Ab6v8Arz/VnU0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBl23iPTrvXptGja5S+hjMhSazmiVkBClkd1CuMsOVJ61qVzE/8AyViy/wCwLcf+joqw9S1fWLm38U6tB4jbSl8PzPHFZLDA0LiONZAZ96F/n3fwuny4xzyVdcqb7N/c7f5BvJrzSXzVz0OivO5NT8Ra34g1m1h1m40SCx0i0vVhgtoWkWaRZSys0iMNvyDIxnIGGHIMWpeLdRuU8LRPfajp8eo6U1/dzaLpv2yZZMRbV2eVLtjJd+dvVQMjnNNNNp/1v/kxJp2/rt/mj0misLwWmtL4Rsm8T3M9xqcil52njiRhknAKxgKOMcckdMmo/GWqXem6ZZx2FylnJf30Nm144B+zq5wXAbKlv4V3ZG5lyD0Kejt8vvH0udDRXmeua9r/AIbi8R2MOtTakbGztLuG+uIIPNgaSUo8T7EVCNq7hlAQGOSeMdLLqk9/47v9BtNVMCR6UkrfZxE0lvK0jAN8ytg7QMBgR3xSurpLr+l/8gel79Lfjb/M6K2u7e9hMtnPFcRh2QvE4YblYqwyO4III7EEVLXAfC3S7y30Wa4l8QahdRpqOoRtZzR24j3C7lG8lYlfcfvY3YyxwAMAZ+ja74kOh+Htevdee8k1HUls20xbWFI5IjI6Fgdu/eoHmEhtuEPyDrVP4lFdf1Fe1/K/4Hp9RG5gF2tqZ4xcMhkWHeN5UEAtjrgEgZ9xXA3Xi6/tPC/iC6n1GOG5tteNjaGRUUhDJGBGAR8xKs3qe9P1TRr64+LdsIvFOqWRn0q4eNYY7Q+WBLFlF3wNleQTnJ6c44qYvma81f8AC4N2T8nb8bHoFFIoKoAWLEDBY4yffiuc8W6vqGl/Zf7Ou/s/mbt//FPXep7sYx/x7uuzr/FnPboab0GtTpKgvbyLT7KW6nWZ44hllggeZz9EQFm+gBrO8MX93qOj+ffz+fL5jLv/ALKn07j/AK5TsX/HODWxQwTuZ1hr2m6lof8AbFtchbDa7NNcI0OwISHLBwCuCpzkDGKi0nxV4e164eDQ9e0zUpo13vHZ3kczKucZIUkgZ71x8X/JBdf/AOvXVf8A0ZPW/wCGY9ftvDcMuq6lp1zCLBDAlrp7wOh2AjczTOG4/wBkf0pXS5n0X/B/yGk2o93f8Lf5nT1Vv9RtdMjie9l8pZp0t4ztJzI7bVHA7k9eleeeF9a8RtZ+BdT1XXpL8+Ik2XVqbWGOFP8ARXlDptXeHzGM5YqdzYVeAK1/f3esadoOtah4hkT7Z4ghjh0dFgWFdlzt2AlPNZ1CEth8ZB4A4q5RcZqL72/GxDkuVyXa/wCDO3uvHvg+xu5bW98V6Jb3ELlJYZdRhR0YcEEFsgj0NXdR8Q6XpI08312sa6lcJbWjKrOJZHBKgFQcZAPJ496x9X/5Kl4a/wCvDUP529O8WTajp+paLeWOr3UEM2owWk1kscLRSq7HcSWjLg444YDjpUJ7X6tL8bFy92Ll5NnUUV5t458QeIbLxRe2ujauLGC0021u1j+yxyb5HumiIYsM7CvUAg8DDLzmnP4p8SRNY6HHdajezz6lfW7X1nHZrdOsBBVFE2yEMQxJ+UnahwucsBNP+uzsNxs7f1tf8j1WisHwhNrk2jyDxJbTwzx3DpC115PnSw8FWkELNGG5IO3AOM4GcVtXDTLbStaxxyThCY0kcorNjgFgCQM98HHoab0JWpJRWdpE+tTLL/b2n2FkwI8sWV89yGHfJaGPHb1/CtGgDK03xJpurapeadaNcrd2QVporizmgIViwVlMiKHUlGwVyOKW68UaBY6tHpV7rmm22oylRHZzXcaTOWOFAQnJyenHNZVj/wAla1n/ALA9l/6NuKyLsat8OLi71GF7PUvD9/qJmuIZAYr2CWeVF+RxlZgCxwhCtjaAxxin1Q5aX+X5XO7NzALtbUzxi4ZDIsO8byoIBbHXAJAz7ipa8/1TRr64+LdsIvFOqWRn0q4eNYY7Q+WBLFlF3wNleQTnJ6c44q34v1m8h1FNJ0q61oXUFp9rnOlx2IZI8lQ8jXZCbSVbhBn5TkgYqb2ipPrf8G/8hJNya7f8D/M7Wori5gs4DNdzRwRKQDJK4VRk4HJ9SQK84sPEviPxDD4ES31SOwOuaZcXF/LFbI5JVYiGj3ZCtljjO5eTlW4qfxtpWuL8ObhdW8R3AktbkEz28cA+0QmdNjShoiFZV67NoyMnI4pvT+vkHY7nU9X03RLP7XrOoWun224L513OsSZPQbmIGaraT4p8P6/NJDoWu6bqcsa7nSzvI5mQZxkhScCp9KsLjT7RorvVrzVXZiwmvEhVlGB8o8qNFxxnpnnrWL4ARpPhvpiJI0TNAwEiAFkO5uRkEZHuCKV7MDX0jX9N11r4aVc+edPu3srn92y+XMmNy/MBnGRyMj3rRrg4tX1jT/BPjWWXVZ7270Z7pbS7uIoQ42W6yLkIiocMx/h+tZGma74nXxBaC98QPdW7X1pFJb/ZIUVxPbmRxkLuCqwGwZ3Dncz8Yemnny/+TbDezf8Ai/8AJdz1OivL9G8R+Mdau49TsbPVZoW1JoJbY/2eLGOFZjG/O/7TvVQW56sMbADiu3vpZE8W6VGPENvaRvFNu0l44zJfHAw6sTuGzqdoOd3NC1Sff/K5L0NmiiigYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBhnwT4UOpf2ifDOjm+83zvtRsIvN8zOd+/bndnnPXNWbzw1oWoarDqd/ounXWoQbfJu57RHlj2nK7XIyMHkYPBrToo2Ag+w2n2ie4+yw+dcIsc0nljdKq5wrHqQNzYB6ZPrXKeJ/AEeu6hY3FsNHMFnam2jsdW0kXttGMgho4xIgRsDGecjA4xXZUUdbgYvhTw7H4W0CPTIpvNAkklOyMRRozsWKxxjIjjBOFXJwO561qXdnbX9nLaX9vFc20ylJYZkDo6nqCp4I9jU1FD13BaGfZ+H9G07S5dM0/SLG1sJt3m2kFsiRSbhhsoBg5HByOaXTNC0jRYwmj6VZaeiqVC2tukQAJyRhQOM8/Wr9FHmHSxnReHtFg1mTV4NIsI9TlBEl6lsgmcEAcuBuPAHftWV4Q8CaP4Rs4/s1jYvqQDrLqUdmkU0wZy2GYZY9hyT0FdNRRsBmS+GtCn1STUptF06S/lUJJdPaIZXUYwC+MkcDjPYU/VtA0fX4Y4td0mx1OOJt0aXlskwQ9MgMDg1oUUAIqqiBEUKqjAAGABS0UUAFVtQ02x1axkstVs7e+tZMb4LmJZEbByMqwIPIBqzRQBkWHhPw5pVvdQaXoGl2UN4nl3MdvZRxrOuCNrhQNwwTwfU0ul+E/DuhzSS6LoGl6dJKnlyPaWccRdf7pKgZHtWtRQBVj0rT4YrOKGxto47H/j0RYVAt/lK/IMfL8pI4xwSKrp4b0OPUJr9NG09by4ZXmuRaoJJGUhlLNjJIIBBPQgVpUUdbh0sRPa28l1FcyQRtcQqyxysgLoGxuAPUA7Rn1wPSs3VPCPhvXLsXWt+H9K1G4CBBNd2UcrhRkgbmUnHJ49616KAKA0HSFjVF0qyCLCluqi3TAiQ5RAMfdU8gdAelJeaBo+oWMtlqGk2N1azS+dJBPbI6PJnO8qRgtnv1rQooeu4FTTdK07RbIWej2FrYWqksILWFYkBPU7VAFW6KKACiiigDEtfBXhWx1FNQsvDOj296jl1uYrCJJFY9SGC5B560+38IeGrTVv7VtPD2lQajvaT7ZHZRrNubO5t4XOTk5OecmtiijYDP1bQNH1+GOLXdJsdTjibdGl5bJMEPTIDA4NNv/Dmh6rNbTapo2n3stp/x7vcWqSND0PyFgdvQdPQVpUUAVY9MsIntnisbZGtUZLdlhUGFWxuC8fKDgZA64FTXFvDd20tvdRRzQTIUkikUMrqRggg8EEdqkooC5R0rRNK0K1a20PTLPTbd3LtFZ26wqzYA3EKAM4A59ql/s2x/s1tO+xW/2JkMbW3lL5ZU9VK4xg5PFWaKHruGxiWXgrwrprTNp3hrR7QzxNBKYLCJPMjb7yNheVPcHg1oDSdOWQOun2odXRwwhXIZF2qenUDgHsOKt0UAZMnhPw7NrI1ebQNLk1MOJBetZxmbcBgNvxuyABzntVXUPCw1XxnpmuahdI0WkCRrG3jh2sski7XZ5CTuGOigKO53cY6CigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKK56w8W/2tqBi0rRNSvLFbhrdtTQwLAGRir8PKJCFYFSQhyQcZHNdDQHWwUUVQ1PWLfSrjTobhJWbUbsWkRjAIVyjvlskcYQ9M84oAv0UUUAFFFFABRRRQAUVnwazb3HiK90ZElFxZW8NxIxA2FZTIFAOc5/dNnjuOtaFABRRRQAUVHcPLHayvbxedKqEpFuC72xwuT0yeM1BpNzeXmkWtxqlh/Z15LErT2nnCXyXI5XevDY9RQBbooqjourQa7o1vqVokiQ3ClkWUAMOSOcEjt60AXqKwdD13UL/XdU0rVdOtrOawWKRXtrxp1kSTfjO6NCpGzpz161vUAFFYeq63PD4h07Q9KjjlvLnNxcPKCUt7ZCAzHH8TEhVHqSeQpBy/F3juXwteXkI0hryO20afVPME5TcY3VfL+6cZDZ3Z7dKFrbzv8Ah/wz+4f9fedhRXP6v4s/srUtO06HRtQ1O91CCSeOGzMI2LHs3bjLIg/jXpTdf8QarpXg+bXLTREaS2ge4ubK/vBC8caKzHDRLKrNxwM4560m7K7CKcmkup0VFRWs32mzhn27fNjV9uc4yM4qWqaadmSndXQUUUUhhRRWV4k1r/hH9FN/9n+0YuIIfL37P9bMkec4PTfn3xjigaV3Y1aKKo3urwWGp6dYzJI0uoyPHEVA2qVQud3Pop6Z5oEXqKz9evNS0/RLi50TSv7Xvo9vlWX2hYPNywB+duBgEnn0xWgMlRkYPcUAFFFFABRRWfZXmoz6vqNveaX9ls7dkFpd/aFf7WCuWOwcptPHPXrQBoUUUUAFFFZ+tXmo2Ngsuj6X/alwZo0MH2hYcIWAZ9zcfKMnHU4xQBoUVi+LdY1Dw/4cu9V02wtr/wCxxPPPFcXbW/7tELHaRG+W4wAQBz1q3cXd++ipdaTaW1xdSIjpBc3LQpg4Jy6o5GB/s8+1K618h22L9FZXhfWj4j8K6brDW4tjfW6zGESb/LyOm7Az9cCpdFvNRvtPM2saX/Zdx5sii3+0LNlAxCvuXj5hg47ZxT62EaFFFFABRRRQAUUUUAFFZPhvXP8AhIdIa++z/Z9t3c22zfv/ANVM8W7OB12Zx2zjnrWtTatoAUUUUgCiuM8NePptf1TTrKXR2sze297MWM5by/s9wIcY2DO7duzxjpz1rs6Ol/67B1sFFRNdW6Xcdq88a3EqM8cJcB3VcBiB1IG4ZPbI9aloAKKKKACiqOtatBoWiXeqXaSPBaxmR1iALED0BIH61eByM0AFFFFABRVHS9Wg1dLprZJFFrdSWr+YAMshwSME8VRi1yaHxjJoWpRIguITc6dNHkCVF2iRGz/GrMDxwVYehoWtrdf+H/IDcooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPM540tfEsc/gBPEFrez3y/bbCbT7mLTpkaQGeU+fGI0baGYNEylj2fNSa/p09t4ovfDNlCfsPjDE8jKTiHZhbsnkYDx+WFx/GxNekVnWWg6fYapdajBHK15dcSTT3EkzKuc7E3sdiZOdq4X2ojpZf16emgd2t/wCtfU4P4g6PZf2tbTRafHqMltY+TBpd74ZuNSs8Akr5bxrtgc42sxJ+ULlflGbnjnw5p2p23h3WdW8K2909pdwm/hSxW8ljgMcimMBVLSKrupwoPTOOK9Boo/zv+N/x/qw76/K34W/Dp+Nzzbxjp63PhvQF8PaWsPh6O5Y3VhJoM0saqVYIXsVMcjKH5xg4JDFSBkZcXhqS60bRbUJNfac/iRZZLOLRbjTobWD7O6sgglJYRFjzn5DvIxgkV67RQtG3/XT/ACEm19zX3pr9TzT4aeHZNC1KFxpk1kJtHQXDPEy7pFncKrE91TAC/wAK4AAGK6aXVNR8S+BdVm0Ox1HSdSaG4gtY9QhEEolAIVwCSACcEH8a6WiptePK/P8AF3GnaXN6fgrHmehaXp58S6BP4R8P3ejS2wk/tmefTZLTzozERskdlUTuZdjbgXxtY7hn5q2ii9j0fwxoB0fVRdaZrBe9kaykSGFQ8uGEjAK4O4YKFh64r1WiqerT7a/jcjlSTXlb+vM80n8L+GtI+KF7e6l4Rgmt762tmtLi30M3KpcrJKZGYxxt5bHfGSzYzjr8vHcajrf9naxpmn/2ZqN1/aDuv2m2t98NttGczNn5Aeg65NadFHYrq2eX+KE0GT4vTJ4m0u51W2OhQlLWLTp72Mt583LRxqy5GeGYcZOCOaVfCl9d23gLT9etLqSG1e5+1xB2ZUi8pvLimZSQy42qQSVbGDuB59DXSrJdafV1hxfSW62zS725jViwXGcdWJzjPNXKSS5Uv63bHP3pcy8vyS/Q5O88O+G/D3hS70+50p73SJ7hpU05NOa8jhZudqQxxttQMC3TAJPIrkVtZ9X+COg6PDp2rR3NncaXDdQNZXFtLHsmiLlSVVsKATvXgYznivWqKqLad/NP7hdLLz/E4fSvCOmW3i7xFpi6BaxeH7qxsnFp9jUWkswebedmNhfAizxnhc9qrfDTStD0W0Syh8NHTNctopIrq5GjPD5iiToLjywkgPykAMcjBxxx6DRRfW4HD6BrkF18RtXkSx1iKK+t7aOCa40a7hjZoxKXBd4wFxuHLEZzxmue0jwj9n8P6ZqjaLKuux+I3Y3LwMbiO3N7JkBiNyxGNs4GFIYnuSfWaKE7NPtb8xNXTXf/ACaOTVvsPxdlNySF1TSI0tWI4LwSSNIgPriZWx3APoa6yqt/plnqawC+hEv2adLiFslWjkU8MCOR3B9QSDkEirVLpYb1d/62see+O7SCTx14eu9St9bbT4bO8SSbR0vC6Oxh2hmtfnAO1uDwce1XfFd7axfCu+tdPttauft2nT21pG1heXFwzGNgBIGRpFye8mPrXa0VLjeLiXGTjJS7HC67qj3vw5tzY6Tc3UckkNtcxX2kXL+UnAd2tcJJMo6bRwc55ANcXNY3OmfDXxp5lm1jYST20tqtppk2nRlf3YZorcuzxnI5xhiRnAyK9uqpqml2etabLYanD51tNjfHuK5wQRyCD1Aqpa3ff/gGVtEuxxnhnTLGLxVc3/hjSrrSdGbTjDeGSwltHubjeCjhJFV3dVL5kKksXA3MQQM74f6cml+IGt9M0mG4iNo6vrU/h2bTLwEMu0TSSgfaWfqzKF5TJHzDHp9FHl/XX/Mr+vy/yPGvCOhX8eu6U+qlbHXIbgtfXMXha7Wa6IzvSS/EhikRuuT8v3cBSAA/V9HS8ju0v/C93qHildcSUaidNL+VardqyMlww2hBCFGxGLDLZX7xHsVFC0/r0/yHfW/9df8AMK4Lx94a0W417Q9b1TwzBqsMVy6X0iaX9rlMZhcJuRVZ3UPt4AOCQfeu9ooEedfEG20G5+HSWtt4cnuHNsTpMEOgzSNasAMYVYiYD0+8FPHtTPGlkni+TRJYtLvbuwNtfiWK4sZovm8r5BJG6g8uoKhhyQCOgNekUVM488XHuC0kmuh40nhrV7HwlrFtpWnXMCzxaXNdRtbySG5G0G63LuVpWIGHUMGb7vOcHp/hxpaWWoapPZulvayxxKbC28NXOj26OC2ZFSZiGdhgMVxwq57V31FXfVvv/X3ExjyxUb7CMQqknOAMnAzXnngmbSLHxtrcGi6FfaXZagLdrcDQLm0hZkR95JaJVU9OWxk9M16JRS6jep5NpHhH7P4f0zVG0WVddj8RuxuXgY3Edub2TIDEbliMbZwMKQxPck+s0UU+lv62X+QW96/9bt/qeQah4QbVPHd5c6ho1xcwyeIseZJC5RrX+zgCM9PKaQAN/CxABzjFLq9nbr8K/CsGqaBfXeu2kNi8LLo09zNahJYjKN6xt5Z2qcqSCcYwa9eoovokvL8EVdXvb+r3OQ8b6xDc/DfUxbWeqTyanYXEFtDFpVy8pdo2ADRiPdHk93CitCx8Q2cXhOC+kttUWONVhaP+ybrzgwAH+p8vzCP9rbj3rfoqWt/P+v1C7sl2v+Nv8jg/BFzZN8JrSw1vStQKWdkkF7Z3ej3BL8YKiJo8yj12hhSfDiW1h8LX+lw6fqWmJDdXkscbaVcWoSF55Gj8vdGATtIIVckccV3tFN638w5m/vueZ/D2wGma5LbabpNvJCbMh9Yfw7Npd1uDDaszSgfaGfliyhcFCSPmFY3hHQr+PXdKfVStjrkNwWvrmLwtdrNdEZ3pJfiQxSI3XJ+X7uApAA9loo6p9v8AMno13PO7Ww0iLxlfy+L/AA/dX+rSagH0+/l0mS9jjgyPKEcqoywhTnIJQhsseu45uvaXaTX3iNNc8OX+pa/cTE6Lex6dJN5aFFEIiuVG232uCTudMHLHg5Pq1FJLRLyt+WvrpuVfW/nf/genkebt4PTWPHGqv4p0pdTRdBsole4hL28k4M+8qrfKXGRg43KH4xuOakNk0mj+Df8AhN9GvtW09NEVZraWwkvNl7tj5miCsd23eAzLhTuyQWr1Oir5r/16/wCf4Im2n9eX+X4s8qs9EjT4RQ6fqen3elIuq3MsennR3vkC/apXSOW2hDb4tuOhC/dIbpnqvAy7fCMsT6Jb6bAk0qxx2envYrcJ/wA9Bbv88RPI2tk8ZyQRXV0UnrzeY+qMLwTDp9v4L02LRtJvdGsVixDYX6Ms0A3H5XDMxBzzyT1rdooobu7iirJIKKKKQzgtS8H6/c/EWw1CDxLq6WKWd0rTollm2Z3iKxKDASVIU8kMfkHzDJz3gGFAJJIHU96Win0SDrc4PxTZ2MnjTz/F+iz6zohsESzjXTH1COGcOxkLRIjlWKmPDlcYDDI6HI0+z1Pw9J4Q1LWLLUXtbNdRhMcNvLdz2sUrhrdHWMOx2xoFJ5AIAJ716nRSWisv63/zH1v/AFtY8sn8MP4g+FGvR6l4bMl+97f3dnaX1ujTRl5nZSucgMVPBB79aPFieHYfhHqZ8OaNNo1r9stDNFDpM2nyM32iHLKmxGZscBlBORgHIr1OqeqaVZa1p7WWpw+fbs6OU3suWRw6nIIPDKD+FK2iXp+A+b3+d97/AH6nnS+H4r+HxKvgvRZtM06+0KWzaOayksvtV2Q21vLkCsSFYgyFfm3Dltpxa0xz4g8SeG0fQ9SFhaaPc2t4+oae8MRd1gBiKyAFuEPONp6AnkD0eina39ev+f5CTa1/rW3+X5nnXg3QPDmgeKL60PhSOz1RdQnks7yLRGEawsu5dtysexRtJXbuHOVx67etMLz4jeG7O3Y+dZJcX1xtx8sRTylDem5nyPXy29K6qqttptpZ3l3dW8IS4vHV55Mks5VQo5PQADgDgc+poWyXZEvW/n/X/DGB4hutDs/HPhdtU0+5l1K4kuLfTryMny4GMe51cbh95V4+VunauprPfQtOl16PWZoDLfwxGKGSSRmWFT97YhO1CehZQCRwSRWhR0/r+v6+Y+oUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFU9VtLi+02WCy1G402dh8l1bpG7oRz0kVlIPQ5HTpjrVyqeq6rYaJpst/q97BY2kQ+ee4kCIueAMnuTwB3NTLYa3KfhLVJ9a8H6TqV7s+03NrHJN5YwokK/Ngduc8dq2K5zwHZG38GadcXVsYtRvbaKe+kkj2zTSlBlpCeS3Qc8jAHbFdHWkvidxadAoooqQCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiisHxV4km8Ox6Z9l01tRm1G+WyjiWZYtrMjsGJbjHyc+xJGSMEGlc3qK4u78eXOlaD4gudX0eNNQ0JUkltLS7MyTI4BRkkKKefmGCo5X0INamm61rlzqE1rqHh4WW61+0Wkn2syK3OPKmYJiOTleFMgxuwTjkEdBRXH+CQsNn4iNpolvp+oDVJnuoIb+SeO4uDGjFxI6KVByowFwMdKn0/xquqW/h02dluuNYL+fAZxmyWNT5xYgHcUkCx44+Zh0p2/T8f6/wA7Bpr8/wAP6/yudTRXDar8SodJ8VQ6VMNHkSW9isjDHrKG/RpGCqxtdn3csD9/IU5xn5abPqfi9fiZc2tnp2mTWy6crxxTaxNGhXzWAkKi3YByOCOcD+I0lrbzv+CuN6X8rfi7Hd0VxHif4k2uga9LpMcmjJPbQLNP/a2sLY7t2dqxAoxkbCnOdqjK88nHVaLq1vruh2WrWO77PewJPFvGGCsARn35oWquhbF2isLxf4l/4RbR473yIpBJcJB5lzOYLeDdn55pQreWnGN20/MyjjORi+JNe1m5+EupavpKaW1w1jcP51jq7vFHGEf95FMsILuMAgYUZ/i4zUt2i32KjHmko9zt6K57SdU1iHw1JfeIbKwthBbLKjQakZQ6hclnaSOMJ65yR154rK8OeP5fEl9qOnWMWiXd9a2y3ETabrX2q2fcxXY8oiDRtkf3G4OfaratJxITvFSO2orhvhtqXia/0l21m1s2tvt18v2kanJNMCtzIAmxoVG1cbQd/wB1RwOgtaOwPxP1gX2i21pqP9nwsL23v5JvPt/NlCKyMihGBUk43depxQ1aVh9G+3+djr6K5qLxFq2pa5d2uhaPazWNhcC2uby8vmgYyYBcRxrE+4KCOWKZPA45rpaW6uAUViT+I0svFEulahCltB9gN7BdtMMSBGxKpXHy7AUOcnIbtisyPxlqF5a6LFp+iJ/a2r2r3qWl3dNDHBApX5pJBGxDfvIxtCHliM4GaN9v63/yf3Bt/X9d0ddRXLw65ea94b1OOHSbU6jaTPZXthcX7JEDtBbEyRsSCjhgdgPPIU1V0XXbLR/hZoV5pOlGFLi3t4bDTVuC+HkwEjMrc4GeWIzgE4J4o1/L8dv+AH/B/A7KiuH8Ly6nN8T/ABG2t2dpaXH9m2AEdpdtcIV33ODuaOM568bfxrt2YKpZuABk05LlDrYWiub8OeIdW8RrBqMOj21tod0pe3uJb5vtLp/CxhERUBuuPMyARkA8Vl33xHhsPF8Gjy/2PIk16tmYotZRr6Nm4DNbBOFzj+PIU5IzlaXVLqweibfQ7iiuN1rStOg+KHhrUoLC1jv7hrlJrpIVEsqiDgM4GSBgYBNaGpeI9RHiN9D8O6VBf3cFslzdSXl4baGJHZlQBljkZmJRzgLgBTk9AVcXc6KisT/hIJI/F9joE9oqy3OnS3rypMWWMo8aFACo3A+Z97jp0545zxVJp/jL4P61f6lpNtJ5FrfNAlwizeTJEJUEikjhvlyCORnrRJ8seb+tNP0Lguaaj3/U76isS71ZdD8Gx6g7WqCK3j+e8ultoVJAALyEHauSOQCfQHpWJo/je78T6HrDaLbaTc32nyCItbav5tpIGQNuSdIicgE8FByOvenP3b+RMfeS8ztqK4/4a3/iDUPAujz63bWpWTTLd4rpdQknmuCYwd0gaJdpPU4Z+SevWjwdLGmreKXutHt9L1BL2Nr9ra+kuknYwIwcF0TbhSBgKOlVNcknF9BRvJXR2FFcZZ+Ob2a30vVbrRoYNB1aaKK0uhfFpx5pxE0kJjAUMSPuuxG4cdcQf8LB1Ax3V6PD8Y0uy1c6XPO9/iVj54hEkcYQhhlgSGZCOcZwCZ1vb+un+aH0v/XX/JnbT3ENrC01zLHDEuNzyMFUZOByfehrmBLqO2eaNZ5VZ44i4DOq43EDqQNy5PbI9a5fV4xq/wARtJ0u5O6zsbV9TaEj5ZZg6pET2ITLMB/e2nsKf8RYfL8G3esW58u/0VTqFpKByrxgkrn+667kYdwxo0sn/W9gWsuVb/ra/wDkdTRTIZBNBHKAQHUMAR6iuU+JN9ren+FHl0GKAnzIhLM969u8eZUA27Y23ZyQclcD16UPTcFqro66ivPfiBdax/wgcU2r6ZbR3ces6eY7awvDOJQLqIgb5I4gGJyMEY6c+mofGd9ZWniIazpNvBfaHYC/MFretNHNGyyFRvaJCpzEwI2nHB5p7Rcn0/yT/UaTclFdf87HXUVydj4v1GRYrzV/D0mn6VcWL3kdys/nSRBFVisyKu1CQSVw75284PFMs/GOqfadIfWNChsbDWn8uzljv/NlRyhkRZozGoQlVb7rPhsDkHNJ6O39f1oSmmro6+iuQT4hWUvheHUIoA2pS2EV4NNMhBG9xHt3lccOdvTPtRfeN5YPGx8OwwaVDIrRAf2nqZtZbkOM7rePym84DkfeHzKRx1J1sPa/kdfRRXFfEqxEmmafdR3mpWs39p2VsTZ6lPbBo5bmNHBWN1BJViMkZGeCKaTckl1aX3h0bO1ormdV1ifw3d6LoWj6dJqU1+sqQtdX7DZ5ahsySOHcjnk/M3se2B4r8Ua7d/CfxBfabYw2N/ZJd290V1F1NuYwwMkMix5c9CARH9RSVm7IEei0VzF74ovfDnhO61jxZZWNoICixpaagZlcsQq7nkjjCfMwyTkAck1n6F8SLbV31O3J0m4urGyN6P7I1Zb2F0GRtMgRSj5HQrjBBBPICk1G9+n/AA4LVJ9zt6K5Pw74t1fWzpNzc+GpLLTdWt/Nhn+0+bLCdgYCZAm1FYZ2tvJ+6CFJwK2ieONX1qGzv4vC8kelz3j2ck32rfMhDsnmrEqEGLKjLMykcnaQATTTUuV7i5k1c7WiuTPjjHh2/wBU/s//AI89YOmeV5/3/wDSVg8zO3j727GO2M96p3/j7VLe48RNZeHY7ix8OS4vLiTUBG0iCFJWMSbDucKx+Vio4XDHJCpa6/P8v80Xyu9vO3zO4orhNd1jxL/wnGgrodnYT2NxBPJEJtVlhFwNiHMirAwG3Py8tnP8NW/E/jtfDMmm2V7/AGRbalewtM41HVha2sQXaGAmaMs53MAAE5AJO3HITudhRXG2PxAXWPD+m3WiWUN5qGo3MtpFbi8Hkb4i3mv56q2YwEJDBSWyvyjJxx2oXuqweFfGk08clpfv4ms45ItKvn3EMtmpRJiIjllOM/L1696aWrXb/NL9R/1+f+R7HRXLaJFeafod/Lpeg6xDeAgxWmvayZzMQP4ZPOn2Dt256jvT9C8YjxDey/YNPlTT7SL/AEy6nYoYrjqYAmDuZRnecgA4A3HOFdf1/X9fMWp01Fc34a8Q6v4jittSTR7a10S8j822nlvmNy8Z5RjCItq7hg48wkAjIzkDnofi9pkusRwiTSTZy3wskRdXQ3+8yeWGNrt4Xd/t7gvJXqAa83L1Dpc9Forhrj4gahDFq1+vh+P+yNGvXtr26kvwrlVYBpI4wh3bVOSGZOmBuqLV9U8VxfFSwtdMstPmtG0u6kiim1aWJJgJIB5jqIGCuu7AHzcM3I6Ej71rdf8AK4d/L/Ox31Fcd8QXYaFZnU9EtNS0/wC2WpuUbUZIHhkM8axsgWM+YAzZ5KdO+a1dc165sNSsdK0ixjvtTvUkljjnuDBEkce3ezSBHI5dQAFOSewyaAszcoriJfiFcw28MJ0Pfqv9sDR7izju1KRyGIyq6yFRuQrtPKq2CeMjadvw5r13q0+p2ep2EVlfaZcLBMlvcmeJt0ayKVcohPDjIKjBHej+vy/zQf1+n6G5RUdxOttbSzyCQpEhdhHG0jEAZ4VQSx9gCT2rmPBlrZ3c+qeIBbRG8vb2VBcug88QqQqxt/EmNv8Aq2wVP3lDZFC1dgd0rnV0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAVyvjrQtR13+wE0qWa3a11aO4muYDFvgjEUilwJAynlgMbT16V1VFHVDTtf5r79Dm5PBFjcaDqWnX17fXcuqY+2X8rp58u3G37qBFAAAAVQOpxkknfuIXmtJIYp5LZ3Qqs0QUvGcfeG4Fcj3BHtUtFG4loc94e8KSeH7+7uf8AhIdU1EXkhmmhu0tgjSEKN/7uFGBwgGM49s1PpfhWw0nXr/VrZpmmvST5bldkG47n8sAAje3zNknJraoo/wCGDpY4/wD4VzZbxGdY1b7AmojU49PEkQhjn87zs5Ee9gXz8rMw54wQpGpq3hr+0tXh1Oz1fUNIvI4TbtLZCFvNjLBgrLLG44IJBAB5PNblFHby/wCG/LQDA1Hwr9q1h9T03W9S0e6miWK4ay8llnC52FlmjcAjJGVAJBwc4GNyCNoreOOSV52RQrSyABnIHU7QBk+wA9qfRR5AUdVsLnUbVYrTVrzSnD7jNZpCzMMfdPmxuuPwzx1qlp3hTT7DQb3SZDLeRai0r3sk+0PcNLw7MEVVBI/uqB+OTW3RSstR32fY5o+DFn8L3Wg6nruq6ja3EaxpJceQJLcL90qUiXJBAPzhs4575s6T4XXTNYl1W51bUdTvpbcWzS3jRgbAxYAJGiKMEnkAZ75rcop9bk2VrGHpHhgaJqE8tjq1+LKaWWb+zXEJgR5GLuyny/M5YscbyOTxjAqrbeDprfxS2ut4n1iaeRFhkhkS08t4lZmWM7YA2AXbkENz1rpqKOqfYffzOfPhTydan1DS9b1PTFuplnubS3MLwzOMAsRLG7LuAAOwrnGevNdBRRR0sBi+JfCth4pt7eHUXnjWCQtmBgpdWUq8bZByjKxBHB9CCAaNZ8Mxatd2d7b395pV/ZK8cN3YmPcI3xujKyI6MpKqeVyCowRW1RQBhReFxa6HJYafq+oWk80xnuNQTyXnnc/eLeZGyc8DAUAAALgDFUrPwHb2vhOPw/JrOqXNvbNE1nPKYVltDEQYyhSJQcFQfnDZ6HI4rqqKNv67bfcBh6J4Wg0XVr3UzqF/qF9fxRRXE15IrbhGX2kKqqqf6w8KAvGcZJJ3CAQQRkHqKKKHruBgaL4V/sCaNNP1vU/7Mh3CHS5TC8MSnooYx+bgZ4Bk44HQYrPg+HdpBJEg1nVmsYL86hBYF4hDFMZjKeRGHYbi3DswwfUAjr6Kd2ncHqmu5zOreD59V16DVB4o1ize1ZmtobdLQxw7l2tjfAzHI/vE9eMVZ1Pwst9q/wDathq2oaPftAtvNPZGI+fGpJUMksbpwWbBCg/MRnHFbtFIDA1Xwomp31lfpq2oWOoWcD232u1MQeaNypdWDRsvJRTlQpB6EVVn8CW7+D/+EastY1SxsGEySmJ4pJJklLFlZ5Y3P8Z5GG9STzXU0UPVWYLR3W5zlx4OF54ftdNu9c1OWWzuY7m2vyLcTRMn3cARCMgDI+ZD1+lWtF8NQaNJfzNe3moXGosrXM146kuVXaMBVVV4xwoA9utbNFD1vcSSRhaB4Ybw7Ymxtda1GeySIQ2tvOICtog4UIREGOBgDeW6DOar6L4OfR9YvNQfxHq2oG+YPdQ3aWvlysECAny4VIwqgYBA45BrpaKN9xnLad4DtdPaziOrandabp7iSy0y4eMwW5X7mCEEjBM/KHdgMA9QCLB8F6cdFvNM8668m71L+0pG3ruEvnibA+XG3coGMZx3710NFHn/AF/WiHf+v69Wc/r2lXp1zS9e0dRLdWZa3uLdn2i4tpCu8AngMpVXGeu0rkbshfFmmXuvWsGiwRKun3j/APExuGYfLApBMYXqTJ930C7j1wDv0UCADAwOlUda0i313RbnTLxpEiuE2l4m2uhzkMp7EEAjryKvUUbhsc/ceFPt+irp2sa1qOpBLyG7WecQJIDFIsip+7iVdu5OeM8nnpiTUPCdjqM+tSzy3CtrWnpp9wEZQEjUSAFMjhv3zcnI4HHruUUPVWGm07r+upVTTrddIXTZF822EAt2WTnem3bg/UVi6b4LhsLqykudY1PU4NOJNja3rxMlsdpUEFY1dyFJUGRmOCT15rpKKOtybWVjlF+HmkrbwRfaLxvJvxehmdCxw4cQn5f9UGVeBg/KOeubWteEv7fnddR1vUX02R0Z9LCWwgbaQQN3leaOVByHBz0IroaKFoPpYKwPE/hU+J0t45Nb1LToYJY5xFZrBhpI3DoxMkTnIZRwCAe4Nb9FHW4GR/wj0cl/pF9eX13dXelLKI5pPLUzGRdrFwqAZx/dCimnwtpz6LqulTiWa01aSZ7lXbB/e/eAIAwOeO9bNFKwLTYwP+EUFxoE+k6xrOparHKVZJrkwpLAVIKsjRRpyGAYEgnI/CpbXw/cx2d5baj4h1PVYrqIxYuktlMQIIJXyoU55756VtUUNKV0+oLTYq6Xp8Wk6RZ6dbM7Q2kCQRtIQWKqoUE4AGcD0qDQtFt/D2jx6bZPK8MbyOGlILZdy56ADqx7Vo0VTd3diSSVkcldfDuwuri43apqkdjPfLqDafFLGkIuA6vvyE3kFlyVZiuSTjIBGfZ+B7298Q+KpNW1C/ttK1O/VxYwPB5V5F9niRt7bDKuSrKQHXge+T3tFJafdb8v8htt/wBf13MbWvDkerNYy29/d6VdWDMbe5sfL3KrLtZNsiOhUjHVewxio9R8L/b5LG5j1nUrPUrOIwjULfyfNlRsbg6tG0ZyVVuEGCOMcit2igDBvPCxv9PsY7jW9SN/YTGaDVFECzqxDKcqIvKI2sVwU6YPUZqjJ8PNPfQ9S07+0dTB1G+j1Ca7aZHmE6eXhlLIVAzEp27SByAAMAdZRTv/AF/XoBiL4fvjo95Yz+KdYne5AC3ZW1SaAd9hSFVGfUqSOxBo0/wnp2k6hHcaUZrSEWq2slnGV8mZVGEZgQTuUZG4EEjg5wMbdFIOljA0Lwr/AMI88UVhreptpkClINMmMLwxL2UOY/NwvbMhxwOnFMsPCTaVe7tM8Qara2HntMNMAt3gBZtzKC8RkCkknAfjOBgYA6KijrcVjg9H8DXc91rf9u39/Hp15q81yNLRoPIuIyVKszKnm4JHK7wDjBGCQei1rw0mrahaahb6nfaVf2kckUdzZeUWMb7SyFZUdSCUU9Mgr161tUULRJdv8rD6t9/1dznvEnhR/EtnDaTa9qllBGY2dLVbf966Orq7F4mOQyg4XA9qde+Fft0VhI2talFqdgrrHqkQgE7K+Nysvl+UQcLxs/hBGDzW/RQBzkXgjTkjst9xdzXFtqP9pyXMjr5lzPsZN0mFAxtbGFCgBVAwBitSw0e30/U9TvoXlaXU5kmmDkFVKxrGNvHAwg655zV+ij+v6+5Du/6+8K5/w/Bf6fq+r2d3p8i201293BfLKhjkV9vyFc71cHP8O3AB3ZOB0FFHW/y/r7hPVWCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiqt/qVppiQteymMTzpbxAIzF5HOFAABPuT0ABJwATRqWpWukabNf6hL5VvAu52Clj6ABVBJJOAAASScCgC1RWbq3iTQ9A8r+3dZ0/TPOz5X226SHfjGcbiM4yPzqLWfE+l6DawXWoyXAtp+Vnt7Oa4jUcYLNGrBAdwwWIBoA16KKKACiiigAoorOtvEOi3mrzaVZ6vYT6jACZrOK5Rpo8YB3IDkYyOo70AaNFFFABRRRQAUUUUAFFFVH1Ozj1iHS3mxezwPcRxbT80aMqsc4xwXXjOefrRvoBbooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDmN39t/ETaPmtPD8OSexuplwPxSLP/f4Ua239seMNJ0NfmgtP+Jpe46YQ4gQ/WT5x/1xNbGkaPBo0NwkEksrXNzLdSyzEF3d2zyQBwBhR6KqjtRY6PBYapqOoJJLLcahIjyNKQdiogVUXAGFGCcc8ux70108vz/4D/IH1/rT/hvxZzuvaVrGja9e+LPDs2nzmS1jjvbLUsxh44t7Axzrnyz8xyGVlPX5eTUXizVY9c+Ds2qwxSQx31nDcLFKMOgdkbB9xmt6/wDCPhvVNR/tDU/D2lXl7x/pNxZRyScdPmKk8dql1fw1oXiBom17RdO1MwgiI3tok3l5xnG4HGcDp6VNvda/rr/XkKSv/X9f8Ew/HmuanpkmjWGkLdiTVLpomlshb+eoWNn2x/aGEW47f4s8BsAnkY974j8WaN4Lnk1GzvYrl9ThsrS4ufsf2poZCo8xgj+QJAzMq5KqTtJHY9ofDWhHQxop0XTjpQORYG0TyB827/V42/e56deaW18OaJY6TNpVlo2n2+nT7vNs4rVEhk3DDbkAwcjg5HNFt/67f5fiPX+v61OEvtb8ZaN4T165uI9QtxbpbtYXmsJZvMXaTbIrJbMUKAbcHCn5iM8A10GkXGraf46fRb7WJdZhl077Y7Swwxm0kEm0KPLUHY4J2htxHln5jzUmq/D7QrrwrqOh6Np2n6NFqGzzmtLFFV9rA/Mq7d3Qjn1rb0rQ9J0G2e30PS7PTYHfe0VnbpCrNjGSFABOAOfamviv/WwtS9XC7YPEfi/S4PD1tFDpPhu8lmuLyJQkbzmN0MEQA+bBkJdugI28tu291WDF4F8IwXyXsHhbRY7qOQSpOmnRCRXByGDBcg55z1oW92Pob1cP4wv9d0rVZL+a41a18PW9usj3GjpaOYsEmVp1nVnKgbSPKBOA2RnFdxWVe+FfD2o6ompahoOmXd/GVKXU9nG8q7eVw5GRjtzxR1TDocr4m1/W5/GC6JoqausKael4JNIFj5spZ2Xn7WwXYu0fdBOWGSOAZrjV/Ectp4X0vUp00DUdVaRby4RYnkQxqWCRgl4w74zzvAAbGeo6nVvD+ja/HHHrukWOppES0a3lskwQnqQGBxRNoGj3Oiro9xpNjLpiqqrZSWyNCApyoCEbcDAxxxS6B1uYOv3OpaLbaDo8WtXDS6pqH2STVrmODzo18uSQbQIxFuOwIuUxz0Jrnta8Q+ItGt9W0yy1o3c9nqOmww6lc20TMPtEyq8UixhVYhSDwEO2Rec/NXer4c0NdDOiro2njSj1sBap5B+bd/q8bevPTrzTrfw/o1ppkenWmk2MFjFIJY7WO2RYkcNuDBAMAhgDnGc81aaUr+f+QPbT+tzjbrxDrHheTxbBPqUmrjStMt763mvoolZGkMysG8pUBRfKDdN33uemG6fbzWfxi023u/ElxrVz/YN1I63C26mEGa3wQsUaEKxBxu3fd4PBrvfsVr9omn+zQ+dPGsUsnljdIi5wrHqQNzYB/vH1qrpvh3RdGCjR9HsLAIGCi1tUi27tu7G0DrtXPrtHoKE0pX8v0a/UHqrf10OX0HUNbtPFMVp4tutWiuLxplt4tlo2nzFctiJo189cIMjzSOh5Y13NZOl+FPDuiXj3ei6DpmnXLqUea0s44nZSQSCygEjIBx7VrVPRIOrYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHDrY64fH0mlnxlrP2RbFbwJ5FlncZWXbn7PnbgfX3q9q92D8QNBt7hNctVVphBJb3ES2V2xiJKypvMjbQpK5UAHua110fHit9a8/71ktp5Ozphy+7dn3xjFZGu+HvEWp+IbHULDXNLtYdPkaS3hm0qSZstGUbe4uFDfeJGFGOOvdRukr+f5v8AQHu2vL8lf9SPU/iLYabrtxpS6Vq15Pb3MdrI1tAhTzZIvMjUFnGdwyMjhSMttXDGdPHNtc2Omy6XpWo6jdahAbhLG3ESyxRg4ZnLyLGMMQv3zk9MgEiN/BJk8Q3OqtqAzcalb35jEHTyoPK2Z3d+ue3TB61k3vwrt7iz0gCXS7y5023e2/4m+kreQSIzbsiMupVwejB+hIIORha/16f5/gN2vp2/Hr+BrQ+KDqmveH/7NleOzvVu1uYJYwHWSLaCjdSCrbgcHB9xiq0njT+xtU8RPrJuJ7S11S0srWK3gDuhmhiwMDlsu5Pc88elWP8AhDZ7bS9JGj3GmaVqOlySNE1ppey0YSAh1NuJAQDkHiQHcAc9RUcvgWS7sW+26osmoXGr22qXVxHbbUdoGj2xpGXJVdsaryzHOTz0qkve12/4Kv8AhcSdkzS03xQdRGpRf2JqVrqGnorvp85g82QMCUKsspj52sOXGCOcVT8IX4PhW8urSHXL2WO9ug9rqM8MlysiyMGiVt/l7QQQvz4AxzWgdEuoNY1fVNPvYY7m/ggijE9uZEhMe/5iA6lgd/TK9OtVfCPh7WPDy3kWpatY38FzczXQW3097dlklkLtyZnBXLEAYB9zR1+QfZ87/hqZ/wAP/FOsa/p7/wBraNqMeLu8T7bMbURgJcSKseI5S25QAuduCVJyep7Sud8P+H9S8P3VxBFqdrNo8lxPcR2zWTCdGlkMjDzvN2kBmbA8sHGBnjJ0Lex1SPxHeXlxq/nabNEi2+nfZVX7O4+8/mD5m3eh6U203oHVnHR+IrhvHE+neJfEd94dn+3GPTbAW0KWuoQrs2lZ5Ym8x23gFUdWHQKMbjHq+vXh+IWr6bNr/iKwtbWC2aCLRtGF4uXDFi7fZpSOgxkjvW5rfhnW/Ecc2n6trOn/ANjTSqzwW+lulxsVwyr5rTsoOVGWEfrjacEOuPDeuweKtR1jQta062XUI4UkgvdMkuCvlhgCGWePruPUGpW0f66f139Bvd2G391qmseMJNA0zVZtKt7Gyiurq6ghjeeVpWdY0XzEZFX925b5Sc7QCOctvpdYn8QWHhi21ia2K2Ml3danHBCZ5ArqiKAymME5JY7McfKFzxa1Tw3fya+mueH9Ug0/UGt1tboXNmbiC4jUsy5QOjBlZmwQ/RiCDxhL7w5qc91YarZavBBrdrC8EtxLZGSCeNyGZDEJFYAMoK/PkYwS2Tl9v672/G3/AARO+tvL9L/qcpqHifxPamDSrS8+0ahY66bOWYwRg38ItGuFUgDCsw2qSoXkZAAOKn1TxRqWoapNBo+sSWtncXmmR289vFEzJFOrFyu9GBJwOoOO1btr4I8mbT7qbUDNew6m+qXk/k4FzK0LRYC7vkUKygDLEBACSctWfJ8ObqK5v59N1qKF5tQt721WeyMqW4iLERkCRSy5c4wVwMDnGaUvs+sb/hf79f6Yp3a93s//AG636f0gn1XxLoV9rOi2858Q3q6U2oaU91HHHI7qdjRSeWERhu2kEBTgkE8Zq14H1e21SS4CeLNR1a8hRVutO1G1htZbRjg5MKwxyL1wNxIPYnrV2y8OalbXN7q11q1vda9cwLbx3BsittbxqSQqwiTdgk5bMhJOOQAADTvDeonxNFrviHU7W9u7a2ktbdbGya1jVHZWcsGkkZjlFx8wA54JOQ4+f9b2/Cyf33B+X9bfrd/odJWBp/isarrE9ppuj6hcWtvcvazairQCGOROHUqZRLwePuc9Rkc1b0+w1W31zU7q/wBZ+2WFyYzZWP2VI/sYC4ceYOZNx556dBWFN4HuLzxnDr13caRE8NwJlmsdKaC8kUAqsclx5zb0xgMCmCB0HGDqhvZ23/r+v0JNWtzZ/Ejw/cW91fL9uNwlxCb2YwOFhyv7kt5YIIzkKDnmr+qeKlsNSlsbLSNR1ee3iE10LFYsW6tnbuMkiZJwxCrubA6cjNPWvDviPUfEtlqdjrml20VgztbQTaTJK3zpsbe4uF3dyMKuPeqPiT4cQa34kk1qKPQpp54Uimj1rRVv1GzO1oz5iMnBIIyQcDgEHM69P60/zEt3c17jxjZ+Xp50azvNbl1C3+1QQ2IjDeRx+8YyuiqMsBgnJJ4BwcV5vH+nLDphtbHUbyfU2migtbeBTIssRxJG+WCoQcgknbwfmxgmjr/w3tdYbSp4odDE+n2ptBBfaMtzZmM4PyQ71MZBXjD8AkHPBFLUPDWradrHg+28Px6XZPZm8Ms9ro7rZxbk/wCeKyjZu95OTk89Kp/r/X4fiF3/AF/Xc273xoi+BdY1y1s5obrTUmjeyu9qyRzp0RtpZeSVIIJBDAg81d0rQrnS/CxsrW/I1OZTJPqEsfmF52+/IVJA69F6ABRjAxVT/hDI5fCes6TdXjS3WtebJeXkcYjzK6BdyLztChVABJOFGSTkmW1bXda8FzWrytoeuiNrZ7lrfzUjlHBljUkB1P3l57gEZBFD2duy/wCDb5/oPqr7Xf8AwPw/UqeGb/UF8Ya3odxq02tWthDbyfa7iOJZIpn37oWMSIpwqo2NuRv5JBGF8Nl9H8Xax4aEm+yjhi1CwRmyYI5WdXiH+yHjLD0D7RgKKm8H+G9V8MWi2NxqGmXFkqsdttp0sM0kpOWkeR7iTex5JJGSTnPaneHbW5u9e1TxFf2slobtY7W0hlGJFt4ixDMv8JZndsdQu3ODkB9fl/X42+XzDo/6/rS/zNS21b7Trt7pn2C+i+xpG/2uWHbBPvB4jfPzFccjHGRWhXLaPe67ffEDWGb7QPDkNvHDAt1a+SftQJ8wx5UM6bdvzHKk/dJwa6ml0TDq0FFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFVdR1Ow0exe91e+trG1jIDz3UyxRrk4GWYgDJOKtU2RFkjZHAZWBDBhkEUnogFVldA6MGVhkEHIIpa5j4eOw8DaZaiJvJtLaOCG5GPLukVQBJGM7gvbDKp46EYJ6eqdr6AFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK52e4v7Dx9ZQtqUk1hqcE2LSaOMCGSMIR5bKoY5BckMW9RgDFAHRUUUUAFVNUfUU02U6Nb2txeYAjju52hjPPJLKjngc4xz0461bopNXVgMzw3pJ0HwxpuktMJ2sraOBpQu0OVUAnGTjPpmtOiiqbbd2AUUUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArktVuNP1zx5p2iNJDfpZwy3F9Z5EiQv+7MJlXoDklkDc8bh0yOtopdQ6BRRRTAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/9k=)

Figura 6 - Método para cronometrar o tempo de execução

Atendendo ao método que nos foi disponibilizado pelo professor de APROG, obtivemos diferentes tempos de execução para cada método de ordenação, sendo eles:

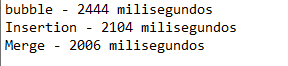


Figura 7 - Tempo de execução dos diferentes métodos de ordenação

Como podemos constatar, o Merge Sort é sem dúvida o mais rápido a organizar grandes quantidades de informação, que é o caso do nosso projeto.

Após uma das tarefas propostas do projeto estar completa, uma nova surgiu, tendo causado grande dificuldade para a solucionar, visto que, era a mais importante para o nosso projeto.

A nova tarefa consistia na implementação de um método que conseguisse gravar os esboços dos gráficos das séries temporais escolhidas pelo utilizador em ficheiro PNG. O facto desta tarefa se ter tornado uma dificuldade para o nosso projeto, foi encontrar modo de implementar o método de gravação do gráfico, até porque, nunca tínhamos tido contacto com a ferramenta sugerida nem com as suas funcionalidades.

Pesquisa foi essencial para o sucesso desta tarefa e na primeira tentativa de solucionar o nosso problema, deparamo-nos com um código que o conseguia solucionar, mas apenas em sistemas operativos como IOS e Linux, Windows não permitia executar o comando.

![Uma imagem com texto

Descrição gerada automaticamente](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAARAAAISodpAAQAAAABAAAIXJydAAEAAAAgAAAQ1OocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEbDoWJpbyBGZXJuYW5kZXMAAAAFkAMAAgAAABQAABCqkAQAAgAAABQAABC+kpEAAgAAAAM4NQAAkpIAAgAAAAM4NQAA6hwABwAACAwAAAieAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxOToxMjozMCAxODoyMDo1OQAyMDE5OjEyOjMwIDE4OjIwOjU5AAAARgDhAGIAaQBvACAARgBlAHIAbgBhAG4AZABlAHMAAAD/4QsjaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAxOS0xMi0zMFQxODoyMDo1OS44NDg8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+RsOhYmlvIEZlcm5hbmRlczwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAM6AjgDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6RooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK8vfwn4cPx+QHQNLIOhteEfYo+Z/tI/e9Pv/AO1196FrJLvf8m/0B6Rb/re36nqFFeR6/wCJ/F6eKtTi0vWYra2ttfstNgge1jdSk8KF95xu+UncuCDkkHIwBqab4rnbwaw1zxJdWt0NZutPiurWxSe8uVildVCRJGyl8KMkREYB4H3gk7q/9dP/AJJDas7f11/yZ6RRXl1n471W08KeOLhJ59Sl8PDzLO41SyNpM6tCJMSxbI/uknkKu4Y+pPDOt6hqvj3TIdH8dXPibRxpz3GoeXb2hjhmyojVpI4ht3ZYiPIcbMkkZp9bfP8AC4nor/1/Wp6jRXjcXxA17UtDbxHplxrk1010xg0ODw7NJaSQCQpsMwgLGQoCxYShQ3G3Awdb4qeGNAubjw7fT6Fp0l3eeILOK4nks4zJMhyCjsRlhgAYPHFGunm0vvt/mD0v5Jv7j06iuB8W6pD4ObQPDnhy3bRrfUp5S8mlaWZ2t4o13v5UMcbDezFRkoQAWJBrPXxXr9v4Q8ayedqUo0mza40zVdR0lrSWXMbNhkeNFYoy4yEAIIyO5TaSb7DSbaXc9OorjdMtPF6nS9VufEEV5BPbM+o2TW8ccUZMeUMGEL5DYBDuQQSeOBXnEPjLx1J4ejv38Rqpl8LS6ywWzhykkTbVVcpjD8F8g9wu3jDl7rafT/gv9GKPvJNdf1sv1PZta8RaV4eNiNYuvs/9oXaWdt+7Z/Mmf7q/KDjOOpwPetOuF8U6lq9nF4a1ax1m5t0vb+ytbixWKFoZFkb5zlozIDg44cdOlWPHGpa3b654X0vQNQjsDqt5NBcSvAsuEWB3yoP8Q25HbOMgjILs1f1t+X+Yk09fK/5/5HZUVweh+IryxvPGem65rgli0F4ni1S/hjUokkAf94IwittbPQLkcVS0HxVc/wDCf6XpUGs61q1hqdpPIx1jSDZmJo9hVom8iIOCGIIw2ODkZ5S1dvn+Fx9LnY2XirSr/wAQTaJC90moQxtK0VxYzwhkVgpZWdArjJAypINbFcZL/wAlytv+xdl/9KErs6FrFP1/BtfoD+Jr0/JP9QorjfHGpa3b654X0vQNQjsDqt5NBcSvAsuEWB3yoP8AENuR2zjIIyDg634o17w9onjmyTVJL270Oyhu7LUJ4YhJ+9VvkdURUJUoTkKOGGemSulx21S/rseoUVwVvqGv6J4+8Pabq2ttqcWuWt080Jtoo4reWMI48raocLhmXDs56c5rkbjxrrOtQk6P41e3199dNifD1jBaytHAs5jYgNGzjEamQyElByMCqtql3/zsTe8eb+trntdFIoKqASWIHU9TXPeLfE//AAjMNs/2jQYfPZhnWdX+wKcY+4fLfceeRxjik9BrU6Kiuc8JeKf+EmS6b7RoE3kFR/xJtY+3gZz98+Umzpx1zz6V0dPYL3CivHv+Em8WwfD6bxldeIWYWmqmBLCKzhEU0AvTCRISpYvtJwUZAAF4JyTs674svLrxxquiQ6nrOkW2lwQ4k0nRHvnnmlUtlz5EqqirtwMKSS3PFT0v/Wyf6j6tdv8AOx6RRXl9r491+0TR9R1+1lhS40a+kn09rU27SXUEiBCocb13qTgE45B7VteE/Fd54o8WTNGxh01NGtZns2Ckw3MkkodS2MkqI9pGccZwKq39ff8A5fl3Jvpf+un+f5nbUUV5e/hPw4fj8gOgaWQdDa8I+xR8z/aR+96ff/2uvvSWsku9/wAm/wBBvSLf9b2/U9QoryPX/E/i9PFWpxaXrMVtbW2v2WmwQPaxupSeFC+843fKTuXBBySDkYA1NN8Vzt4NYa54kurW6Gs3WnxXVrYpPeXKxSuqhIkjZS+FGSIiMA8D7wSd1f8Arp/8khtWdv66/wCTPSKK8us/Heq2nhTxxcJPPqUvh4eZZ3GqWRtJnVoRJiWLZH90k8hV3DH1J4Z1vUNV8e6ZDo/jq58TaONOe41Dy7e0McM2VEatJHENu7LER5DjZkkjNPrb5/hcT0V/6/rU9RorxuL4ga9qWht4j0y41ya6a6YwaHB4dmktJIBIU2GYQFjIUBYsJQobjbgYOt8VPDGgXNx4dvp9C06S7vPEFnFcTyWcZkmQ5BR2IywwAMHjijXTzaX32/zB6X8k39x6dRXA+LdUh8HNoHhzw5bto1vqU8peTStLM7W8Ua738qGONhvZioyUIALEg1nr4r1+38IeNZPO1KUaTZtcaZquo6S1pLLmNmwyPGisUZcZCAEEZHcptJN9hpNtLuenUVxumWni9Tpeq3PiCK8gntmfUbJreOOKMmPKGDCF8hsAh3IIJPHArziHxl46k8PR37+I1Uy+FpdZYLZw5SSJtqquUxh+C+Qe4Xbxhy91tPp/wX+jFH3kmuv62X6ns2teItK8PGxGsXX2f+0LtLO2/ds/mTP91flBxnHU4HvWnXC+KdS1ezi8NatY6zc26Xt/ZWtxYrFC0MiyN85y0ZkBwccOOnSrHjjUtbt9c8L6XoGoR2B1W8mguJXgWXCLA75UH+IbcjtnGQRkF2av62/L/MSaevlf8/8AI7KiuD0PxFeWN54z03XNcEsWgvE8WqX8MalEkgD/ALwRhFba2egXI4qloPiq5/4T/S9Kg1nWtWsNTtJ5GOsaQbMxNHsKtE3kRBwQxBGGxwcjPKWrt8/wuPpc7Gy8VaVf+IJtEhe6TUIY2laK4sZ4QyKwUsrOgVxkgZUkGr+palZ6Rps+oancx2tpboZJZpDhUUd65WX/AJLlbf8AYuy/+lCVH4txq/xE8K+Hrpd1jifVJ4i2BM0GwRKR3AeQPjplR6UlrGPd3/Bv9EGzflb8Uv1Z02oa9pmlaXFqWpXQtrOZ40WaRGABkICbuPlBJAy2AM84rRqtqOn2uq6bc6fqEKz2t1E0U0bjIZWGCK5r4YXt1d+BoYL+R5ptOubjTzO7bjKsErRqxPclVGT65p7t/wBf1/wfINkjrqKxPDVr4itRqf8AwlGoWt75l/LJY/Z49nlWxxsRuBlhz6/U1t0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXJt4EdvF3/AAkf/CU60LwRG3CBLTyxCX3+VjyM7c987sfxV1lc3b+PdDu7yS2s/wC1Llo7hrV5INGvJIlkVtrDzFiKcEYJzgetC303B7eQ258B6Zdajc3kk92JLnU7fVHCuuBLCiqqj5fukKMjr7iqz/DjTRHbtZ6hqNld2uoXF/b3kDxmSN5yxkXDoyFDuxgqTwOa3NavtVsTY/2Po/8Aann3aRXP+lLD9mhP3pfm+/t/ujk03xJqOo6Tos99pVja3z26NLLHc3bW42KpJKssb5PHQgD3pXUY36f8N/kvuHZydv66/wCb+84zxZ4Fk07wD4oXQ/t+tajrHkvcm7m8yRipVWkQDb8wUFlQYXKgKuMLTtK1HX5fF2kw6NqniLVdObzDqh13R1so4YwvyFGNvCzOWwMDcMZzjg12+g6p/bfh3TtV8nyPt1rHceVu3bN6hsZwM4z1wKv1VnGVmTdSjp/VzmLXwUdMuJP7E8Ravplk85n/ALPgFvJCjMcuF82F3VWOTtDAAk4xWlr3h608Qrp63skyDT76K+i8lgN0kZJAbIPy884wfetWsLxN4jk0P+zrWxshfalql19mtLd5vKQkKzszvtYqqorHhWOcDHPC2t8v+APe/wDXqTa/4cttfW1eS4ubK8spfOtL20cLLA2MHG4MpBGQVZSCD06EQTeF3vfDep6LrGu6lqcOowvA8s626SRKylTs8uJB3zyDVr7XrcXh24up9JtpNVjjdorC1vi6SsB8qiV40xnjkrge9TW1zqU+gRXMunx22pyW4drGW5ykcpXJjMqqeAeNwU+uKTSs0xpu6aLENqkNglopYxpEIgSecAY/OuST4X6Kmkpp4ur/AMpNFfRQxkTd5DnJb7n3+OvT2rT8JeI7rxDDqY1CwhsbnTb97KRILkzoxVVO4MUQ4+b+72roKb11fX9V/kxLTRdP0f8Amjldc8DDXFsY28RavZ29g8MsEFstttWSL7r5eFmJ9s49q0JvDMV3d6Jd39/eXV1o0ryxTSeWpmZ42jJkCoB0c/dC84raop3f6isv0OYvvAGj6kfEn2xrmRfEaxC7XzABGYkCoYyBkEYB5J5HpxRY+B4rbxDZa3fa3q+q31jFJDC15LGEVHABGyONFzxndjce5IAA6eilsM5NvA0zeKF14+LNcF4sRgUBLPYIS4cx4+z9Mgc53e9dZRRRsrB1ucT470m/1XxR4O/s6W+tBDfTvLe2cSO1uptpACd6OgBJC/MO/HOKvS+AdNufDesaTeXd9cya0CL/AFCR0+0TcYHIUIoUDAVVCj0yST1FFAdU+39fqY994btb7xBpOtSSTC60iOdLdFYBH81QrbuM9FGMEfjXlOknxRongsWWk3HiW18RpM5i0RdHV9PjkacnZ9oeFh5WGJ3ef06HOBXt1c3b+PdDu7yS2s/7UuWjuGtXkg0a8kiWRW2sPMWIpwRgnOB60Le39f1qG0ToYvMMKeeFEu0bwh4B749qfWZrV9qtibH+x9H/ALU8+7SK5/0pYfs0J+9L8339v90cmm+JNR1HSdFnvtKsbW+e3RpZY7m7a3GxVJJVljfJ46EAe9KUkk5MEnokatFUNB1T+2/Dunar5PkfbrWO48rdu2b1DYzgZxnrgVfqmmnZiTTV0ctL8PtKm8DzeFmuLwWM1w1y0gdfNDG488gHbjG7jp09+as6l4SS71x9X03V9R0W+miENxJYmJhcKpym9JY3XK5OGABwSMkYFS6j4lS08UadoFnaveX12rTzBHCra268GVz7thVHc59CayPFHj2Xw5r13pyaT9rW30K41jzftITd5TAGPG04zkfNn8DU3SV/X8Fr+C/QpJt2/rV/5/5l7VvBNprp0N9X1C/uZtGuRcxzExo1ww7ShUClTgcKF6CpvD3hCw8NanrF7YTXcj6vcfaJUnlDrEcsdsYwNq5djjnkmtDRNRbV9A0/Unh+zteW0c5i37vL3qG25wM4z1xXOXnj8W/hLxL4gg04T2mizSww/v8Ab9rMWA5+78oD7l/iztzVNNSa/rp/wCY+8k15fr/wTsa5NvAjt4u/4SP/AISnWheCI24QJaeWIS+/yseRnbnvndj+KurRt8atjG4A4paWzuF7r1OZufAemXWo3N5JPdiS51O31RwrrgSwoqqo+X7pCjI6+4qs/wAONNEdu1nqGo2V3a6hcX9veQPGZI3nLGRcOjIUO7GCpPA5rr6KFpt/W3+S+4e/9ev+bPN/FngWTTvAPihdD+361qOseS9ybubzJGKlVaRANvzBQWVBhcqAq4wtO0rUdfl8XaTDo2qeItV05vMOqHXdHWyjhjC/IUY28LM5bAwNwxnOODXo1Yx8QB/Go8PW9uJTHZfbLqfzMeSGfbGu3HJbDnqMBO+aFv8A10X/AAAe39dSja+CjplxJ/YniLV9MsnnM/8AZ8At5IUZjlwvmwu6qxydoYAEnGK0te8PWniFdPW9kmQaffRX0XksBukjJIDZB+XnnGD707TtetdT1vVtLgjmWfSZI452dQFYyRiQbSDk8EZyBzWnR2+X/ADuZGv+HLbX1tXkuLmyvLKXzrS9tHCywNjBxuDKQRkFWUgg9OhEE3hd73w3qei6xrupanDqMLwPLOtukkSspU7PLiQd88g1vUE4BNJ2s77DTaaaIYbVIbBLRSxjSIRAk84Ax+dcknwv0VNJTTxdX/lJor6KGMibvIc5Lfc+/wAdentXQeHNetfE/h2z1mwjmjt7yPzI1mUBwMkcgEjt61p05K7d/wCt1+rEtFZf1/Vjldc8DDXFsY28RavZ29g8MsEFstttWSL7r5eFmJ9s49q0JvDMV3d6Jd39/eXV1o0ryxTSeWpmZ42jJkCoB0c/dC84raop3f6isv0OYvvAGj6kfEn2xrmRfEaxC7XzABGYkCoYyBkEYB5J5HpxRY+B4rbxDZa3fa3q+q31jFJDC15LGEVHABGyONFzxndjce5IAA6eilsM5NvA0zeKF14+LNcF4sRgUBLPYIS4cx4+z9Mgc53e9N8c6ZfrNpXibQrY3eoaHK7tapjfdWzrtmjX/bwAy+pUDvWr4i8QDQl06OK3F1d6lex2dvAZNmS2S7E4OAqKzdO2O9bNHTTp/wAP+v4h116/8MY2v6tfWXhl7zRdMuL6/mVVtbXZtPmPwpkz9xQTliegBqLwtoR8I+DbbTk3X1xBG0kzRhVa5mYl3IyQBucnGSAMjJqz4k1HUdJ0We+0qxtb57dGlljubtrcbFUklWWN8njoQB71NoOqf234d07VfJ8j7dax3Hlbt2zeobGcDOM9cCje9v67fqG1rnLfDjwrfaDeeJdUv45LMa7qTXkWnyTCVrZemWZSV3seSFJAGBk4ruKKzNO1611PW9W0uCOZZ9JkjjnZ1AVjJGJBtIOTwRnIHNHl2X5aB5mnRRRQAUUUUAFFFcb4o8ey+HNeu9OTSfta2+hXGseb9pCbvKYAx42nGcj5s/gaTaW/9WV/yQ0m9v66HZUVzd34quLbwFbeJo9IluQ9tDdXFpDKDJFEwDOV4+copJxxuxxW9Z3lvqFjBeWMyT21xGssUqHKurDIIPoQappptPoSmmk11JqKKKQwooooAKKKKACiiigAooooAKKKKACvNvh3b+IntdTksdU0yHT/AO377dbzabJJKR9pbdiQTqBnt8hx716TUNrZ2tjG8dlbQ26PI0rLDGEDOxyzEDqSTknuaFpK/l+q/wAgesbef6P/ADOH+Jek6c114b1VtPtTqKa7YxLeGFfOVPMJ2h8Zxz0ziuq8T/8AIo6x/wBeM/8A6LNR6n4P8Na3efa9Z8O6TqFztC+dd2Mcr4HQbmUnFOufCnh290y30680DS7ixtf+Pe1ls42ih/3UIwv4ColG9Nw73/FJfoUnaal2t+Db/U4vU77UdN/ZugutGdoruPRLbEqOUaNSiB3DAEqQpY5xxjNL4b8JajY+J9H1fR9G8P6JpggdLw6Vqckx1CNk/dsw+zoHYNhg7EnDNzzz3Ok6Bo+gwyRaFpNjpscrbpEs7ZIQ56ZIUDJqvpvg/wANaNffbdI8O6TYXWCvn2tjHE+D1G5VB5rVyvNy7majaCj2NivNfHPhuxuviJ4Plln1NWvL+cSiLVbqNVxayEbAsgEfQZKbc85zk16VUM1la3Fxbz3FtDLNbMXgkeMM0TEFSVJ5UkEjjsanqV0aOd8UeG9Il8AX1je2SajBa2s0sP8AaLNdujhGIbfKWbcMnBzkVZ8Cf8k78O/9gy2/9FLWhq2g6Rr8McOu6VY6nFG25EvLZJlQ4xkBgcGoLXwp4dsNOudPsdA0u2srv/j4tobONI5u3zqBhvxoV1zedvwv/n+APp5X/G3+RhfD7/j88YY/6GG4/wDRcdef6H4f8Q+LfDEuqWmlaEviQ38rtrk+qyreWsyTHMRAtyUUKNnl79u09Oa9a0zwd4Z0W8F5o3h3SdPuQpUT2tjFE4B6jcqg4ovPB/hnUdTOpah4d0m6viVY3U9jG8pK4CneVzxgY54xQtOXySX3W/yB6382399/8zZGcDPXviud8W/2r5Nt/Y/9vbtzeZ/Y32DdjjG/7Xxj0289c9q6Kih6gtDnPCX9rbLr+2f7fzlfL/tn7BnvnZ9k49M7vbHeujoopgeBPoun2fwZu/FEdur63b607299KS0tuF1IqEjY8omM5VcAlmJ6mun1ixu/EnxV13TtQ0HRddgtLK3+w2msX7xLFG4bzJY4xBICxf5S4wRtUZr0htE0ptNbTm0yzaxZzI1qbdfKLF95YpjGd3zZ9eetR6v4c0TxAIhr2j6fqYhz5X221Sby84zt3A4zgdPSptpb+tkv0H1b7/53PLb2PXfBMvhmTU7uKXXJ9NvdIhmWZp1eZ5Ea2BZ1BcgDnIGcGtn4eahPr/jjVdQ1CVJL/TdLttLvChGPtCSz+ado+7kqCB6NXdr4f0ZILKBdJsVi09w9nGLZNtsw7xjHyH3GKntdNsbGe5nsrK3t5bt/MuJIYlRpn6bnIHzH3NVfX7/6/F/gTbS39f1ovxLNebfDu38RPa6nJY6ppkOn/wBv3263m02SSUj7S27EgnUDPb5Dj3r0mobWztbGN47K2ht0eRpWWGMIGdjlmIHUknJPc0lpK/l+q/yG9Y28/wBH/mcP8S9J05rrw3qrafanUU12xiW8MK+cqeYTtD4zjnpnFdV4n/5FHWP+vGf/ANFmo9T8H+GtbvPtes+HdJ1C52hfOu7GOV8DoNzKTinXPhTw7e6Zb6deaBpdxY2v/Hvay2cbRQ/7qEYX8BUSjem4d7/ikv0KTtNS7W/Bt/qcXqd9qOm/s3QXWjO0V3HoltiVHKNGpRA7hgCVIUsc44xml8N+EtRsfE+j6vo+jeH9E0wQOl4dK1OSY6hGyfu2YfZ0DsGwwdiThm5557nSdA0fQYZItC0mx02OVt0iWdskIc9MkKBk1X03wf4a0a++26R4d0mwusFfPtbGOJ8HqNyqDzWrlebl3M1G0FHsYPg8tJ8RfHUlzn7St3axICMYgFupTHtuaQ/XNdtXN33hu6TxxZ+JNGnihd4haanBLnbcwDLIwwOJEY8E8EMR6V0lStl/X9XK6v8Ar+rGB421uXQPCd3c2Sh9Qm221jH/AH7iQ7Ixj03EE+wNc1450SDw5+z7q+j2rFo7TSmj3nq7Y+Zj7k5P412Wp6FbatqWl3l28p/sudriGEEeW0hQoGYEZJUM2MEcnPPFXLuzttQs5bS/t4rq2mXbJDMgdHHoVPBFK2jXf+v8yk7ST7f1/l+J5xLpFn4W+KHhGPQbZYJNRsr5L2XJMl4UjjZWmcnMjBsncxJ5Nc6bLTbj4MSeLJ4o38aB2YagMfbF1ASbVgDfeABwnlZxt4xivZ5LCzmvLe7ltYHubUMIJmjBeIMMMFbquQADjriqg8M6Cuuf20uiacNVJz9vFpH5+du3/WY3fd469OKf9fi3/XoiI6K39PQ8Z17R4NS8Xarc3wkW6/4SrTLcPHIVaFZLeMShCOV3g7WweQAO1LALn7DoehW1nYz6NN4l1SB7C8uTbWspSRzBAxWNxszuIj24JVRiva30bTJJnlk020aSSdLh3aBSWlQALITjlgAAG6jFNm0LSLjTZ9On0qylsrhzJNbPboY5XLbizKRgktzk9+aS0Vv6+z/k/vG9f6/xf5r7jmvBmhaj4Wn1ubUrbS9J0aYpPa2FhePNDaEKfNI3RRhFbhsKMZ3H6yeALb+0dIv/ABHfQ/vfEc7XPlyL922A2QIQf+mYDH3c1oT+CNBPhvUNE0ywg0a01FDHc/2XBHAzqRg9FxyMjOM4Jxit2KKOCFIoUWOONQqIowFA4AAp9/u/r8A/r+vxPMfC3gzwmPiX4wtZPDei7rWazmtIjYxfuUMA+ZBt+UF1bp3FRaxY3fiT4q67p2oaDouuwWllb/YbTWL94lijcN5kscYgkBYv8pcYI2qM16HqPhrQtYvIbvV9F06/uYABFPdWiSvHg5G1mBI554pdX8OaJ4gEQ17R9P1MQ58r7bapN5ecZ27gcZwOnpS6K4+5xF74P1+7+HWh6HquoabdapZ3YlktL2eSa21KNGcrDIxUO4CFWyUb5kBKnrV7wlBomvaTrPh6+8JWFgmm33lXOmrsubLzNoZWi+ULgqVYjYpDE5GSSepm8O6JcaKmjz6Pp8umR42WT2qGFcHIxGRtGD7VY07TLDR7FLLSLG2sbVCSkFrCsSLk5OFUADJ5pvXm8/8Agf5C6Ly/4JwXwa8PaBb/AA/0bU7PSNNi1RYXhnu4raMTbw7K6s4G7PGDz2rktWu7e1/ZzvLe5njinl1uWFI3YBmkGpFioHXO0E49BmvYbfw1oVprEmrWui6dBqUpYyXsdoizPnrlwNxz35pknhTw9Le3N5LoOmPdXY23E7WcZeYZBw7Yy3KqefQelO95Jv8ArW4Pay/rRnI+N/DdxqHihtbj07Q/E9tZacY5NF1eUJ5DZLiWJmV0VnA2ksq8IPmAzWT4i1hvEWmeAF0ywjl0PVnZnsdXvGhjnZYswwyuFk3gnLBSGDlV616Nq3hjQdfkik13RNO1N4QRG15aRzFAeoBYHFWr7TLDU9Pew1Kyt7yzkAD21xEskbAEEAqRg4IB/CpWit/XX+vIb1dzzHUPDmreHvh34++1Wem6Zpd1p0kllpunXbzRWzeU4k2hoowgY7WwoxnP49P4e8BaJZtoet2ccsGpW1v+9u1cGW9DxgETuQWkGcMMngqMcDFbll4X8P6bp9zY6doWm2lndgi4t4LONI5hjGHUDDccc1poixxqkahEUYVVGAB6AVWzb9Pwv/mJ6pfP8bf5HH2JHiL4o3t9jdZ+HIfsVuezXUoDTEH/AGUEa/VmrGfQNF1z4v8Aih/EltDeWdppti4gvDut1J8/MjI3ylgAcMRlQWxjJrudB0K28Paa1naPLL5k8txLNMQZJZJHLszEADOT6dAB2rAk+H+n6l8QNV13xBpelanb3FraxWi3Vus0kLRmTefmXC53L0POOegpW0S/r+rj7/11X6bmf4WmuZ/gVJJdvJIDY3f2d5SSzW4MghJJ5P7vZz3HNVdSvr3Tv2eNOudOmlt3XTbITTwnDwwnyxK4IIIIQscjp17V3mraDo+vQRw65pVjqUUTbo47y2SZUOMZAYHBxTdL8PaLodvLBoukWGnQzHMsdpbJEshxj5goGePWjfm87fhff1uLt5X/ABtt6WOGutD0LQPHXhSHwdp9na/2isyX8NkiiO5shCT5kqjh8OY8Ocn5iM81B4W8GeEx8S/GFrJ4b0XdazWc1pEbGL9yhgHzINvygurdO4rv9I8N6H4f83+wdG0/TPOx5v2K1SHzMZxu2gZxk9fU0mo+GtC1i8hu9X0XTr+5gAEU91aJK8eDkbWYEjnnins7/wBf1/wRf1/X9dhmu+KNG8MmxGuXy2n9oXK2ltuRm8yVui8A4+pwB3Nct8RNNt9X8WeCLC98xrafULgTRpIU8xRayEo2OqnGCOhBIPBrtr3TLDUvI/tGyt7v7NKs8HnxK/lSL0dcjhh2I5rn/F3g+PxXrPh2S9t7G70/TrqWa6trxPMWVWhdFAUqQSGZTzjpnrS/zH0fo/1PPvEkFvp/hn4oWGgRx2uiWtnCIobVQsMN0UJmVAvCnHlEgdCc4ya3jomneFvit4OTRLVbZtRs75L6YEmW82pG4aVzzI27J3Nk8mu+j0PSYtGOkRaXZJphUobJbdBDtJyRsxtwSc4xU02n2k91BdS20LXNsrLbztGpeEMMNtYjK5AGcdcUXs7r+tGv1Df+vT/I8O0/woPH2jJJJ4Uju7ufXpLh/E160DCS3juW+UjeZT8i+UImQKOM4xXvCqEUKoCqBgADgCvIG+Emov4efRpdJ8NyXzykt4seR21Aky7zPsMOfNx/02xnvjivXYkMUKRl2kKqFLueWx3PvTWkbL+tAlrJv+tx5AZSGGQeCD3rifhLlfAYiQk2sOoXkVp8uMQLcOEA9sDA9sV0PiWy1XUtBnstCvIrG6ucRG6kUsYYycOyAdXC525wM4zUum6PBofh6DSdEVLaK0gENt5ilwuBgFhkFueTyCeeaS6v+v6/zYPov6/r/I57wAvhiC48SW/hXVJ76X+2JpdRSdmJguGPzKuVHy8cEZzg8nFdjXO+E/CMfhp9UvJrkXmp6xdG6vrlIvKRm6KqJk7VA4GSx6kk5roqOi9F+QdW/N/mFFFFABRRRQAUUUUAFFFFABRRRQA13EcbOwYhQSdqlj+AHJ+grhdE+JlvqPinW9OuLLU1t7SeCO0Meh3u8h4lZvN/dnZ8xONwXjnkc13lcJY3T+G/iT4lbUrDUmt9Ye1mtLm10+a5jbbEImVmiVthBXPzY4OaF8WodDe1PxpoOkaudKvbyQ6iIVnFnBbSzzOjFgGVI1ZnA2nO0HAGTgU6y8ZaDqMmlJZ34lOrxySWX7pwJRH98ZK4Vh3VsNweODWZaWE6/GXU9Qe0kFu2iW0MdyYzsLCaUsgbpn7pI+lV/H+kw6b4RTV9Gs4YJvDtz/a0UUKLGGCljOvGAN6NJn1JzSulFN/1q1/wRtPmaX9aJ/nodRba1p95rN7pVtceZeWCxtcxhGxFvBKgtjbkgZxnOMHuKvVyXw5spB4bk1q8iaK+1+4fUp1kGGRX/wBUh/3Ygi49Qa62qaa0e5Kd9UFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXDzWNnrnxnlTUoI76PR9Jgmto5kDpbTyTSEyAHgSYjTDdQBxQt0v62uHRv+t7HcVi+IfDEPiZI7fUb68XTh/wAfGnwsixXQzkCQ7d+OOisoPQgjitqigAAwMDgUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcXpEUOk/FjU9LsAtpZ3Gkw3gs48JGZjNKJJFQcBj8u4jrxntXaVTvtH0zVJ7WbUtOtLyWzk822kuIFkaB+PmQkfKeByPShfEn/X9dQ6Nf1v/SLlFFFABRRRQAUUUUAFFFFABRRWNq3ivSdF1COxvJLmW8kiMwtrKymu5FjBxvZYUYqueASACQcdDQBs0Vlav4l0nQk09tWuTbDUrqO0tQ0LkvK/3VIAJXOOpwB3qXWtcsvD9gb3UhdeQDhmtrOa5KjBJLCJWIGAeSMe9D0V2G+xoUVXsL631PTra/sZPNtrqJZoX2kbkYZBweRwe9WKbTTswTvqgooopAFFFFABRRRQAUVDJe2sN5DaS3MKXNwGaGFpAHkC43FV6nGRnHTIqagAooooAKKKKACiiigAorM0XxFpXiIXx0e6+0fYLt7O5/dsnlzJjcvzAZxkcjI96isvFWlX/iCbRIXuk1CGNpWiuLGeEMisFLKzoFcZIGVJBoDY2KKKKACiqFhrenarYTXum3S3VtDJJG8sSllLIcMF4+bBBGRnkVJpWq2Ot6Vb6lpVyl1Z3KCSKZOjD+YPYg8g8GgC3RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAI24qdhAbHBIyAfpXl+jWnixvi14kA1vRvtKWFgJZDo8pVkJmIVV+05U9ckls5HAxz6jWZa6Da2fibUdcikmNzqEMMMqMw2KsW/btGM5+c5yT26ULR3B/C1/W6MDxxdarpN7od9p2s3UEVxqtrZT2QigaGRHchiS0ZcEjjhwPat7xP/wAijrH/AF4z/wDos1neJvBreJ7m3km8Q6tZRW00dxDb2i22xZYzlXy8LMTnsTj2q1qfh251TQV0uTxDqkOUaOe5iS2824VgQQ26EqOv8KrUSi5U5R6u/wCKX63Ki7TUumn5s5tfEUnhP4B2GtW8ImnttHtvJRlZlLsiKuQvJGWBOOcZqHQdf1lPF+l2Qvde1qxvYpFvZNR8Py2a2kiruVkfyIwEY5XaxY/d5656LT/Bdpa+E5PDmpX97rOmPAtusd75SmOJV2hVaJEPYcnLZGc1Po/h+90maMzeKNY1KCOPYtverbFTxgEskKuSPUtz3zW0mnUcu5lFNQUexuVxt5f6tr/j698P6Zqs2jWelWkNxc3FtDE888kxfaqmVHQIAhJO3JJAyMHOmPBunj4gnxj513/aBsPsHleb+58vduztxnOffHtnmk1XwjDqGuprVjqeoaPqXkfZ5LiwMR86IHIV0lR0OCSQduRk84NR2/ruad1/XT/goyvGWoeINKXwtYaRqkSXd/qa2dxcz2quJI/KkYkoMfN8oPBAyPTIqDXNS8ReAvDHiLVb7Uv7dtoIom01rmFRMsrHYVkWGNFKBipG0bsFh6V0d54Ztr86M13c3ckmkXIuopGcFpZNjJl+OQQ5OBjnGMDir2q6XZ63pVzpuqQCe0ukMcsZJG4H3HIPuORSd7P1/DT/AIIK116fqzhdB1/WU8X6XZC917WrG9ikW9k1Hw/LZraSKu5WR/IjARjldrFj93nrnP8AE3jeTTZJdT0XxLqd+bfUY4Hs49HJ04qZljaP7QIThgG5bzvvjGBnaO50fw9e6VNGZvFGsanBHHsFverbFTxgEskKuSPUtz3zWG/wr019NOlf21rS6Qtx9ph05J41ihfzfM4Ij3sobPyuzLz0yARX2l2/4JPR/wBdDN8VaNfT/F/wwYvEuqW32i3v2jEUdqfswCxZVN0JyD337jxwRV/xj4gvfDj+HtCi1HUGm1KWQT6nFp/2q5WKJNzFYooiu9iVGfLKgbjjiug8QeGINfuNPuxfXmnX2nSNJbXdkyb03LtZSHVkYEdQVPQUzUvCkWrWFhHd6nf/ANoafJ5ttqsZjS4R+hOAnlkMpKlShUg9M4NT0SK6nmHjHVtS1X4ZeLdN1X+0byxt57H7Jf6lpb2Ulykk6bkZWjjVipBGVUcEZGeTstdSJ4u8F6PduXutG1a6tWZiS0kQs5DDIc9S0ZXJ6bg3pXXah4LGs+GbvRNd17VNShupI3M0ot0kj2OrgL5cSrglRnIJ+lTah4N0/UfGWmeJZZbmO904MEjjdRHLlXUFwVJO0SPjBH3uc8VS00/rZf8AB+8no/n+P9fgedxfEDXtS0NvEemXGuTXTXTGDQ4PDs0lpJAJCmwzCAsZCgLFhKFDcbcDB35fiDdeH9Z1e01iN75U1yK3h2hYza2kkCSGRsDlUJbPc+vFb1r4KOmXEn9ieItX0yyecz/2fALeSFGY5cL5sLuqscnaGABJxikvvAGk6j4i1TWbqW7M2qacdOmiEgEaoRguo25D443ZPTpSWn9en+VvmxvV/wBf1pf8jgNevbjxDpXh641yw/t+CXxfdRwWPlQnzYEFwiJiQqjY25yx59TXovh3TLSHRruDSfDUng4zMRtigtEcttwJAImkQkf7WenTFRWXgPTbHSdAsEur6VNBuTdW8s0qtJNIQ4JkO35s+Yx4xziuhvIJLmzlhhuprOR1ws8AQvGfUB1Zc/UEUbJr+tkv0Bttp/1u3+pzHgHUNSvE1+21bUZtRbTtXltIZ5440cxqiEA+WiqTljzioZf+S5W3/Yuy/wDpQlXfDng1vDeoXdzF4i1a9W9ne5uILpbbZJKwAL/JCrA4UcAge1Qt4GmbxQuvHxZrgvFiMCgJZ7BCXDmPH2fpkDnO73oW8W+i19eW356ie0l5/rf8jD13xZeXXjjVdEh1PWdIttLghxJpOiPfPPNKpbLnyJVVFXbgYUklueKZrfifW7r4JR3t7BNpmsajJHp8hML2zRNLOITIFf5kyp3DPIyK6vUvCSXeuPq+m6vqOi300QhuJLExMLhVOU3pLG65XJwwAOCRkjAo8ReF21/wPdaDcX801xJD+6vp1TeJlO6OQhFVeGCnhR0pfZ1/r/hyvtaf1/TNfTdOtNH0u207TYFt7S1iWKGJBwqgYArkfCy/2P8AErxPoNsCLCWODVYkB+WGSYusqgdgzR78epY963fDerX9/wCGkudc06ex1GANHdwFCd0icM0ePvI2MqR1BHesvwTpl9Jear4o1y2a0v8AWnTy7SQDfa20YIijbH8ZyzsOxbHaq+1f+tf6v8ifs2/rT/gafM0/sviL/hOjdf2ha/8ACN/YPLFl5f777Tvzv3Y+7t46/h3rbrg/+EY1DUvjVB4ra1m06z03T3sSZZ1Y35ZiQVRGO1FznLYYkj5eM13lJfCv66v+vwG/if8AXRBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUV4RBoum23wfvfEEUIbxGdUuE0y7dt88c4vXWKKEnlVJ6ovDbmyDk0dR9P68/8AI93orzRfDWleI/i/4lXxBZx6hDb6bYlbW4+eHe3nAuYz8pYAYDEZGTjGTXLWF9NqXw4+GdleWU2ux3VxItxpe9MXkUKSABjKyo2zCNsY/Nt9qP8Agfjf/IX9fhc90orhvhx4OTw3ca9qC6HbaGurXvmwWMflmSCJUChWZMqMsGbYpKru4PWuj0HxRo3iYXx0K+W7+wXLWlztRl8uVeq/MBnr1GQexpga1FeEQaLptt8H73xBFCG8RnVLhNMu3bfPHOL11iihJ5VSeqLw25sg5NdjcaBp2v8Axr1CPXLZb6CLQrVjaT/PA7Gab5njPyuRzjcDjJI55pLWy/ra4PS/l/nY9GorzPVPD9lpGseDvCF5JJceGJWugYL1wyTzLh4IH6BkUF9qEEHYvUis6+mufDFv8RbbwNELex0/T45oIrYfurW7KuZREo4UhNjlQMAnOOaTejfr+H5f8N3Gld2/rX+vz7HrtFcv4V8PeFNLs7G/8PW9mJruAFL+MgzXwI3Fnk+9KT94ls8815pofh/xD4t8MS6paaVoS+JDfyu2uT6rKt5azJMcxEC3JRQo2eXv27T05qrWlykp3jzHudFedeNfDdzqHic62unaH4nt7LTjHLoury7PIbJcSxMyuis+NpLKvCD5gM4dqtqvj74d+HZdBaCGKWSG7i0vWmZo7+NFP7mUgsWGMPn5xlASCKXS/wDX9dSuv9f15He3d3bWFnLd31xFbW0KF5ZpnCIijqSTwB71kaT400PWr9LKzuLiO5liM0MV5ZT2pnQdWj81F8wDIyVzjIz1Feba1qFt/wAK91ewh8Px6FDomu2i6tZWUyy2vkiWN3aIqAApTazLsUgltwyST1/jSeK78V+CbWwkWS+/tQ3a+WclbZYJBI+R0U71GehJAprdeqX3pa+mv4P5J7P0f4dPw/FHb1mXmvWtl4j0zRZY5jc6lHNJC6qNiiIKW3HOR98YwD36V49q13b2v7Od5b3M8cU8utywpG7AM0g1IsVA652gnHoM11Hi7wt4auPi34Vl1HQtKlGoJfLcNPZxt9plCRlN+R8zAK2M5xzSWtv66X/UOrX9b/8AAPTKK868caBps3iDwJoiWq22mG/uENra/uYygtZCY8Lj5DjBXoQSDwa5vxFaQWfhr4o6d4fgjh0S1sovLt7VAIYbnyyZgirwvy+WWA6EknrR3Gldpd7fi7HtNZmna9a6nreraXBHMs+kyRxzs6gKxkjEg2kHJ4IzkDmuM8QXVld/GLwLZCaCeT7DfySQ7gx8t4kCkj+6drY9cGqnhbwZ4THxL8YWsnhvRd1rNZzWkRsYv3KGAfMg2/KC6t07imlrr5/g7Ep3jc7nxP4jg8MaP9smhkup5ZVt7S0hx5lzM5wka57nqT2AJ7VqwtI9vG08YjlZQXQNuCnHIzxn61xniAtJ8YvCEVxn7OlpfSwjHBnCxqPxCM/61W+Imm2+r+LPBFhe+Y1tPqFwJo0kKeYotZCUbHVTjBHQgkHg0ltfv/nb+vkN7vyX6X/r5nf0V4tqEtz4Z034p2PhOJNPgsWtJLeG1/dLbCWBPOdNownygtkDgjNbWj+CL4azp97pmi+H9F0iW0lgv/7L1KSc6hE8eI2YfZ0V2DEHexJwzc88rpddr/hcPU9Por57bxhqUXwy/s97iL+yV0R/D7h9ob+0hE38Z5+6u3HqfWvfLC1Wx022tE+7BEkQ+igD+lU0tbf1/Wj+Yr7f12/4K+RT13xJpnhyG2k1WSdftc3kQJb2stw8km0ttCRqzHhSenapdJ1m11qB5bOK9jWNtpF5YT2rE4zwsqKSPcDFcn8Sku5NS8Grps8FvdHXB5ctxCZUU/Z5uqBlJ/76FdRZ2F/PptxaeKJ9O1RZsoywWDQxNGRgqyPJJuzz3xg9KS1Tfn+i/wAyno0vL9X/AJBot9qt8L7+2NH/ALL8m7eK2/0pZvtMIxtl+X7m7n5TyMVm2niXUT49k8OalpdrAjWb3tvc2960pdFkCAMhiXaTnPDMB6msv4Y2Vrp3/CV2mn20NrbQ+IJ1jhgjCIg8uPgKOAKml/5Llbf9i7L/AOlCULVw81/7bcl7S8n/AO3WOzrN1zX7Hw7YG91T7ULcZ3PbWU1xsABJZhErFVAB+Y4HvXnesWN34k+Kuu6dqGg6LrsFpZW/2G01i/eJYo3DeZLHGIJAWL/KXGCNqjNb66bq2j/BXUNP8Q3Edzf2+mXSPLHO8wZdr7PndVZiF2gkjqKiUmoORcVeaidJoXiGw8SWAvdJ+1NbtgpJcWU1v5gIyGXzUUspB6jIrTrzDXyR+y85UlT/AMI7Dgg8j90tP/sTTvC3xW8HR6JarbPqNnfJfTAky3m1I3DSueZG3ZO5snk1tKNpuP8AXX/Izi7wUu//AAP8z0yivCINF022+D974gihDeIzqlwmmXbtvnjnF66xRQk8qpPVF4bc2Qcmu80+6h0/4q+L7nUZo7aJNIsJXklYKoRfP3Nk9h3NZt2jf+trltav+utjqPEWvWvhnRJNUv45pII5IoysKgtmSRYxwSB1YZ56VdvLy20+ymvL+eO2toEMks0rhVRRySSeAK8KXR9Jv/2XdJ1K/wBOsrma0WNkuZ4EdoYvtoMmGIyAVznHUV6nqXgjwpN4Rv8ARYbGz0bTtTCJK+nRx2xZywCMCBgtu24yDk4HOcVUk1ddUxKzsX9H8V6VrswjsDeKzR+ZH9r0+e2Eq+qGVFDjkfdzjI9am07XrXU9b1bS4I5ln0mSOOdnUBWMkYkG0g5PBGcgc1ylhqviHQfGGl+E/E97p/iC31S3mMV3Hb/Z7hPLBLedECyMhBVQy7eeorM8LeDPCY+JfjC1k8N6LutZrOa0iNjF+5QwD5kG35QXVuncUaX8v+CLW2p6jRXnV1oGm6/8btSj1q2W+totCtm+yT/PA7GabDPGflcjtuBxkkc81n+LNFk0BfBnhTT44tQ0SW8nV7bVr0wwzMFZ4bd3WNtyAk7UKkHy0BziktUn3/za/Qp6Nrt/lc9VorzS1trr4e+HfFeqa5p9nY6E0aS22laPfSSCBiCsgQmOIRBmKn5cAEseOtZOnRDR/ipo1pbaFoHh1r3Srt7m00W98wzIAhjaVBDGBg7trfNn5gDxym7fd+jf6Av6/D/M9hrH8T+I4PDGj/bJoZLqeWVbe0tIceZczOcJGue56k9gCe1fPlv4fsD4QhuHjZ5H8Cz3sm5siWZHxG7DoxjBwmfu4GOgr1m6kkn+JHgNbtmaEaZdzxlhndceXGMk+uxpPzNVa+n9fa/+Rf4Cbt/Xkv8A5I6/WNch8P8Ahe71rV42jjs7Y3E8cR3kYXJVScZOeB0z7VFoN7r19D5uu6TY6ajxq8a2+oNcPk8lXBhQKR7FufzrmfjNpNve/DDW7uaS8WS1spDGsN7NFG2cffRGCv0/iBrpdM8M6bZabPa4u7y3u4ws8Wo3096rLjBXEzuADk5A4Pel3YPSy/roTaLfarfC+/tjR/7L8m7eK2/0pZvtMIxtl+X7m7n5TyMVm2niXUT49k8OalpdrAjWb3tvc2960pdFkCAMhiXaTnPDMB6msv4Y2Vrp3/CV2mn20NrbQ+IJ1jhgjCIg8uPgKOAKml/5Llbf9i7L/wClCULVw81/7bcT2l5P/wBusdnWT4m1mbw/oM2qQ6fLqCWxV54YWxIIs/O6j+IquW28ZxivP9YsbvxJ8Vdd07UNB0XXYLSyt/sNprF+8SxRuG8yWOMQSAsX+UuMEbVGa7jwZpmq6T4OsdO8Rzx3V9ArJJIkzTBl3HYC7qrMQu0EkdqWrjdD0TsatvexX2mR32mPHdRTwiWB1fCygjKnPoeOazvC3iSLxNo5uhbvZ3cErW97ZSsC9rOv3oyR17EHuCD3rD+EuV8BiJCTaw6heRWny4xAtw4QD2wMD2xRoY8r4zeKo7XiCTT7Ga4ULgeefNXOfUoq5+gqtL6bP/h/687C1t6f52/ryO2orjpF8MQ/GaKaTVJ18Tz6P5UdiWbymtxIW3D5cbsg8bugzjvXY0uif9bj62CiiigAooooAKKK5OC91TTvicNIuNSkv9P1HT5r2KOeONWtHjlRSisiruQiUfe3MNv3jmhau39dw6XOsooooAKKKKACiiigAooooAK43wP8P9P8M2guL7S9KfW/tVzMdQht1MpWSV2UeYVDZ2MFP5dK7KigN1YhSytY7ya7jtoUuZ1VJZljAeRVztDN1IGTgHpk1xvivwJ/aMmh/wBk6bpNzpulNMW0G9Hk2cxdcB8KjgMhyRlD99uh5ruKKB3OM8EeDbjw7rGr6lJbadpMOoCJY9H0gk20OwYMmSiZds84ReAOvWuqstMsNN8/+zrK3tPtErTzeREqebIertgcscDJPNWaKYjjfA/w/wBP8M2guL7S9KfW/tVzMdQht1MpWSV2UeYVDZ2MFP5dK6xbO1W+e9W2hF1JGInnEY8xkBJClupAJJx7mpqKQdW+5V1LS7DWLF7LV7G2v7VyC0F1CsqMQcjKsCDg80un6bY6RYx2WlWVvY2kedkFtEscaZOThVAAyST+NWaKAMzTfDWhaNeTXekaLp1hczgiWa1tEieQE5O5lAJ555qG88H+GdR1M6lqHh3Sbq+JVjdT2MbykrgKd5XPGBjnjFbNFAGXq3hjQdfkik13RNO1N4QRG15aRzFAeoBYHFWNQ0jTdXsPsOq6fa31oSD9nuYFkj46fKwI4q5RR5AVLDStO0rT1sNLsLWys1zi3t4VjjGeT8qgDnJqvpHhrQtAaVtB0XTtMMwAlNlaJDvx0ztAzjJ6+tadFAGTJ4U8PS3tzeS6Dpj3V2NtxO1nGXmGQcO2Mtyqnn0HpVrVNH0zXLP7JrWnWmo224P5N3Asqbh0O1gRnnrVyijpYDj/ABF4CsdZvPDMEem6WdF0i5lkm0+WBfKZGhdFCx7SvDMDg46Z6101npdhp+mrp9hY21rZKpVbaGFUjAPUBQMYOT+dWqKAMvTvDGgaQYjpOh6bYmF2eP7NaRx7GYBWI2gYJAAJ7gCl1Hw1oWsXkN3q+i6df3MAAinurRJXjwcjazAkc88Vp0UAc/4w8Ny+IdNt3065Wz1fTpxd6dcsuVSUAja46lGBKsPQ+1a32OK5+yXGoWtvJd23zo+wP5LldrFGIyOCRngkGrVFGwbkENjaW91cXUFrDFcXRU3EqRgPNtGF3EctgcDPQVnab4P8NaNffbdI8O6TYXWCvn2tjHE+D1G5VB5rYooAzP8AhG9CNmbM6Lp/2Zrj7SYPsqbDNnPmbcY3553da06KKAIbiztbqSCS6toZnt5PNhaSMMYnwRuUnocEjI7E0Xlna6hZy2l/bQ3VtMu2WGeMOjj0KngipqKAMbTPB3hnRbwXmjeHdJ0+5ClRPa2MUTgHqNyqDioT4C8Hm8N2fCmhm5MnmGY6dDv35zu3bc5zzmt+igDN1fw5oniARDXtH0/UxDnyvttqk3l5xnbuBxnA6elMufCvh690u30y80HTLiwtTmC0ls42iiPI+VCML1PQd61aKAMq08LeH7DTbjTrHQtMtrG6/wBfaw2caRTcY+ZAMNx61dksLOa8t7uW1ge5tQwgmaMF4gwwwVuq5AAOOuKsUUAcb4H+H+n+GbQXF9pelPrf2q5mOoQ26mUrJK7KPMKhs7GCn8uldFfaDo+qX1tealpVjeXVo263nuLZJHhOc5RiCVOQDx6VoUUB38ytFpljBpp0+Cyt47IqyG2SJRGVbO4bQMYOTkd8mqdl4X8P6bp9zY6doWm2lndgi4t4LONI5hjGHUDDccc1q0UAZmkeGtC0BpW0HRdO0wzACU2VokO/HTO0DOMnr60aj4a0LWLyG71fRdOv7mAART3Vokrx4ORtZgSOeeK06KAIVs7Vb571baEXUkYiecRjzGQEkKW6kAknHuaZqGnWWrWMllqlnb3tpLjzILmJZI3wcjKsCDyAfwqzRQBmaf4a0LSbO4tNK0XTrK2uRieC2tEjSXjHzKoAbjjmm6d4X0DSNv8AZOh6bY7SzL9mtI48FgAxG0DqAAfUAVq0UAZw8PaKIBANIsBELY2gjFsm0QHkxYx9w/3entWd4t8MPrulWv8AZUyWOqaXMt1ps5X5IpFBG1gP+WbKSrAdj7CuiooArS2keoaYbXV7W3uEmjC3EDqJIm45GGHIz6inXdla39lJZ31tDc2sq7JIJow6OvoVPBHtU9FD1BaGNpng7wzot4LzRvDuk6fchSontbGKJwD1G5VBxUJ8BeDzeG7PhTQzcmTzDMdOh37853btuc55zW/RQBm6v4c0TxAIhr2j6fqYhz5X221Sby84zt3A4zgdPSqus6Ldf8Io2jeEmtNG3qIEkSLatrET87RooxuAJ2jgZxmtyilZNWHfqUNL0m30HQLfS9GhWOCzgEVvG7HHA43Hryep69TWd4R8OS6BY3M2pXCXmsalObrULlFIV5CAAqA8hEUBVHoM9Sa6Ciqu7t9ybaWOZj8IGfx8virV7yO5uLW3e20+GG38pbeNjli5LMZHPTPygDPy5Oa6aiil0sPrcKKKKACiiigAri9fha++KWg2kEpspo9Nu7j7bCAZgokgUxANlNrbhncpPHylTzXaVjWfhqG28TXGu3N7d315JEYIftHlhbWItuMcYRF4JC8tub5RzQviT9fyYP4X/XU2aKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArldP8V6nrl9PLoOiQ3OjW1y1s97PemKSZkYrIYYvLIZQQRlnTJB7cnqq4zw9oPiTwoZtJ01NKutGe8luILiaeSOe2SVzIyGIRlZNrM2DvTIxnGKFuD2/rz/4Bt6ze6/bSY0HRrO/VY97vd6gbYE84VNsUhJ453bRyME844nxr4v1fVPhRaeIPC0CW9tem1kaaS+eCeEtcRrsASNgwPKsdw4J4bpVzxH4F1DVfGd5qkmm6Brtpc20UFumubnGmsud7RxbGVw2QxG6MkjG7GCJYvAF8PgtB4Pe7tk1C3gQRzqrGLzY5BIhxwduVGf60ltd91+bv+g/tW/rodA2uXukaBqGreL7Sx06CyjMrGyvHugUAyfvRRkHsAAc0aDquv6kY5tV0CHTbSdN8WL7zZ07gSx+WoQ46hXfB496q6jo2qeLvBuq6J4otrLTmvYDCslhdvcgZH3/nijwQcHHP1qzoB8VKIoPEVvpKJDFta4srmSRrhhxny2jURg9cbn9Peq6k9F/Xb/gnn3g3xff+G/ARvJtEDaLb6xcwXF492Ek/eXrrvji2kOqlwCWZDw2AcZPr9edXPw+1Wb4RXXhZbizF9NfPcrIXbygpvfPAJ25zt46dfbmvRaS2/rsv+CN/E35v82c/458QS+GPB17qVoiyXgCw2iP91ppGCR59tzDPtWZqNlP4E+Emrvpt7LLqVpYz3T382Hea52FmlIbI5bnHQDA6CrnxF0a71vwPeQaYpe+t2jvLVAceZLC6yKv4lMfjTL6eL4ifC2+GgzRg6tp8sMfnEqIpGUqUfAJBVsgjGQQaiV+SVt/6t+N/w8i425432/r9P1KfgvV9P1O4gNv8RT4humthJJp/n2LbDgZbbDErjBOOuOeabZsh+M0n9paDawam2kP5GpW+oyyl7ZZgAjRGNVUkndkbsdMmuwsIGtdNtreQgvDCiMV6EgAcVx0ml+MG+IsfiAaZof2aOyawEZ1abeUMofzP+PbGcL93P/Aq1lb2ittr+T/4Bkr+z130/NEXxL0nTmuvDeqtp9qdRTXbGJbwwr5yp5hO0PjOOemcV0XiPxE+jTafY2Nn9v1TU5jFaW7S+UnyqWd3fDFUVRyQrHJAAOayfHGkeJdcm06HRrLSXtrG/t77zbvUJIncxtkpsWBwAf724/So/F3g658Vw6JqN5pmjXOpaXI7vpt8TPaTLINrp5hjyCAAwbyzyv3e4hfDbz/Rf5Mp/F8v8/8AgGT4v8eaxB4H8RpbxDRPEWkTWsbmJ1uows0qBXjZ0G4FSw+ZAQQeOhq9/wAJZqb6l4PtnnEMtxf3Nlq0flgB3hgkJxkZClkDgjGVI7Gq2p/D+fUfAuq6Rpvhvw34bvLyW3YHTZSY5VjlV/nYQRnIAYAYPXqKv6t4Ivbr4l6VrtjLbJpscr3F9A7sJGl+zvCGQAEEsrIDkjAjHXNVsv67L/gh0fz/AK/IY/xEvf7FbxNBoKS+FlkOb37bi5MIO1pxB5eNgOT/AKwNtGdueKq+I9Y8VxfFDw7baXaWD2c8F40UTavLGl0oWI7pVEDBSuflxv6nkd2p4I8Rjwc/gZpdN/sA7rcaiJ5PtQtCc+X5Ozbvx8m/zMY+bb/DW74k8P6nLrWgaz4dFnJc6R50Rtb2Z4klilQKQJFVyrAop+6c89KWiaf9bf1+PkHX+v6/pGb488Qalo+n+Gje6vD4aF9qQt9QuYJopEiTypGwJJ4tuMqvJQVctPFOj6N4Tv8AWf8AhLJPFNrbyBTLHJaysJDgLEvkIi7iWXAb+91AqzrOh6prs/hi7nSztZtM1EXl3Ek7SLt8qRMIxRSxy46he9XPF/h7/hKPC91pa3H2aVykkE+3cI5UcOjEZGRuUZGelLZP1/DT/gj3a9P1f/AKFp4q1a217T9M8U6Jb6b/AGorC0mtb83KmVVLGKTMabW2gkY3A7Tz0zSn+I3k/DW48W/2Xu8m7a2+y/aMbsXX2fdv2/8AAsY9vep4dD8Qa54g0jUfFcem2cejFpoYNOupJ/PnZChdi8abFVWbC4Yktywxzzmp/D/xVceC73wjYzaRHp7373cV5LNK0sqtc+f5bRhAEIJI3hnztA2jdla6pf1a/wDl/VyXtdf1o/8AgfPyOkvfGGrHxjqHh3QfD0d9PY20Ny9zcX32eHbJv+UkI7BspwApB5JK4GWWvxCj1Tw/4eutH043Go+IEZrWylnEax7BmUySANhV6ZCsSSvHPGjp+gXVp4913W5JITbajaWsESKx3q0Xm7iwxjHzjGCe/SuW0XwDr3h7w/4RayfTrnVvD63EUsMs8kcE8cxO4CQRllIwhB2HoR70l5/1v/wCuv8AXZGfDqus6ZH8VdUljt7DVbWKKZBbTfaI43WzBUhnjXd0BwV9ua6TwXrGn6ncQm3+Iv8AwkN01sJJNP8APsW2nAy22GJXGCcdcc81TbwPrtzo/jiO/vLGS98SwBYTHuWOFvI8vaflztHA3ck4zgZwOj0BvE0McFprGl6Tb28MAQTWuqSzOzAAD5Gt0AB9d3HoaF1v2X5O/wCgnqlbz/S36nPH4nzJM+jPoYHiwXwtE0YXmVdD832nzdmRDsyxbZwRtxmtvUvE98PEQ0Hw9pUOo6jFbrc3jXF2beC2RiQgLiN2LMVOFC9ASSOM87J4H8SyXx8WG9sh4vW6zDH58n2NbLOPshbZkgqS+7ZnzMHGBWxd6Fr2neM7jxH4ej025Oo2cVvfWV5cPAA8RYpIkqxuTw7KVKDOAcjpR0V/60/r5+WoPd2/rX/Lb/Mu6x4mudLi0q1j0wT61qshigsjcBY1KqWkd5QpxGoH3gpJyo25OBlXXxDl0zw/4ludV0cQ6n4djWW5s4brzI5UYbkaOUoCQRnqgIIIx3LvGHgufxRHomoXVlo9/qOlyM7WN/GXtJ1kAV03FWKkYBV9p5X7vPGD4u0JNF+Dvi8jwvoOgSy2RBXRn3iYAcbz5MXTJwMHqaOjHFXcUdNa+L9TGsafZazoSaaurpKdOJvfMcui7/LmUJiNimT8rSD5SM9M4fhnV/Gk/jvxVBNp+mSxwXNqrQya1MUtQYFJEX+jfNnO48Jye/Wtq00XW9Z8SaTq/iSHT7KHSEdrW2sbp7kyyyJsLu7xx7QFJAUKcls5GMFU0XX9H8b6tqujQabe2OseQ86XV3JbyQPGnlkrticOCoU4O3kfjT2l/Xf+v6uRF3jcq/EBkGo+Hf7V0G11LT11e18ic6jLDNb3LMQriNY9rheuC/OelbfiHxI+k3un6Zp1mt/q+pM4trZ5vJjCIAZJHfaxVQCOisSSAB1IyvHGkeJdcm06HRrLSXtrG/t77zbvUJIncxtkpsWBwAf724/Spda0PXL6+0PxDYR6fFremiSOWzlupDbzRSgB0Eoj3AjarBvLPIwRzkStte/6L9fw+RT+L5fq/wCvUqXnxDm0nQ/Ec2saMsGqeH4FuJrKG78yOeJs7HjlKAkHaw5QEFSMd6t6f4x1F/E+m6VrehLpiavbzT2LC9Esv7vaSkqBAEba4OFZxwRnvWTq3gTWNe0LxVPfS2MOt6/ZpZxwxSu1vbRx7ti+YVDMSWZi2wdcAcZO7qvhu8vvHXhjWopIBbaRFdpOjMd7GVFVdoxg8qc5I/GqW6v/AFo/+AJ+X9bf8H5HTVzGo+KNRbxBd6N4Y0iDU7qwgSa8e6vTbRxl87I1YRuWchScEAAY55xXT159rvw9W48aXuvQeHfDniBdRhjWeDWl2NBJGNoaOTypchl4KlRyoOT0E9Si7cfEVIvDGkeJYtLkbRbuXy9QnkmCSacN2zeyAEMocEMQw2jnkZxo+GvEn/CYpqM0GnqNDWU29petNu+3gcO6ptwI85Abcd2CcAVn6l4W1G/8O6Z4e0+z0rQtIlc/2vb2EjYEOSWhhAjQESE4ZjtIBOASaueEND1Lwul7pU0ttLoMEm7Sm81jNDEeTC4K42ochTuJ24BHFPTW/n/X+Xz8rrVWt/X9dfl5lHwNLJo2s6x4LnmaaLSfLn055GLP9klzsjJPXYysoP8AdC12tcR4Lf8A4SDxdr/i6DJ065EWn6fJnieKAvvlX/ZMjsAe4XPcV29PWyv/AF/S38xdXb+v6YUUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFZd/4j0zTdXtNLuZpWvrwForeC3kmbaCFLsEU7EBYDe2F961K4vRZl1T4raxqMCFIbfS7ezInUxSlxNMxPlMA4TphiArY+UnBwL4kv62D7Lf8AW52lFFFABRRRQAUUUUAFRW9pb2gkFrbxQCWRpZBGgXe56scdSe5qWigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqG7s7bULOW0v7eK6tpl2yQzIHRx6FTwRU1FAABgYHAooooAKKKKACiiigAooooAKa6JLG0ciq6MCrKwyCD1BFOooAZDDFbwRw28aRRRqESNFCqigYAAHQAdqfRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVx1x5mlfFg6hcWV49nqOlw2cVxbWrzKsyTOSsmwEoMSKdzYXg8jFdjRR1T/AK2sHRr+t7hRRRQAUUUUAFFFFABRRRQAUUVgR+N9Bm1J7KC5uJmjm+zvcRWU72ySdChuAnlAgnBBbg8deKOtg8zfooooAKKCcAmszw5r1r4n8O2es2Ec0dveR+ZGsygOBkjkAkdvWgDTooooAKKKKACiiigAooooAKKKKACiiszWr7VbE2P9j6P/AGp592kVz/pSw/ZoT96X5vv7f7o5NAGnRRQTgE0N21AKKzPDmvWvifw7Z6zYRzR295H5kazKA4GSOQCR29ar6j4lS08UadoFnaveX12rTzBHCra268GVz7thVHc59CaOtg6XNuiiigAopspdYXMSB3CkqpbAY9hntWP4W8SReJtHN0Ld7O7gla3vbKVgXtZ1+9GSOvYg9wQe9AG1RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAB6c15ZdDU/hV4fGp6Bq9nrHhZrlHj027TEyJM5OLe4Q4ky7ghXU8cBvX1OseDwj4bttX/tW28PaVDqO9pPtkdlGs25s7m3hd2Tk5Oec0Le4dLHD+KtWHw88Yapq0Kfu/Eenf6PHxiTUYRtjT6urKP+2dWdQ8ATw/DvQfDlld2M11aXKXNxa6kWMGrONzypJjkgsxf7rcqMqa3dW8Paj4j8UadJrEdjFoukXX2y3ijkaWW6nCkIzgoojCbicAvk45GMHf1LStP1myaz1iwtb+1YhmguoVlQkdDtYEcUl8P9dHdf12SD7X9en9Pu2cf4Sg0TXtJ1nw9feErCwTTb7yrnTV2XNl5m0MrRfKFwVKsRsUhicjJJNP4NeHtAt/h/o+p2ej6bHqiwvDNdxW0Ym3h2VlZwN2cjB57V3unaZYaPYpZaRY21jaoSUgtYViRcnJwqgAZPNVrfw1oVprEmrWui6dBqUpYyXsdoizPnrlwNxz35ph0PH9D8P+IfFvhiXVLTStCXxIb+V21yfVZVvLWZJjmIgW5KKFGzy9+3aenNM8SaNbah401i4ufME48WabbJJHIVaJJLeMSBCOV3g4bHUADtXrt54P8ADOo6mdS1Dw7pN1fEqxup7GN5SVwFO8rnjAxzxirj6NpkkzyyabaNJJOlw7tApLSoAFkJxywAADdRihaNPtb80/0B6387/r/mcX8P9Q0/w78P9Yur6RLPS9M1XUOinZBCk74VVUcADooH0FW/HXiKS5+Duo674Sui4uLJZbe6jLRlYmI3SA4ypCFjnGQR7V1Y0nThYz2QsLUWlyXM8Hkr5cpckuWXGG3EnOeueamtraCztYrW0gjgt4UEccMSBURQMBQBwAB2pPWNn2X5aj2ldd3+eh534b8JajY+J9H1fR9G8P6JpggdLw6Vqckx1CNk/dsw+zoHYNhg7EnDNzzzQ8I+A9E8T6BrkmqRSNePrt95F6HzNYlbliDblgREcjJ2jk9c16Bpvg/w1o199t0jw7pNhdYK+fa2McT4PUblUHmtK1s7WxjeOytobdHkaVlhjCBnY5ZiB1JJyT3NVfW/l+qZPS3n+jX6nn9z4f03XvjZqMWtWy39tDoVqfstx88EjGabDPGflcjHGQcZJHNdRZW2lfD7wWyTXkyaVpcckhluTvMUWS20bRkqoO1QBnAA5rYWztVvnvVtoRdSRiJ5xGPMZASQpbqQCSce5pbm2gvbWW2vII7i3mQpJFKgZHUjBBB4IPpU6qNl5/m3+pWnNd+X5JHE/EbVLTWvgbreqaTcedaXemGaCZAV3KQCDg4IPseRVP8AsTTfDnxE8KW/hqBILy6iuW1R1O6W5gEefMnb7znzdmHbJySM810njDwy2tfDrUvDeipa2huLM21shGyGIYwBhQcKAOgFaGi+HNG8PROmh6RYab5oXzfsVskPmEdM7QM9T19arRNtf1uS7uKXr+n9I868I+A9E8T6BrkmqRSNePrt95F6HzNYlbliDblgREcjJ2jk9c1s/ErSNONz4a1RrC1bUU12xhW8aFTME8w/LvxnHtnFdza2drYxvHZW0NujyNKywxhAzscsxA6kk5J7ms3U/B/hrW7z7XrPh3SdQudoXzruxjlfA6Dcyk4pLTl8rfhb87DevN53/E5j4iabb6v4s8EWF75jW0+oXAmjSQp5ii1kJRsdVOMEdCCQeDVTwroOjy+K/HXhqTSLGTRLe7tJodOe2RoI3e3UsVjI2jJUHgdea72DRdLtorOO202zijsCTaJHAqi3yCD5YA+XIJHGOCamhsbS3u7i6t7WGK4uipnmSMK8xUYXcRy2BwM9BSstV3/4H+QdV/Xf/M8/+DXh7QLf4f6NqdnpGmxaosLwz3cVtGJt4dldWcDdnjB57Vo+Dy0nxF8dSXOftK3drEgIxiAW6lMe25pD9c10dv4a0K01iTVrXRdOg1KUsZL2O0RZnz1y4G45781nX3hu6TxxZ+JNGnihd4haanBLnbcwDLIwwOJEY8E8EMR6VV7yu+v9f16g9n/X9f8AAON1ixu/EnxV13TtQ0HRddgtLK3+w2msX7xLFG4bzJY4xBICxf5S4wRtUZpPEGi3ejfDPQ/7du0k8YaZdBNFuIJWneS4ZyI4d7BWdWTCvnHAJPQGvRdX8OaJ4gEQ17R9P1MQ58r7bapN5ecZ27gcZwOnpTofD+jW7WLW+kWMTacrLZFLZFNsGGGEeB8gI64xmpW1v6/4f+vIb3v/AFt+RyXwrhgl07U9Svzv8UXN4y64ZFAeKZeFiAycRKuNnJypz3NT6GPK+M3iqO14gk0+xmuFC4HnnzVzn1KKufoK6kaXZ215d6jY2FpHqNygWW4EQV5towodwNxA6c5xWZ4R8OS6BY3M2pXCXmsalObrULlFIV5CAAqA8hEUBVHoM9Sapb+i/wCB93X7ielu/wDw/wDwDOkXwxD8ZoppNUnXxPPo/lR2JZvKa3EhbcPlxuyDxu6DOO9djXMx+EDP4+XxVq95Hc3FrbvbafDDb+UtvGxyxclmMjnpn5QBn5cnNdNSXwr+ur/r1G/if9dEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVycF7qmnfE4aRcalJf6fqOnzXsUc8cataPHKilFZFXchEo+9uYbfvHNdZXF6/C198UtBtIJTZTR6bd3H22EAzBRJApiAbKbW3DO5SePlKnmiPxL5/k/8Ahwfwv5fmjtKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArGs/DUNt4muNdub27vrySIwQ/aPLC2sRbcY4wiLwSF5bc3yjmtmuV0/xXqeuX08ug6JDc6NbXLWz3s96YpJmRishhi8shlBBGWdMkHtyRbg9tTqqKx9ZvdftpMaDo1nfqse93u9QNsCecKm2KQk8c7to5GCeccT418X6vqnwotPEHhaBLe2vTayNNJfPBPCWuI12AJGwYHlWO4cE8N0o3/D8Rnp1FYTa5e6RoGoat4vtLHToLKMysbK8e6BQDJ+9FGQewABzRoOq6/qRjm1XQIdNtJ03xYvvNnTuBLH5ahDjqFd8Hj3oEbtFeQeDfF9/wCG/ARvJtEDaLb6xcwXF492Ek/eXrrvji2kOqlwCWZDw2AcZPr9G6uGzaCiuf8AHPiCXwx4OvdStEWS8AWG0R/utNIwSPPtuYZ9qk0Pw3/Ynhf+yoNRujdSKzz6llWmknbl5fnDLknkAggDAxgUd/6/r/hg7f1/X/Dm5RXn/gS+1eebxHea74k1C/t9I1K5s0hlgtlUxxqpDt5cKsW5PQge1Uhq3iq4+HT+PYtaaJ/sralFo32aL7KbcLuEbMV83eUGdwcDcfu44pXVr9LJ/fsNJt2W+q+49NorzHVvF8cvj02l/wCOD4W0t9Htr22UvZxmV5Hk3fNPG+flVeB0rotW8V/8Izoekalu/tvRZXRL3WPtEYaGNsBbgqiBHTJG4rtCg5wRnD9fT8bfoL09fwudZRXI6d4+t73R9a8QTWot/DmnF/s+o+aWa9VB87om37m4FVO47sdBWjoOq6/qRjm1bQIdNtJ03xYvvNnTuBLH5ahDjqFd8Hj3oA3aK4WX4i3KaZJ4gi0NZPDEVyYGvvtmLhlD+WZlg2bTHv7mQMVGdvQG5eeMNWfxlf8AhzQfD8d7PZW0Ny91c33kQbZN/wApIjdg2U4AUg8klcDIH9foddRXl/jTxhrGp/CyLW/DNultHNNAk7yX7wT20oukjaIBI2DDcGRjuHGeD0ru7K48QSafcvqOmabBeKD9nig1GSWOQ4/jcwKU59Fb+lHRsDVori/hy1mtv4hEGjQ6PcJrM/25Ib6S6SWfahaQM6qQDkcbQBioH+Il7/YreJoNBSXwsshze/bcXJhB2tOIPLxsByf9YG2jO3PFHb5fiHf5nd0Vx934z1SXxdfeH/D+gR38tnaw3TXVxfeRAUk34UkI7bsrwApB5JK4Gdnwr4gh8VeFdO1y2iaGO9hEnlMwJjPRlyOuCCM+1G/9f12A16Kztf1u08OaBeavqG829pGZGWNcu/oqjuxOAB6msax8V6pH4g0/SvEuhw6a+qRO9nJb332gbkXc0cmY02NtOfl3g4PPAyAdVRXn5+J8yTPoz6GB4sF8LRNGF5lXQ/N9p83ZkQ7MsW2cEbcZq18RI5tH0+38aWJMd7oQ33CKx23FoxHnRH14G5TjhkHvR59P6/p/56B1t1/r+kdtRTIpUnhSWI7kkUMp9QeRT6NgTvqFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcZ4e0HxJ4UM2k6amlXWjPeS3EFxNPJHPbJK5kZDEIysm1mbB3pkYzjFdnWXf+I9M03V7TS7maVr68BaK3gt5Jm2ghS7BFOxAWA3thfehbh0OR8R+BdQ1XxneapJpuga7aXNtFBbprm5xprLne0cWxlcNkMRujJIxuxgiWLwBfD4LQeD3u7ZNQt4EEc6qxi82OQSIccHblRn+td7RSWish9bnMajo2qeLvBuq6J4otrLTmvYDCslhdvcgZH3/AJ4o8EHBxz9as6AfFSiKDxFb6SiQxbWuLK5kka4YcZ8to1EYPXG5/T3reop9RdDzq5+H2qzfCK68LLcWYvpr57lZC7eUFN754BO3OdvHTr7c16LRRR0sHW5zHxF0a71vwPeQaYpe+t2jvLVAceZLC6yKv4lMfjV/SfEEfiLwrFrHh9Yrhp4i0cM8hiCyDgxyEKxQhsqflJBB4rYqK3tLe0EgtbeKASyNLII0C73PVjjqT3NHdf1/X+Qdn/X9f5nGeC/D/iLSbjXIdfsdJ+xavfT3rNa6hJK6eYFHl7WgQEcH5tw+lUYvBviqHwV/wg6XOmjRvLNn/avnP9q+yH+DyPL2b9p2bvMx/FjPy16NRRpa3kl92wXd7/P7ziptA1/SfHEur+HbHS7uzk0uCwWG7v5Ldo/KdzkbYZARhwO3SrniTSNe8S6XYaXIbKwsrlx/bXlXLyO0QHMMR8tch/uljtIXOAc8dTRR6/1rcPT+tLHBweA75vCeveDb25g/4R+4jaPSpldnuLWNhny2UrghG+6dxO0AHGK3tBPioCKDxHb6QkcUW1riyuZJGuGHGfLaNRGD1xuf0963qKPX+v6/HqH9f1/XoeXaV8L49DBsP+EL8Ha3ZpOzRX96BFc+Uzbtrr9nkDMuSAd4yAOFqysuuxfF/wAUr4csdNuGbTbAO19ePAIj+/2kKkT7++RlenXnj0ioUsrWK8mu4raFLmdVSWdYwHkVc7QzdSBk4z0yaOlgfX+utzkLrwA//CqZPClnfKbvHnLdyx4V7jzvP3FQchTJ2ySAe/fes7jxG2l3D6hpmlxX6j9xFBqUjxSnH8TmBSnPorVr0UdwOL8HaN4l0nUNYGt2OkraarfS3rPaajLK8RdVUJtaBAR8v3tw69KzE8EeIx4OfwM0um/2Ad1uNRE8n2oWhOfL8nZt34+Tf5mMfNt/hr0eijy8rfdsHn8znNL8OXGn+ONa1cvD9kvrO0t4EViXUxeZndxjHzjHJ79KPh94eu/CngLTNE1GSGS5tEZZHgYlDl2bgkA9D6V0dFO/9f16gYvjDw3D4u8I3+h3EgiW7jAEhjDhGDBlJU/eAIHGRmsHwx4SOmanBc3PgXwdpk8MZxfaU/70Ptwdqm2UqDk/xnAOOa7iiktA3VjziTwP4lkvj4sN7ZDxet1mGPz5Psa2WcfZC2zJBUl92zPmYOMCtH4l3cl14XXwva4Or+I/9ChhRs7EP+ulJx9xE3EnHXA6kV21RG2gN2LowR/aAhjE2wbwhOSu7rjIBx7UabdP6/Pr83uO7vdb/wBfl/wNhYIVt7eOGP7saBF+gGKkoopt3dyUrKyCiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAri9FmXVPitrGowIUht9Lt7MidTFKXE0zE+UwDhOmGICtj5ScHHaVx1x5mlfFg6hcWV49nqOlw2cVxbWrzKsyTOSsmwEoMSKdzYXg8jFC+JfP8n/wwP4X8vzR2NFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWBH430GbUnsoLm4maOb7O9xFZTvbJJ0KG4CeUCCcEFuDx14rfPTmvLLoan8KvD41PQNXs9Y8LNco8em3aYmRJnJxb3CHEmXcEK6njgN6i3Doep0V5f4q1YfDzxhqmrQp+78R6d/o8fGJNRhG2NPq6so/7Z1Z1DwBPD8O9B8OWV3YzXVpcpc3FrqRYwas43PKkmOSCzF/utyoypo6X/rfX7t/Swdbf1t/S+/sejk4BNZnhzXrXxP4ds9ZsI5o7e8j8yNZlAcDJHIBI7etcv4Sg0TXtJ1nw9feErCwTTb7yrnTV2XNl5m0MrRfKFwVKsRsUhicjJJNP4NeHtAt/h/o+p2ej6bHqiwvDNdxW0Ym3h2VlZwN2cjB57Ud/kB6PRXhmh+H/ABD4t8MS6paaVoS+JDfyu2uT6rKt5azJMcxEC3JRQo2eXv27T05pniTRrbUPGmsXFz5gnHizTbZJI5CrRJJbxiQIRyu8HDY6gAdqFq0u9vxaX6g9Lvtf8L/5Hu1FeffD/UNP8O/D/WLq+kSz0vTNV1Dop2QQpO+FVVHAA6KB9BVvx14ikufg7qOu+ErouLiyWW3uoy0ZWJiN0gOMqQhY5xkEe1JvS67J/eNL3rebX3Ox21FebeG/CWo2PifR9X0fRvD+iaYIHS8OlanJMdQjZP3bMPs6B2DYYOxJwzc880PCPgPRPE+ga5JqkUjXj67feReh8zWJW5Yg25YERHIydo5PXNVbW39bpfqT0v8A1s3+h6xRXnNz4f03XvjZqMWtWy39tDoVqfstx88EjGabDPGflcjHGQcZJHNdRZW2lfD7wWyTXkyaVpcckhluTvMUWS20bRkqoO1QBnAA5pXXLzP+rNr9B2fNZeX4pM3qK4T4japaa18Ddb1TSbjzrS70wzQTICu5SAQcHBB9jyKp/wBiab4c+InhS38NQJBeXUVy2qOp3S3MAjz5k7fec+bsw7ZOSRnmnZ3sw6XX9bf5no9ZmtX2q2Jsf7H0f+1PPu0iuf8ASlh+zQn70vzff2/3Rya868I+A9E8T6BrkmqRSNePrt95F6HzNYlbliDblgREcjJ2jk9c1s/ErSNONz4a1RrC1bUU12xhW8aFTME8w/LvxnHtnFJa8vnb8bf5g9Obyv8Ahc7+gnAJrgPiJptvq/izwRYXvmNbT6hcCaNJCnmKLWQlGx1U4wR0IJB4NVPCug6PL4r8deGpNIsZNEt7u0mh057ZGgjd7dSxWMjaMlQeB15pO9n/AF2/zDql/XX/ACO38Oa9a+J/DtnrNhHNHb3kfmRrMoDgZI5AJHb1qvqPiVLTxRp2gWdq95fXatPMEcKtrbrwZXPu2FUdzn0Jrk/g14e0C3+H+janZ6RpsWqLC8M93FbRibeHZXVnA3Z4wee1aPg8tJ8RfHUlzn7St3axICMYgFupTHtuaQ/XNW7c1l6/19/3A9v6/r/g2O2orynWLG78SfFXXdO1DQdF12C0srf7DaaxfvEsUbhvMljjEEgLF/lLjBG1Rmk8QaLd6N8M9D/t27STxhpl0E0W4glad5LhnIjh3sFZ1ZMK+ccAk9AajpcfW39bXPVZS6wuYkDuFJVS2Ax7DPasfwt4ki8TaOboW72d3BK1ve2UrAvazr96MkdexB7gg965z4VwwS6dqepX53+KLm8ZdcMigPFMvCxAZOIlXGzk5U57mp9DHlfGbxVHa8QSafYzXChcDzz5q5z6lFXP0FV1t3X/AAfu/wCAT0v2/wCG/r5nbUVx0i+GIfjNFNJqk6+J59H8qOxLN5TW4kLbh8uN2QeN3QZx3rsaXRP+tx9bBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFcnBe6pp3xOGkXGpSX+n6jp817FHPHGrWjxyopRWRV3IRKPvbmG37xzQtXb+u4dLnWUUUUAFFFFABRRRQAUUUUAFY8HhHw3bav/AGrbeHtKh1He0n2yOyjWbc2dzbwu7JycnPOa2KKPMDldW8Paj4j8UadJrEdjFoukXX2y3ijkaWW6nCkIzgoojCbicAvk45GMHf1LStP1myaz1iwtb+1YhmguoVlQkdDtYEcVboo6WDrcq6dplho9illpFjbWNqhJSC1hWJFycnCqABk81Wt/DWhWmsSata6Lp0GpSljJex2iLM+euXA3HPfmtOijrcDGvPB/hnUdTOpah4d0m6viVY3U9jG8pK4CneVzxgY54xVx9G0ySZ5ZNNtGkknS4d2gUlpUACyE45YAABuoxV2igCoNJ04WM9kLC1FpclzPB5K+XKXJLllxhtxJznrnmpra2gs7WK1tII4LeFBHHDEgVEUDAUAcAAdqlooAx9N8H+GtGvvtukeHdJsLrBXz7WxjifB6jcqg81pWtna2Mbx2VtDbo8jSssMYQM7HLMQOpJOSe5qaigCFbO1W+e9W2hF1JGInnEY8xkBJClupAJJx7mlubaC9tZba8gjuLeZCkkUqBkdSMEEHgg+lS0UAc54w8MtrXw61Lw3oqWtobizNtbIRshiGMAYUHCgDoBWhovhzRvD0TpoekWGm+aF837FbJD5hHTO0DPU9fWtOigOxDa2drYxvHZW0NujyNKywxhAzscsxA6kk5J7ms3U/B/hrW7z7XrPh3SdQudoXzruxjlfA6Dcyk4rYooApQaLpdtFZx22m2cUdgSbRI4FUW+QQfLAHy5BI4xwTU0NjaW93cXVvawxXF0VM8yRhXmKjC7iOWwOBnoKnooAzLfw1oVprEmrWui6dBqUpYyXsdoizPnrlwNxz35rOvvDd0njiz8SaNPFC7xC01OCXO25gGWRhgcSIx4J4IYj0rpKKO3kG9/MzdX8OaJ4gEQ17R9P1MQ58r7bapN5ecZ27gcZwOnpTofD+jW7WLW+kWMTacrLZFLZFNsGGGEeB8gI64xmtCigCkNLs7a8u9RsbC0j1G5QLLcCIK820YUO4G4gdOc4rM8I+HJdAsbmbUrhLzWNSnN1qFyikK8hAAVAeQiKAqj0GepNdBRQtA3OZj8IGfx8virV7yO5uLW3e20+GG38pbeNjli5LMZHPTPygDPy5Oa6aiijpYOtwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuL1+Fr74paDaQSmymj027uPtsIBmCiSBTEA2U2tuGdyk8fKVPNdpWNZ+GobbxNca7c3t3fXkkRgh+0eWFtYi24xxhEXgkLy25vlHNC+JP1/Jg/hf9dTZooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiivOPHXhnQdP1fwzqdhomnWuoTeI7bzbuC0jSV9xYtlwMnJ5OTzR1S7tL73YHpFvsm/uVz0eiuL8W61FHq/wDZ8HifVtOuo7fzPsujaR9ukXJIDzfuJdqnA2jCZw3J/hy9N8ZazdeGvA/ia5lVLLUZFtdVhSIBd0oKRy5I3KBIFGM4/ec9KFr+X3/8MD0PSKK4zTfEV3cz+LdXvNUhstEsJTaWTzxL5cbRJ+9mJ4LDzCVxu/5Z8daydB8VXP8Awn+l6VBrOtatYanaTyMdY0g2ZiaPYVaJvIiDghiCMNjg5GeRatL5/hcHoek1j6p4q0rRtUtLDUnuoZbyRIoXFjO8LO5wqmVUKAkjoWBrxLw/pWn6p8OFh8OeH5x4yfUbg2urw6XJF5LC6f8AeNebAhVUyCu85+7gnivUfiMGGn+Gw5DN/wAJBY5IGMnfQteXzaX32CWnN5J/hc7SiuU8UavqB8T6J4Z0q7OnSaos8818iI8kUUIUlY1cFdzFwMsrADPGcEUdMuNYuNe13wleeIbtpbKKC7t9Uhgt1uPKlLjy3UxmMkGM8hBkEd+alvS/9f1/kB2dneWuoWkd1YXMN1byjdHNDIHRx6hhwamrzr4N6VeQ/DzQbyTXtQnga1OLCSO3EKfMehWISce7mvRa0krOwBRXCS3HiLW/iZrWiWniCTStMsLK1nX7NbQvN5knmjAaRWXb8uSCpPAwV5zs+A9cuvEXg20v9RCG63ywSvGuFkaKRoy4HYNs3Y96noD0dv67nRUVQ1zUv7H0S5v99jH5Kg7tQu/s0A5A+eXa20c9cHmuZ8O+Pv7c1yGw+2eEJfMDHbpniX7XOcAn5YvIXPTn5hgc0LV2QPRXO1oorg57jxHrXxJ1vRbPxBJpWm2Flazqbe1hebzJPNGA0isu35ckFSeBgrzlN2Gd5RXk0PxG1O+8GeCjJPcW15rwk+2Xtjpz3UqLCDvMcSI43MwXkqyqCxxxUh8W+JLXTtQZbjUZbTTtTsDFqOpaQ1pJdW00oWaNleJASuT8yIvG36mre9y+dvxsT0ueq0V51/wsC61vX9N07SUawf8At9rSYPtf7VaJDK/mDI+VWKYHcbevNei0ulx9bf11X6BRXI/EHwzoOqeFtZ1DU9E068vYdNm8q5uLSOSSPCMRtYgkYPIx3qqNWt9M+GvhpJ9auNJe5tLaONrK0+03Mp8kHZFHsfJ4yTsbCg8D7wSe/lb8b/5A9153/C3+Z3FFeX6f4j8R6p4d8Y2ujajeXOoaJKj2F1facLe4nUxrL5UkLRoAT8yBgi5BBHqdy38UXXiLxb4fg0G5MenSaadVvyI1bejgLDESR8pLF24wf3eKpa6f1qr/AKP7g2V/67fqjtKK8q8TeN5NNkl1PRfEup35t9Rjgezj0cnTipmWNo/tAhOGAblvO++MYGdop6lB4Yn+MPi4eKvDz61/oFiIFj0aW+ZPkk3AFI28snjklc468cTuk1/Wlx238v8AOx6jrWuWXh+wN7qQuvIBwzW1nNclRgklhErEDAPJGPerFhfW+p6dbX9jJ5ttdRLNC+0jcjDIODyOD3rjtEsNY0z4L3Fp4jaQ30dhc5WWTzHiQhyiM+TuKoVXOT06nrUMfiGfwx8DdG1Kzijluf7PsoIBL9wPII41ZuR8oLZIyM46jrT6yXa343/yJ7ed/wALf5nf1DDe2txcz28FzDLPbELPEkgLREjIDAcrkEEZ7Vxc8+ueF/E+hWV94judYtdbeSzcXFvBHJbzLE0gkj8tFG35SCrBuq89c5XhTQdRPxE8YqPFusAwXdp5jCKzzcf6Oh+f/R8Djj5dvHvzQtX/AF5f5jPRtS1Kz0jTZ9Q1O5jtbS3QySzSHCoo71X1DXtM0rS4tS1K6FtZzPGizSIwAMhATdx8oJIGWwBnnFcz4txq/wARPCvh66XdY4n1SeItgTNBsESkdwHkD46ZUelddqOn2uq6bc6fqEKz2t1E0U0bjIZWGCKWtr/1/X9ah1t/X9f1oWaK5H4YXt1d+BoYL+R5ptOubjTzO7bjKsErRqxPclVGT65rT8NWviK1Gp/8JRqFre+ZfyyWP2ePZ5VscbEbgZYc+v1NVpfQPX0NuiiikAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXPv4RiuNat77UdW1G/gtJzc2thcNF5MEuCAwKoHYjJxvdgM56gY6CijrcOljmb/AMEW934gu9WtNX1TS5b+KOK+jsZY1W5VMhclkZkOCRujZDjvnmpIvBGmQ+AR4RSS6/s9YPJSUyAzJzuDBsY3A4IOOoFdFRR0sHW5zzeCdJk8CN4Tm8+WweExvI0mJXYncZCwA+cv82cYz2xxUNj4HitvENlrd9rer6rfWMUkMLXksYRUcAEbI40XPGd2Nx7kgADp6KOtw6WMnw14dtPCuhx6Vp8k0kEcssoadgWzJI0h5AAxljjjpVDxN4NbxPc28k3iHVrKK2mjuIbe0W22LLGcq+XhZic9ice1aWna9a6nreraXBHMs+kyRxzs6gKxkjEg2kHJ4IzkDms/WvHeh+H70WuqnUopGlWFGTSLuWOSRhlUR0iKsx9ASe1Lt/XoPuSan4Tj1W0077RquoJqOmv5lvqsRiS4UkYbIEflkMOCpTB9MgGrGheHLfQ2uphcXN/fXrh7q+u2UyzYGFB2qqqqjgKqgDk4ySTd07UIdUsUu7ZLlI3JAW6tZLd+DjlJFVh+I5q1T2Ec94f8Ir4ZlMem6zqR00PI8emSmFoYt7FiFby/NwCTgFzXQ0UUAefN4b1PUvin4kuI9T1fRrObT7KNZrOKILckeduAeSJ+VyPuEEbvpXbaVpdnomlW+m6XAILS2QJFGCTge5PJJPJJ5JJJqvrV9qtibH+x9H/tTz7tIrn/AEpYfs0J+9L8339v90cmtOjp/X9dQe9/67foFFFFABWXa6Ba2niTUdbjkmNzqMEMEqMw2KsW/aVGM5+c5yT26VnWniXUT49k8OalpdrAjWb3tvc2960pdFkCAMhiXaTnPDMB6mrvifxHB4Y0f7ZNDJdTyyrb2lpDjzLmZzhI1z3PUnsAT2paNX7/APDB1a/rv/wTLt/h3pdn4Y0nR7K8v7d9GkMljqEcifaIWJJbkrsYEMVKspBB6ZwatXnhE6p4Y1HRNa17VNRhv02GeUW8csI/2DHEozkZyQea34Wke3jaeMRysoLoG3BTjkZ4z9afTet0+oJ7M5az+H2k2PiHSNYt570T6TYixiiMw8uRQrKHdccuAzcjH3jxXU0UU73Faxh694YOv745da1O0s54/KubO1eMR3CHqCWRnTIJBKMpx780zWfB9lqw0p7e5utKuNHYmxuLEoGhUpsKbXVkKleMFT0GMU/WPEq6HrulWl9astjqTm3W/DjbFcH/AFcbr2D8gNn7wA7ityl0/r+v+H8x9TC8O+E7Xw3dajdQXt9e3OpyJLdTXswkZ3VduRgADI/hGFHRQBgUzwv4M03wkb46bJcSm9l3sbhw3lICSsSYAwi7mwDk/MeTXQUUAcO/wr019NOlf21rS6Qtx9ph05J41ihfzfM4Ij3sobPyuzLz0yAR0Vl4dtLHxRqmuwyTG61OKCKZGYbFEQYLtGMg/Oc5J7dK1qKOlgMvxBosmvaa1kmrX2mRyKyStZrCWlRgQVPmxvgc9sH3rOsvBNpB4Rl8NalqF9q+mtCtuiXnlK0MagBQrRRocjAIY5OQDmulopW38w7eRzul+D47LU7fUNS1jU9curSIxWj6i0X+jgjDFRHGgLMMAs25scAjJytx4QVvE0+t6brOpaVcXaRrdx2phaO48vO0sssb4ODjKleK6Gin1uByPjnTL9ZtK8TaFbG71DQ5XdrVMb7q2dds0a/7eAGX1Kgd61df1a+svDL3mi6ZcX1/Mqra2uzafMfhTJn7ignLE9ADWzRStpYOtzB8LaEfCPg2205N19cQRtJM0YVWuZmJdyMkAbnJxkgDIyaxfhx4VvtBvPEuqX8clmNd1JryLT5JhK1svTLMpK72PJCkgDAycV3FFVfVv+v60F0t/X9ahRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV4RBoum23wfvfEEUIbxGdUuE0y7dt88c4vXWKKEnlVJ6ovDbmyDk17vXG+B/h/p/hm0FxfaXpT639quZjqENuplKySuyjzCobOxgp/LpQt7g9vn+jNvW/FGj+GV08a/fJaNqFylpb5Rm8yVui/KDge5wB3NZXxB0G58R6TY2dlcWJljvUuDp+ok/Z9QVASYZAvJH8XRhlBlTXR3umWGpeR/aNlb3f2aVZ4PPiV/KkXo65HDDsRzTdS0rT9Zsms9YsLW/tWIZoLqFZUJHQ7WBHFJ/qC0PML7XZrL4WeMrXw7okfhzUdHlME8FhcBreLdsLSQOijb+7becIpViSRnJOh4e8HX1t4j0nU9L0Tw7o+km3kjvhpmpST/ANoxMn7supt0WQhsHexJwzc88+gadpdho9illpNjbWNqhJWC2hWONcnJwqgAZNUdN8H+GtGvvtukeHdJsLrBXz7WxjifB6jcqg81XX+uwdDhvC3gzwmPiX4wtZPDei7rWazmtIjYxfuUMA+ZBt+UF1bp3FbHxQ/1PhX/ALGWy/m1dNqPhrQtYvIbvV9F06/uYABFPdWiSvHg5G1mBI554q5dWNpfCIXtrDcCGVZovOjD+XIvR1z0YdiORSX2fJr8Gv8AIH180196OE+Jr3k+t+FNLW1s7vTb68lFza3101vBcyLHmKKRhG+4E7iEKkMVUVk6h4c1bw98O/H32qz03TNLutOkkstN067eaK2bynEm0NFGEDHa2FGM5/H0/UNOstWsZLLVLO3vbSXHmQXMSyRvg5GVYEHkA/hVOy8L+H9N0+5sdO0LTbSzuwRcW8FnGkcwxjDqBhuOOalq8Wu5SdpJ9jntI8BaJZ22ka3ZxywalbWZ827VwZb0PFgidyC0gzhhk8FRjgYrxq38P2B8IQ3Dxs8j+BZ72Tc2RLMj4jdh0Yxg4TP3cDHQV9MrGiRCJUVYwu0IBwB6Y9KoDw9oogEA0iwEQtjaCMWybRAeTFjH3D/d6e1VP3pNrr/lL/MmHuxSfl+DT/Q4bxrplhNp/g3WJrG2k1Marp0YvWhUzbC2SvmY3YyScZ71b+Imm2+r+LPBFhe+Y1tPqFwJo0kKeYotZCUbHVTjBHQgkHg10uoeDPC+r3C3Gq+G9IvplQRrJc2MUjBR0XLKTgelXYNF0u2is47bTbOKOwJNokcCqLfIIPlgD5cgkcY4Jqm07+t/y/yJSaXyt+f+Z5pY6jpngm5+Jca2Zg0TTXtpUsbH9yEMtuoYJtICZODkYxyaj0WIaP8AF/QLS20LQPDrXum3L3Npot75hmQbDG0qCGMDB3bW+bPzAHjn1L+y9PMl45sbbffALdt5K5uAF2gPx83y8c544qrpvhjQNGZDpGh6bYFGZkNraRxbSwAYjaBgkAA+uBUrRp+VvwsU9rGBL/yXK2/7F2X/ANKEpniAtJ8YvCEVxn7OlpfSwjHBnCxqPxCM/wCta58BeDzeG7PhTQzcmTzDMdOh37853btuc55zSeMPDcviHTbd9OuVs9X06cXenXLLlUlAI2uOpRgSrD0PtSWij5X/ABb/ACv+APVvzt+CX52/EwPiJptvq/izwRYXvmNbT6hcCaNJCnmKLWQlGx1U4wR0IJB4Ncp4kgt9P8M/FCw0COO10S1s4RFDaqFhhuihMyoF4U48okDoTnGTXe+KPCB8V6j4Zl1W10+6tNOuJJr61uV82OTdAyAKrKQ2HYH5scDPWt+PQ9Ji0Y6RFpdkmmFShslt0EO0nJGzG3BJzjFO26Gnqn6fmzgTomneFvit4OTRLVbZtRs75L6YEmW82pG4aVzzI27J3Nk8muS0/wAKDx9oySSeFI7u7n16S4fxNetAwkt47lvlI3mU/IvlCJkCjjOMV7jNp9pPdQXUttC1zbKy287RqXhDDDbWIyuQBnHXFeTt8JNRfw8+jS6T4bkvnlJbxY8jtqBJl3mfYYc+bj/ptjPfHFCeq8v87kpWhb+trHX/ABWih/4VNr+8BPJszJAVXlJVIMZA9QwXFamvx2d18P8AUI/EtxJbWUumuL6eLIaNDGd7DAJyBnjB+h6VX1/wzc+IL3SLS7ukOiWTrc3ULZMt5KhBiVj0CBhvPqQoxjNaXiHTr7VtEuLDTb6Cxe4QxSTTWvn4RgQ21d6jdzwTkeqmlJXi7df6/H9Cov3l5f1+H6kHg59JfwVpH/COXb3ulJaRx2txISWkRRtBbIBzxyCBg9hW1Wb4d0Gy8L+HbLRNKV1tLKIRR723MR3JPqTkn61pVcneTaIimopMKKKKkoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiivPLf4m6hNoNx4hk8NCDQ7K5kgu7iS+Hm4SYxtJHGEIdBgE7mQ8MADgEnWwHodFAIYAjkHpWF4l8Ry6JLplnYWS32parcm3tYZJvJjyqM7M77WKgKpPCsScDHcAbm7RXDWHxDuorPxPc+KNGh0xPDsgikW0vTdNOxQOuwGNB8wZQuTkk4IWrtp4r1eLXLHSvEGhQafNqkMj2LQX5nUui7mil/drsbHPy7xw3PAyAdZRXm3hnV/Gk/jvxVBNp+mSxwXNqrQya1MUtQYFJEX+jfNnO48Jye/WrfxB8Qa7Z362nhe5MMmnWEur3yiJJPOiQgJD8wON+JORg/JwaOi8/wDK/wCQ7N7HfUVy+veM10XSdK1uOyF1oV20f2u+WfabOKQDZKU2/MmSNxyNo55GcO8P+KrrxRb6ne6PpsLadDI0Wm3c10VXUGUYZwAh2x7uA43ZwTj1LbrsK6aT7nTUVxnw4Np5HiBbfRYdIuV1qYXscF7JdJNPtQtIGdVIByONoAxUujeMr/xBq9+mk6Tay6bp+oPYXEjajtulZDtZ/I8vaFzkjMgYqMgZwpN7eav+X+Yd/W39fcddRXGeObibU9W0bwda3ElsNZaSW9miYq62kQBdVI6FyyJnsGbvWh4p8HweJNM0qxSYWcWmahbXiAR7gRC2fL6jGRxnnHoaFr9//Dv5f5g/6/Rf15HR0VyOm+H7zwP4f8QTaHAutXl5qFxqcdoz/Z9xkIPlB/n5AHBwATjp1qLw/wDEW38WazZ2nhqy+125tRcalcyS7P7PY8LCVCndLkNlMrtC5zyBQtdP62B6fidnRXn7fCuFtRa7/tLlvEy6/t8g9k2+T9/153fhirfxGjk0exg8aaezJeaFl50BO25tGI86Jh34G9T2ZR70dE3/AMNov10+Vw62X9av9PzsdrRTIpUnhSWI7kkUMp9QeRVXWtVh0PQr7VrtJHgsbeS4kWJcsVRSxAHHOBRL3VdhH3ti7RXPeFtd1bXbOC9vtLsbeyu7cT289jqX2oHOPlfMaYPPG3eOG5HGcaX4i3KaZJ4gi0NZPDEVyYGvvtmLhlD+WZlg2bTHv7mQMVGdvQFtNOzFfS53VFed+JdW8WW/xT8PWmm2di1rLBemOJ9WliS5CrF80qiBgpXPyj5+p5HfX8T61rGmWnhpj5Nlc3us29rdxwP56GN925Q7IpIOBztU0lrbzdvxsN6Jvsm/uOtoqOeR4raSSKFp3RCyxIQGcgcKCSBk+5Arm7PxPqkPiq00PxHpFpZS38Es1pNZX7XKP5e3erbooypw4IwCDzyO5u7B0udRRXkPg3xbqXhz4ez6g+hCXRbHU7wXd292El2G8k3PFEFIdVDc7mQ/K2AeCe31DxTqMmv3Wj+F9Ig1O5sbdJ7t7q9NtGm/OyNWEblnIUnBAAGOecUdLh1a/rex09FcZqlxovj34WXGqXOlw3EDWc00UF/AkjQSorqeDkBlIYZH51p+B3WP4b+H3c4VdKtyT6Dylo/mv0t+N/8AIO1ut/wt/mdBRXFfDsSa5az+NL6R5LjWifssZJ22tmrERRqPUgb2Pct6AVUb4VwtqLXf9pct4mXX9vkHsm3yfv8Arzu/DFO2tn/Wq/TX5WDo2v60/wA/zuegUVz9t4qVvFGt6NqNsLL+zLeK7jnMu4XEDhsyYwNu1lZSOeg55rIu9cvfE/wok1ZvDtvJbahayyTafeag8Ba1Ktg70iYhmTB24GN33uKhu0XIaV5WO3orltO17SvD/wAKbDWvsj2emW2lwyx2kbmV0TYuyJS2CzchQTjJ60lj4r1SPxBp+leJdEh019Uid7OS2vvtI3Iu5o5Mxpsbac/LvBweeBnSStJxJTvFSOqorgbbSdO0z47B9N0+1s3utClluGt4VjMzm4TLNgfMfc81sXviXUJ9evdG8M6Xb38+nxo17LeXrW0UZcZRFKxyFn2/MRtAAI55xWd/cUvX8G1+g/tNdv8AJP8AU6aivLPCHhVfFnwX8GQS3P2b7DcW9/kJv3+VIx2dRjPTPb0rsfC3hGHw3aazbmcXceq6lcXzgx7QolI/d9TnAGM8Z9BVtWbXa/6f8H7vMO39d/8Agff5HRUVxXgaWTRtZ1jwXPM00Wk+XPpzyMWf7JLnZGSeuxlZQf7oWtr+3L7/AITo6F/Yd19g+wfav7Wz+58zft8np97HPXPtjmje1uod79DbooopAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5B4T0bXPFPw5l0FotPtdDutSvFuLwXTvcvELyQugh8sKpJG3cZDgHOD0r1+obSytbC38ixtobaHcz+XDGEXcxLMcDjJJJPqSaOodLf11MXxTZeJ7r+yR4R1K0sFhvo3vxcx7/Oth99F+U4J/D/eFcv8ToH1TxZ4O0i3j+0TyXNzdJbveyWSN5cON32iLMiOpcYCqcgtnGM16RVPVNH0zXLP7JrWnWmo224P5N3Asqbh0O1gRnnrSGv0sec2Wk2fiTSvFPw7uNJg0i5jWK4uLmC7fUUlklO9XkklVHeTKDKvyVxg4xjb8L+Ev7M1S3ubrwN4P0uaFD/p+kv+9D7cEqptk2g5P8ZwDjmur0vR9M0Sz+yaLp1pp1tuL+TaQLEm49TtUAZ461cqttSeljkU0XX9H8b6tqujQabe2OseQ86XV3JbyQPGnlkrticOCoU4O3kfjUKfD+PUfFGt614guLoyXrpDbJp+p3NsEtkQBVfy2TcSxkYg5A3cGuuhvbW4uZ7eC5hlntiFniSQFoiRkBgOVyCCM9qmqbf1/X9WK1POLPwL4ht/B1j4ON5Zrokd5KlzMs0hnk0/eWjgA2Y3MCEY7uFHGc8bfhvRNd8K2Oo6XaCxvdLt23aKk106SRoefIkPlthVOQrDcduARxXWUU9f6/r+te7Fp/X9f1p2RxvgvSPE2janq51my0lLbU7+W+MlrqMsrxFlUBNrQIGHy/e3Dr0rP8Q+CNS8QeILe7Ol6HYXNveRzL4htJ5EvvLQ/c2CMfeXKENKy4JODwB1+i+ItK8RC+Oj3X2j7BdvZ3P7tk8uZMbl+YDOMjkZHvWnQtOV9rW/QO673/4Jw/jhv7A8U+HvF8277DZNLY6g46Qwz7cSt/sq6Jk9gc9q7dWDqGUhlIyCDwRVPWLvTrDRbu51ySCPTo4mNy1xgx7MYIYHqD0x3ziqt/4g0bQNM0+e9mFpaXcsVraAQPgu/EabQuV/EADvihbW/rX/AIIPe/8AWn/AJ9d/tY6HdDw4LT+02Qrbm8dliRjxubarE464xzjGR1rlvDngjUvB+vQTaNeR3djfRE62LyVxJNdDn7VGACNzEsGUkDAXB4rqNG1/TNfS7bSLn7QtldPZzny2XZKn3l+YDOM9Rx71o0LTX+v6/wCB2QPXT+v6/wCD5hXF/E66Nz4b/wCEWsTv1TxETZQRqeVjP+ulPoqJkk+pA6kVonx94aW6NudS/ejUxpJXyJP+PojIj+76fxfd960Zr/SIPE1rZztCmr3NvIbfdHh5IlKl1V8c4JUlc5744zRa9u3/AAL/AJfhqO7j6/0vz/Ebq9nqX/CLXVn4buYrTUhamOznnXckcm3CkjB4/A/Q9KTS4dbg8KWsOp3Vrc62lqqz3AQiGSYLycDHBPoB9B0rVooet/MSskl2OC8O+Cbqw8b/ANu/2To/hyEWrQTWei3LyJfMWyHlBiiUFPmwdpY7zkgACsvSvhfHoYNh/wAIX4O1uzSdmiv70CK58pm3bXX7PIGZckA7xkAcLXqNFC0tYN7nL+J9C1S517Qtc8PizkutKMyNbXkrRJNFKgDAOquVIKqR8pzz0qLxVo2u67pGiy21vp0epafqUN9LbSXj+S2zdlRKIt3cclBXTyXtrDeQ2ktzClzcBmhhaQB5AuNxVepxkZx0yKmo/wA7/wBfMPLyscrrGn+J/EngzV9MuRY6HfXMJjtp7K/kuBz13ExRlQenGTgk9qwfD/w9u9O8baTraaH4Z0G3sbaeCW30gM0kxdVAdpDGm7lT8pXjk7m3YHpFFC0d1/X9XDdWPNbfwP4kk8I3Xg68/suLSLq7nebUIrqR52hknaUoITEqqxDbc+YccnB6VY1z4eLN4yvNdt/DvhzxAmoQxpNb60uxoHjG1Wjk8qXIZeCpUcqDk9B2uk6vY65p4vdLn8+3MkkW/Yy/MjlGGGAPDKR+FXaA6s5a90nVLfwP/ZHh3QtDspJ4JIZLSO8aC3tt4OShSA7uTnGxM5NT+EdN1aw8I2ujeILaxha0tY7VXsrt5hKqoFLHdEm08dOfrWlrWuWXh+wN7qQuvIBwzW1nNclRgklhErEDAPJGPerFhfW+p6dbX9jJ5ttdRLNC+0jcjDIODyOD3o35vPf8f+CG1vL+v8jkPhfc/YvD7+E70lNS8OubSSNzzJDk+TMPVWTHPqCO1dvWbFe6PL4mntIWt31iC2Qz7UzJHCzHaGbHAJyQpPqcVnHx94aW6NudS/ejUxpJXyJP+PojIj+76fxfd96d3L1/4Nvz/HQVrX7f0/y/A5X4p6VJqviHw9Y6RdJDqWrGbTbuPnc+nMu6duOm3auD6vjvXY+JLPVJfDcum+HLKwkM0D2xW6unt0hQoVBXbE+cemB9afp48PR+KtUh021tItaEcUuoSRWoSR1fd5ZeTaN/3G7nGO1X9T1G10fS7rUtRl8m0tImmmk2ltiKMk4AJPA7CoaXJyvb+v6+bLV+e63/AK/4HySOPj8HalrXwqbwf4ljsLQpZw2sU9pO10rGMLh2V448fMoO3njvT/C/hL+zNUt7m68DeD9LmhQ/6fpL/vQ+3BKqbZNoOT/GcA45rrtN1G11fS7XUtOl860u4Vmgk2ld6MMqcEAjg9CKs1o2+Zt7maS5UlscNJpfjBviLH4gGmaH9mjsmsBGdWm3lDKH8z/j2xnC/dz/AMCqxN4f8Q6f4s1m/wDD8mnfZtcWEzSXbuJLSSNPL3qgUiUFQvylk5HXmuxoqLaW/rXX8yurZgeB9BuPC/gjTNFvJY5ZrOLy2eMkq3zE55A9fQVvkhVJY4A5JPaimuiSxtHIqujAqysMgg9QRTbb1BHFeC3/AOEg8Xa/4ugydOuRFp+nyZ4nigL75V/2TI7AHuFz3FRf8JBrF98aoNM0TUIb3w/bae/9qQxRqwtLgMQgaQchz02Z4AJI713MMMVvBHDbxpFFGoRI0UKqKBgAAdAB2rnz4+8NLdG3OpfvRqY0kr5En/H0RkR/d9P4vu+9NbpL+un5v77A9m3/AFb/AIC+46OiqU2s6fb63baRPcrHfXUTywQsCPNVMbtpxgkZBxnOOcYq7SAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAryODxF4sT4d3/jS68QF/7Pu7gRadHaQrFcQxXLIVkYqX3kAgFGUDC5BOSfXK8z8D+B5r3wwkfiO91YWg1O6nOizpHFA2LqRkLfuxKynh8M5U5HBHFC3B7fP9Gelq25A2MZGcVxvxE8SyaB/YUDavFodpqV/wDZ7nU38vdbqI3cbfMBQFioXcwIAJ46GtTxV4N0/wAXnSjqc13F/ZV/HfwfZpdm6ROgbg5H0wfQisD4h2t8/iXwxfQDUbays5Lhp9R0q1N1c27NHtVBFtfKNk5Plvgqv3etL/P+v8hr9DEsvGOtaN4P8Y+IpNZuPEllZXAh0a4mtYlinBCruHkxqZFEjlSy8HYduOa0tE13Wv8AhKtNsE1DX9Xs7+GVLye/8PSWa2UqpuV43MEahWORtfefu89c2fDtvqfiV/EGmeITqGqeGJo44rafV7MWdzKxX96AixxMEB24YopznBOM10Wj+H73SZozN4o1jUoI49i296tsVPGASyQq5I9S3PfNV69v0J9DjPCmg6ifiJ4xUeLdYBgu7TzGEVnm4/0dD8/+j4HHHy7ePfms/wCKepaPqnieTSNR1rT9Om0XSnv7MXl0kO6+c/uCNxGSojY8f89BXfXHhBW8TT63pus6lpVxdpGt3HamFo7jy87Syyxvg4OMqV4q9pWg2uk6hqt7A80txqlyLid5WBwQioqrgDChVGBz1PNTq0vL/K3/AAV6FXSf3f1+nzOS1jxbf3Xw70nx34dvlWzgjS8vrBlj23cJwJIwzDKyKc7cEZYbTnIxd8EahrHizQbzXrzU5LW21Zm/s21gSEtYRDKglirZlJBLBtyqflxwalh+G+lQx2VuLy/fT7PUpdTj09pE8kyuxcAgJuKI5LKuevXOBi9ZeEotLudZl0nVL+yXVpPOaGIxNHbSkDdJErRnBYjJDbgTk4qrrV9/w2/ry+ek2asu347/ANf8NrS8A6hqV4mv22rajNqLadq8tpDPPHGjmNUQgHy0VScsecVhQeJtRs/F1xF4u1rUdCZtUNvYW0unRnTbqE/6sC48snzGUE8yqQ5xtwNp6Tw54Nbw3qF3cxeItWvVvZ3ubiC6W22SSsAC/wAkKsDhRwCB7UX/AIKTVbgLqWuatdaaLhbj+y5Hh8gsrb1Bby/NKhgGwZCOAOnFJbxv2V/wuPo/V2/GxneLcav8RPCvh66XdY4n1SeItgTNBsESkdwHkD46ZUeldTqui6frcVvHqlv56WtzHdwjey7ZYzuRvlIzg9jx61z/AI50y/WbSvE2hWxu9Q0OV3a1TG+6tnXbNGv+3gBl9SoHeurhlE9vHKFdBIoYLIpVhkZwQeh9qFt6P/hn+X3A9/l/S/rucv4g0e50DwXrcvgf/QtSklk1LH+t8+YkO64fdjeFK8YxnjFVbPxTdeJfF+hw6BciPSv7M/tTUCEVjIso2wRZIO3kSMcYPyCup1XU4dI097u5iupkXA2WlrJcSEn0SNWY/XGB3rlPhf4Ufw3ot9dXNrJZ3OrXsl19klkDm0hLHyocgkfKpzgcAs1Ed/T/AIa35P5eYS283/w9/wA18/I2j4L0A3BmNh+8OpjVi3nSf8fQXaJPvenG37vtWV8VLb/igbzV4D5d/oeNSs5gcFJIuSM+jLuUjuGIrsq5Dx3ZX/iOO08LWdtKLPUXD6nelf3cVsjAtGCeryHCgDoCx7UtdEvl/Xlb8Bq17v8Ar/h7/idVaz/abOGfaU82NX2nqMjOKr61LqEGg30uiQR3GpJbyNaQynCyShTsUnI4Jx3H1FR65olrr/hy90S7aWK1vLdrdzA211Vhj5Tzj8iKj0vw/baR4UtdAs57oW1parbRzGX98FVcA7hjnjsMe2OKctb2FG6tc5fwJ4iN5fJY6p4h1WbVms1muNK1rTUtJoznBeLbGgZMhgcGQfd+YfxcxF8QNe1LQ28R6Zca5NdNdMYNDg8OzSWkkAkKbDMICxkKAsWEoUNxtwMH0PTvCS2uuxaxqesajrN7bwtDbPfeSot1cjftWGNBltq5JBOBxjnMNr4KOmXEn9ieItX0yyecz/2fALeSFGY5cL5sLuqscnaGABJxin1T/rcXRr+tv67HN+KNHvrn4veF2i8Sapai4t79oxFFan7MAsWVTdCcg99+48cEVo+ObeS1tfCEE93NeyJ4htA1xOEDyH5+SEVVz9AK3/EHhiDX7jT7sX15p19p0jSW13ZMm9Ny7WUh1ZGBHUFT0FRaz4TXXNH0+zvNY1FbjT7mO7iv4xAJjKmcEgxGPv02AUlpy+TX53G9U13T/FGpq97FpujXd5cXkNjHBCztczjMcWB95hkZA9MjNcFoPiq5/wCE/wBL0qDWda1aw1O0nkY6xpBszE0ewq0TeREHBDEEYbHByM89Pc+EF1Tw7qGi+INZ1LWLa+QIzXIgjeLHIKGGJOc4PIPIFRWPgeK28Q2Wt32t6vqt9YxSQwteSxhFRwARsjjRc8Z3Y3HuSAABaSu/60f/AAAex55olz4g0H4Tah4ls9bMUOm395NFpyW0ZinjW8k3rKzAuWPzAFGQD5eDyT0OteLru98a6no0Gp6zo9tplvCRJpOiPfPNNKpfLnyJVVFXaAAFJJbniti3+G9jDbmxl1fVLnRzdPdf2TK0IgLtIZcFljEjKHOdpcg4AORxWjqXhJLvXH1fTdX1HRb6aIQ3EliYmFwqnKb0ljdcrk4YAHBIyRgUui/rp/X5j6t+v5mdZarqWt/CG5vtcs5LPUJNPuVnikt3gO5Q67tj/MoYAMAexq94Ll8j4ZaFMRkR6TA2PXESmrGp+HbnVNBXS5PEOqQ5Ro57mJLbzbhWBBDboSo6/wAKrT/Dfh4+HNHj0z+1b7UraGNYoRerDmJFXaFHlxpkYH8WT70O/v262t8r/wCYl9m/S/42/wAjE+FUQm8CW2uT4e/15m1G7mzku0hyoz6Km1AOwWtY+C9ANwZjYfvDqY1Yt50n/H0F2iT73pxt+77Vl+BLK/8ADb33hW7tZTY2MjTaXeqv7uS2diRET2kQkrjuu012NU7XvH5f5fK34C11T/r/AIe/4nm6afqmo/GbxPFp2syaTCNNsDLLbwRvMzZm2gGRWQL97PyknjBHObWnavrHiD4Stqp1efTtTs0uRLcWcMOJ3gaSPJWRHAVim4gAH0IrZ1DwYLrxDd6xYa7quk3F7BHb3K2fkFZVj3bT+8icqfnblSKluvCFs3heHw/pGoXui2EUbRFbLynaRGBBVmmSQ85JJ4YnnNRJNwaW5aa57vbT8kZF34vv9L+D+neIGEd1qVzaWgDSgKhmm2JvYDHyhnyQMdMcVFdXeueEvEeiW194hn1u21gy2rpdW8EbwzLE0gkjMSJ8p2EFW3HlcHrnXsvBNpB4Rl8NalqF9q+mtCtuiXnlK0MagBQrRRocjAIY5OQDml0/wZFbX8N7qmsanrdzbQmG1k1Bov8ARwwwxURxoCzDALMGbHAIyc3U1cnH+vL+v0RELqKT/r+v63PKofGXjqTw9Hfv4jVTL4Wl1lgtnDlJIm2qq5TGH4L5B7hdvGO913xEs0ltbp4m1XTr02KXDWuiaR9udS4+/L+5m2qTjaPkzhuW/hsp8L9FTSU08XV/5SaK+ihjIm7yHOS33Pv8dentVibwDanVJr6w1jVtMa6t4ra8SzljUXSRghdxZCyNtJG6NkPuDzSlqml/Wsv05R9b/wBfZ/4JgnxX4l1b4T+Hdd06G5E97JCdTl0y1Wa4hh5DyQxOCCSwXja5AY4U4ra0bXZtQ8G6tN4Z1c+I9Ss/OjgW/txbTLOq8RToFj2neO6p8pH+8b1l4Qh0rwrY6Ho2q6lp8dgNsFzC8bS454YOjI3Xup9RzzUmleFLbSrXUVF7fXN5qcnmXeoTSKs8jbQqnKKqrtUAAKoHHTk5Ja81uv8AwP69QWljn/AniI3t8lhqniHVZtWazWafSta01LSWM5wXi2xoGTIYHBkH3fmH8XQHwXoBuDMbD94dTGrFvOk/4+gu0Sfe9ONv3fao9O8JLa67FrGp6xqOs3tvC0Ns995Ki3VyN+1YY0GW2rkkE4HGOc9DTvs+v/Bv/kLy6f8AA/4c434qW3/FA3mrwHy7/Q8alZzA4KSRckZ9GXcpHcMRW/qB1LUPCtw2hzR2ep3FmxtJJ13LFKyfKWGDwCR2P0PSsPx3ZX/iOO08LWdtKLPUXD6nelf3cVsjAtGCeryHCgDoCx7VpeMLea48G6hp1jpU2pNeWz2q28E0cWA6FclnZcKO+Mn0BqH8Dt/X9aL5Fq3Mv6/rr95oaNFqMGh2UWt3EVzqKQIt1NCu1JJAo3MBgYBOew+gq7WB4F8PXHhTwJpGh3t0Lu4sbdYpJQTgnrgZ52jOB7AdK360l8TsZxvyq4UUUVJQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUV4RBoum23wfvfEEUIbxGdUuE0y7dt88c4vXWKKEnlVJ6ovDbmyDk0dR9P68/8AI93orI1vxRo/hldPGv3yWjahcpaW+UZvMlbovyg4HucAdzXK/E+TztU8J6a+nSazBdajI1xpCtGq3kaQu3PmMqNtba2xjzj2oEtvlc9Borxufw5feCfh1461vRNGh8PXOpS+bb20DIJbO3AVGJePcEOPMkAQsqZ4PWtrw94OvrbxHpOp6Xonh3R9JNvJHfDTNSkn/tGJk/dl1NuiyENg72JOGbnnkA7fTtetdT1vVtLgjmWfSZI452dQFYyRiQbSDk8EZyBzTNd8UaP4aNmNbvPs322YQQfunfc3vtB2j1Y4Azya4Twt4M8Jj4l+MLWTw3ou61ms5rSI2MX7lDAPmQbflBdW6dxUfio3Pijxpr9jb6FqGrWthpLaWktnJbgQXFwBJIx86VOQohxjOOaV9F6fp/np5Njt/X9feeq0V5Dqurw+I/hXoGvzg23i6zuVt9OCjdKNRVvLeEjIyjlGDjONvPYVufDTT7HUdE1i41uGO78QX1zJF4gjuYlJWQfKINpz+5CY2DkFTnuaq2rXb/gf5/l3Jvor9f8Ag/5fn2Ov0W+1W+F9/bGj/wBl+TdvFbf6Us32mEY2y/L9zdz8p5GK064b4Y2Vrp3/AAldpp9tDa20PiCdY4YIwiIPLj4CjgCududPXwhrk3iHV9I0vxFaX2tKYNbt59upWvmPsSPBHzojYj2pIPlyNmNwpLXl80vxt/mPv5N/hf8Arueh+J/EcHhjR/tk0Ml1PLKtvaWkOPMuZnOEjXPc9SewBPaqninxTP4Z0zSrl9NFzLf6hbWLxC42iEytt3btp3YPbAz7VmeIC0nxi8IRXGfs6Wl9LCMcGcLGo/EIz/rXbULZPz/BP9f8ge9v6u/8v8zn/CXid/E8WrPJY/Y/7O1SfTwPO8zzPKIG/oMZz05x6mugrK8T2Oj6j4W1G28TLE2kvAxuvNOFVAMls9iMZBHIIBFeZfDTztU8V2svjOaW4vbLTg3hsXcQQy2bHBuSMn9+QED9CoK8fMaFq7f1t/wNvXsD0V/X/gfnb7u50TfE6ZdRa1/sLIXxMugb/tg5ym/zsbPT+H9a6TWPEq6HrulWl9astjqTm3W/DjbFcH/VxuvYPyA2fvADuK3K4/4sJE3wo8QNLw0VoZYWAyVlUhoyPfeFxSvZK/T/ACX/AAX8+w7c0rL+tf8Ahl8jsKKzbjVrfRvDTarrs628FrbCa6lKkhAFyxwBn8AM1Wu7y08S+BZ7rSNY+x2upWLG31NMp5IdPlkGdpBGQcHB47GnK6vbWwotSs3pc26K808F26eEvFNl4bv/AAvpOm6lcaczpqGiS5iuxGQHM0ZVXVuVIZt/32AbJOeX0Pw/4h8W+GJdUtNK0JfEhv5XbXJ9VlW8tZkmOYiBbkooUbPL37dp6c09L6f1rYOn9drnsF5r1rZeI9M0WWOY3OpRzSQuqjYoiCltxzkffGMA9+lR674p0rw5LZxapLcCa+dktobazmuZJWVdzALErHgc9K4rxb4W8N3Hxa8Ky6noWky/2hHercNNaRt9plEcZTdkfOQFbGenNO8bac9l4x+Htj4aFjpZiu7tbdWtN8EQ+zNkeUjJxjPRhyc+1T9lf11H39GdxoniDTfENrLPpNw0ohlMM0ckTwyQuOqvG4DIehwQOCD0NaVeMX95qejaL8QFF15mqR31rJqGr2IMaiGQIGCJkmJo4Qf42IyG3c8b82j6L4b8feEl8E2VrZPfect7HYKqrPZiIkSSBfvYk8vDnJyxGeaa1t8vyv8Ad/wewnpf5npFFeF6td29r+zneW9zPHFPLrcsKRuwDNINSLFQOudoJx6DNdUfDWk+I/jF4nXXrOPUILfTbEpa3Hzw7m88bzGflLADAYjIycYyaTdo839bXH1d+n+dj0qsXSfEP9qeJNe0n7L5X9jywx+b5m7zvMiWTOMDbjdjqc15h4VuH1zwx8NNK11zcaVew3a3EMzEpdPCMQxyA/fGAzbTkEoD2q3o2qeHfC3/AAsrUNOtI10W0mgAg0tRCpPkKjBCu0L8+QWBGDk54qpe635X/BoFrZHr1FeR6LENH+L+gWltoWgeHWvdNuXubTRb3zDMg2GNpUEMYGDu2t82fmAPHMnhHwHonifQNck1SKRrx9dvvIvQ+ZrErcsQbcsCIjkZO0cnrmi2v3/g7C6X8/0uei61farYmx/sfR/7U8+7SK5/0pYfs0J+9L8339v90cmtOuA+JWkacbnw1qjWFq2oprtjCt40KmYJ5h+XfjOPbOKZ8TXvJ9b8KaWtrZ3em315KLm1vrpreC5kWPMUUjCN9wJ3EIVIYqopLVfO34L/ADDr8r/n/kehUV57ovhXV9J0nxTbXEuneGNN1CEfYI9MvHlj02QoyySLujiCAsVbC45z0JzVfwVbp4S8VWXhvUPC+k6bqNxpzOmoaJLmK7WMgOZoyqurcqQzb+XYBsk5a3sHS51+o+JUtPFGnaBZ2r3l9dq08wRwq2tuvBlc+7YVR3OfQmjWvF+jaBeLaahPcNctCZzBaWc106RA4LssSMUXPG5sA4OOhrE8HlpPiL46kuc/aVu7WJARjEAt1KY9tzSH65rGtm1Rvih4x0uC4j0w3ItruTUpHUyJaCFUAhQ8EhxLl2+VCc4YnAnovNX/AK/rv5D0u/6/r/hj0iyvrXUrGG90+4jubWdA8U0TBldT0II60+4uIbS1lubuaOCCFDJJLIwVUUDJYk8AAd64H4bXln4a+EP9o6hObfSLeW7uoZZNzlbUzu0bHqzZUgjqTkU/4j6nb6z8HZ9Y0ctfadILa8byhgzWwmR34bGPkByDjvnFOWm3/DX7/wBdBRu9zotG8aaHr14tpp9zOtxJD58Ud1ZzWxmj/vx+ai+YvIyVyBkeordry2+h1DUfiJ4I1G6vopL6WWa5jsrOTfBaWX2dgx3ceYWZox5hAH3QoHO7vW8T6MvixfDTXyDWHtfta2pVsmLON2cbc5B4znHOMU7f1/X9aMV/u/r+vmjVqjq+s6doVg15q93HbQA7QWyS7YJCqo5Zjg4VQSewq9WZr9tBLo93PLBG80NrN5UjIC0eUIOD1GR1xWc5OMW0XFXkkT6Rq1lruj2uqaVN59ldxiWGXYy71PQ4YAj8RVyuO+Ef/JIPDH/YOi/lWzovifSPE8Oof8I/fpdNYXD2k5VWXy5l6j5gMjnqMg9jWlRcsml0M4Pmim+pVk8eeHItUewkv3Dpc/ZHn+yy/Zkm/wCeRuNvlB8kDaWznjrxU2seJV0PXdKtL61ZbHUnNut+HG2K4P8Aq43XsH5AbP3gB3FeOGO+1P8AZ8mtLyYWMNlG9itjDIGuLzUfMwBKR9398chB8zcMxAJQ+l/E+L/iz2t/bGBnhsfMR1XJE64KEe+8DFJ6K/b8V/Wv3eZdry5V1/D+v8ztKKwtfjs7r4f6hH4luJLayl01xfTxZDRoYzvYYBOQM8YP0PSn+Dn0l/BWkf8ACOXb3ulJaRx2txISWkRRtBbIBzxyCBg9hTtZtdv+D/kSndJ9/wDgG1RRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXG+B/h/p/hm0FxfaXpT639quZjqENuplKySuyjzCobOxgp/LpXZVy8HxI8K3M4jt9TaUef9neZLWYwwy7ygSSXZsjYsMAOQTlSOGGRbg9jfvdMsNS8j+0bK3u/s0qzwefEr+VIvR1yOGHYjmuX8ceErrxHqOj3kVvp+qW2nvKZtH1R2W2uS67VkJCONyc4yjfePTrXY1n6zrunaBaR3GqTtGssgiiSOJ5ZJXPRUjQFnPU4UHgE9BSGrnOeCPBs/h3WNX1KW107SYdQESx6PpJJtodikGTJRMu2ecIvAA561t6b4P8NaNffbdI8O6TYXWCvn2tjHE+D1G5VB5qvo3jnw/r0eoyafdzLHpZK3r3dnNarbkDJDGVFAIHJHYdcU7S/G2haxdG2srmcTmH7RHHPZTwNPF/fiEiL5q9OU3dR6imIt6j4a0LWLyG71fRdOv7mAART3Vokrx4ORtZgSOeeKu29na2jTG0toYDPIZZTFGF8xzgFmx1JwOTzxXE6J8TLfUfFOt6dcWWprb2k8EdoY9Dvd5DxKzeb+7Oz5icbgvHPI5rQ8a+Nz4Rks44dOOoNIklzcgTeX9ntYyokl+6d2N6/Lxnnnijt5/wDD/wDDhubaeHtFivo72LSLBLqOWSZJ1tkDpJJxI4bGQzdz1Pelm8P6NcTXstxpFjLJqCCO8d7ZGNygGAshI+cAdjmmaj4j0rSbzTbbULryX1SXybRjG5SSTGQu8DapI6BiM9s0yHxPpVzdarb2k01zLpBC3ggtZZNjbd2xSqkO+MZVcsMgEZoAZpng7wzot4LzRvDuk6fchSontbGKJwD1G5VBxUg8L+H11v8AtldC00apu3fbhZx+fnGM+ZjdnHHXpWd4I1N9WtdVnbXZtXVdRlRFn0xrF7JcKRblGAZiufvEZOasp400OTV5NNiuZ5JY5/s0k0dnM1uk3H7tpwnlBskDaWzuIXrxT1ug7jPGHhuXxDptu+nXK2er6dOLvTrllyqSgEbXHUowJVh6H2rdhMpt4/tAQTbR5gjJKhsc4J7ZrnfGWuX2nQ2Ol6AIzrWsTm3tGlXckCgbpJmHcIoJx3JUd6d4pi8SrpmlR+GbgtdLqFsL2UpFl7bdiY4bgcc/Lz6Ul281/X+f/Dg/0/r9bG1qGm2OrWT2eq2VvfWsmN8FzEsiNg5GVYEHBANNuNK0+8vLW6u7C2nubMk200sKs8BIwSjEZXIA6Vzel6xqfhzRtZ1H4g3Zit49WlW0l8pWCWrOqw5EQOBz1bkfxV0F5rWn2Gp2GnXVxtu9RZ1tYgjMZNi7mPAOAB3OByB3FC6f1/TDrb1/r0L9c74k8OXPiXU9Mgup4l0O1lF1c24BL3UqEGJD2EYPzHqSVUdM1gtH8Rf7RYrP/o3/AAky4Gy3/wCQVs59/vcf3/wrX8YazqPhm60/WlkEmhpILfU7fywWiWRgFuFbr8jYDDptYnqKF0f9bJr8/vXkD6r+t2v0+46S5toL21ltryCO4t5kKSRSoGR1IwQQeCD6UkNla29illBbQxWkcYiSBIwI1QDAUKOAMcY6VN1qO4uIbS1lubuaOCCFDJJLIwVUUDJYk8AAd6TtbUF5FDSPDWhaA0raDounaYZgBKbK0SHfjpnaBnGT19ahvPB/hnUdTOpah4d0m6viVY3U9jG8pK4CneVzxgY54xRovivSfEEgTTXustF50f2mxnthKnHzIZUXeORyucbh6iq8vjvw7DqhsZL9g63H2Vp/s0ptkm/55NcbfKD542ls5OMZ4qtboOjNXVNH0zXLP7JrWnWmo224P5N3Asqbh0O1gRnnrVS68JeHL3TrbT73w/pdxZWn/HvbS2Ubxw/7ikYX8K5/XviJHo3jzS9E+yXz288dwbp00i7lfcgQp5RRCHHzHcVDAcZI72td8aXNld+HrXQ9KW8n16WVIhqEstj5WyMuSymJnBIBGCoqelxnR2Ol6fpenrYaZY21nZoCFtreFY41ySThQAOSSfxqvpHhvQ/D/m/2Do2n6Z52PN+xWqQ+ZjON20DOMnr6ms3QfF638esprltFpFzoc3lX2bkSQKNgkDrKVXK7GBOVUjnI7mfSPGmh65qC2NjcXCXLw+fFFd2U9sZo/wC/H5qLvAyMlc4yPWq6/wBeouhPJ4U8PS3tzeS6Dpj3V2NtxO1nGXmGQcO2Mtyqnn0HpWgllax3k13HbQpczqqSzLGA8irnaGbqQMnAPTJrKk8Y6DF4ak8QPfY0uOYwPP5MnDiXyiNu3d9/jOMd+nNRan458P6Rq0ul3l5K2oQxrK9pbWk1xKEYEhwkaMSvynLAYHGcZGV0DqXZvDeh3OjppFxouny6bGcpZPao0KnJOQhG0cknp3qePSNNhhmhh0+1jiuIxFMiwKFkQLtCsMcgL8oB7cVTl8WaJDoVprBv1ksr4KbRoUaR7gsMqscagu7YydoBPB44NYfhXxc+sa/4tkuriaLS9Nmg8hby0a1aBDAruWWRVcDdk5YdOnFHVp/MFrZo6DTfDGgaMyHSND02wKMzIbW0ji2lgAxG0DBIAB9cCr1rZ2tjG8dlbQ26PI0rLDGEDOxyzEDqSTknuaytL8XaRq+pnTrWS7hvPKMywXthPaO6A4LKJUXeASMlc4yM9aoyfErwpE0wOqM629wba5kitJnS1kD7MTOqFYvm6FyoI5BI5oA0dT8H+GtbvPtes+HdJ1C52hfOu7GOV8DoNzKTirL6Do8miDRpNKsX0sKFFi1shgAByB5eNuAeenWsPxbrgtNU0axh1u60aWa/h3uNIkuYbtGJH2cy7dkZY992R+Nbmsa3p+g2a3OqT+UkkixRqkbSSSueiIigs7Hn5VBPB9KOnz/r8w6jNM8O6JottNb6No+n6fBP/rorW1SJZOMfMFAB445pNI8NaFoDStoOi6dphmAEpsrRId+OmdoGcZPX1pmneKNG1XTrq+tb1Ugsiwu/tKNbvbFRk+YkgVo+OfmA456UzRfFek+IJAmmvdZaLzo/tNjPbCVOPmQyou8cjlc43D1FPW4dCpfeG7pPHFn4k0aeKF3iFpqcEudtzAMsjDA4kRjwTwQxHpWlq3hvQ9fMR13RtP1Mw58o3lqk3l5xnbuBxnA6elZNxrWo6l4+j0PRnSG002NbnVrhkDFi+fKt0z0JwWY9gFA5ak1LxVqJ1290rwzpFvqUumwrLfS3d8bWOJmG5I1Ijcs5X5jkBQCvPOBN7L+v6/r0Hq5fd/X5HSXFrb3lpJa3cEU9vKhjkhlQMjqRgqVPBGO1Fva29pZx2lrBFBbRII44Y0CoigYChRwABxis3wr4lsvF/hiz1zS94t7tSQr43KQxVlOCQcEEZBIqbX9btPDmhXWrahvMFsoJSNcvIxICoo7szEAe5py0umJa7CaT4c0TQDMdC0bT9MM+PNNnapD5mM43bQM4yevqazIvCAm8ejxVqt1Hc3Vtbva2EcNv5SwRM2SWJZi79t2VGM4UZJqrZeM7+DxPpmheKtIttLutXheSyFtqH2nLIu50kBjQqwB6ruU4PPTPX0+z/rsHkFUNW0LSdet0g1zS7LUoY23pHeW6TKrYxkBgQDgnmr9ZPiHWptFsDLaabcajOyuUjj+RFCqSWkkPCL+bHsrdKmTSV2NJt2RLpHh3RNAWUaDo9hpgmIMosrVId+OmdoGcZPX1qxZaZYab5/8AZ1lb2n2iVp5vIiVPNkPV2wOWOBknmqHhHX/+Eq8H6Xrv2b7L/aFus/keZv8ALyOm7Az9cCtiqd07MlNNXRmf8I3of9uf21/Yun/2r/z/AP2VPP8Au7f9Zjd93jr04qh4k8OXPiXU9Mgup4l0O1lF1c24BL3UqEGJD2EYPzHqSVUdM1hXfxNltNGfxLJo8I8KLciFb9r7bcSIX2ecsBTBQv0/eBivO3tWr4v1rUfDVxp2tpKJdCWQQanB5YLRrIwCXCt1+RsBh02sT1FJdBvqjX8Q6dfatolxYabfQWL3CGKSaa18/CMCG2rvUbueCcj1U0vh3QbLwv4dstE0pXW0sohFHvbcxHck+pOSfrVjUtStNH0q61LUp1gs7SJpppSCQiKMk4HJ4HQUum6jaavpdtqOnTCe0uolmhlUEB0YZBweRx60Lrb+u36h2/r+uhZooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvEtIlOufCS/wDCWkaffy6lqOoXkJl+wSpbxBryQmVrgqIztUZ4YtkAAE8V7bWZ4e0G18NaQNOsZJpIRNNNumYFt0kjSN0AGMuccdMUdQ6ad/0ZR8UeINQ8OrpC6ZoF3rf22+jtJzbHH2WNuszcHge+B6kVzXxQu57XxD4NeznFtcx388qSrZSXzgC3cEfZo2EjqQ2Cy/d46Zr0asTXvC1vrl9Yagt7eabqOn7xbXlmyb0VwA6lZFdGBwOqkjAxij/MFa1vKx5/NpSeJfA3jLTdG1Se/wDEuoyJc30U1i+nt0TZGkM4yqGOPaCxYE5y3pr6Ba2us+J9J1C71jxhcXmnpI8Nvquii1ij3ptdWkW0jUnB6B8EjjNdRoXhW20TUL3Unu7vUtTvgiz316U8xkQYRAI1VFUZJwqjJJJya3KewtzhLG6fw38SfEralYak1vrD2s1pc2unzXMbbYhEys0StsIK5+bHBzVS50DxD4l8ZeJbuKa00/T2tl0aKPUtMkn8+LbvkdMSx4UtIVzyDsHpXo1FTZNWf9dPy0Ku+n9f0zyQprep/C3TvBupaRfT6zJctpjXr2siRW6wP8t75gAAwiqyfNlmwBnmt/wCz+FfD+oaDqum3qTaPK7yXsVlNKupK53CdWAYySNn51GWDA9sV3lFVd3be7/r+vX0tNlol0/r+vT1vwHw71JTq3iOCWw1a2a+1ia7t2utJuYEeIogDb3jCg5B4JB46Vl3cV9ofiBx4EfxBDd3eqiW70e8015NPcO376QXDJiPIJk+SUjPGzJwPU6KS0t5JL7rf5aj7+d/x/4c4fxNiw+LHhDUrrAtJorvTlds4SeQI6D0ywjYCu4rN8QaDY+JdFm0zVEZoZcEPG214nByro38LKQCD6ir8MZht44zI8pRQpkkI3NgdTjuaFtb+u/5g97lTW9Jtte0G+0m+UNb3sDwSDGeGGM/Uda8/wDhl/aGv61cavr8LLc6Bb/2BEzYIkmjb/SJlPoxEY/4CRXoWqWM2o6e9tbaldaY7Ef6RaCMyKPQeYjrz9M+mKZomi2Xh7R4NM0uNo7aEHG9y7MSSzMzHksWJJJ6k0LRt/1/Vm18/IHqkv6/q6X3F+uO+K80a/DDWLVlEk+oQ/YbaI9ZJpSERRjvk5/CuxrLvfD9lqOvafq175ssunBzbQl/3SOwwZNvdwuQCegY465pNX0ew07aobqV3daB4QnurSwm1S6sbPclpCfnuGVfug4PJx6E+x6VXSceJPAIm1zRLmJdRsM3elMf3qh0+aL+E7uSOx+h4reopy969+oo+7a3Q868HS6vbeJ4NN0q+1zUvDcdkRK+vaY9tLayA4jWOR442l3AnIKtjYCW5xXNaV4cki8LyeEfFWr+MLY/aZElgstHSe2mDSmRZUnS0fhshiWfcDnOMV7VRTvrcDivF6z6d418La8bO9u7GzW7t7lrO2e4ki81F2uY4wXIzHg4BxkVk/EBI9Y1rwTqbWeuPpcVzcSXL2NpeR3EKtAyqSsSiZMtgdB78Zr0uip6W/ruH+R5DJ4Y1O+8H+KbXQLK9GlT3lve6fb6irJc3bo6vcBjLiUhymAZjuP+7troZrqXxl4v8NXWladqVnb6TLJd3k+oWEtoV3wtGIVEgUuSWyduVG3k8jPe0VQu/wDW54jq0GqRfCbUfCEOg6vc6quqSSv5VjJ5QiN95wkWUgK4KkfKhZuTlQAxHfaTp9xH8WPE99LaSrBNp9jHDcNGQrlTNuVWxg4yuQPUV2FFTa8bf1tYb1v5/wCdzxvwtYanoXh34eanqul6kYdMjvYLyBLOWWa3aXPluYVUvj5SvCkgP6Vq21z4mtl+IOu6RoVzFfXTW82mwXUXzShYFXdt4y2ATsznOFODkV6fRTlrfzv+Oo07NHlWjx6pqHxN8OXzXHibU7O1tLtJrvV9LSzjikdY/lVRDG/OOrAr0CsSGroPAeiL/wAIzrNlrWmDyrvWb+SSC7t/lmRp22sVYfMpXGD0IxXa0U+vya+93F0t/WzX6nAfErUV3aLZQWGq3Mtrq9pdy/ZNKuZ0SJHyx3pGVJA/hBz7VH45t7zVLzwt4j0yTWbexsZpjcGxsQ11CJU2LJ9nmiZjg5BAQsAxIFeh0VK0VvO/5L9A638rfn/mcFomiaVdWPiW8nn8Ra4NVgSC+h1TTzZvKioygRr5MOSVYjIz0HOag8HS6vbeKINN0u+1zUvDUVkRK+vaY9tLayKcRrHI8cbS7gTkENjYDu5xXolFPrcOljh/CeLD4m+NLC6wtzeS2+owZzmSAxLFkeyvGw/H3rE1XSzpfj/XX8Q2uq33h7VvKvIrbTtPkuY7iZI1jaKfygzYGxSFYKjbjuLYwO+1Lw5ZalrWm6tIZYb7TXYxTwNtZ0YYaJ+PmQ8HHqARitWhdPLT5f1b5ofV+f8AX9eTOI8N22qeDPhfdXU2ky3eqBrrUTpkDhnLySPKIVIyMgMBxnnOM0eKLbWPGfwlWaz017DWJore+j0+55ZJY3SXymzt5yu3nb74rt6KHr+FvK39L7hLQ8t0vSk17xX4evbKx1jzbKY3+ranq9lJazSyeS8ccIDqoIBkY7YwY1APduequPGbWvxQs/CEulTeXeae95FqAkypZWwyFccADHzZ6kDHOa6is208P6ZZaxc6rDbs1/dDbJczSvK4TOdiFydiZ52Lhc84p318v+B/w33C6een9fn95pVjeKtSi07w/ciWC9ma4ieKNLOxmuWLFDjIiViB7nA962aKiUeaLRUXyu5xPwknZPhto2mXNnf2d5p9nHFcRXtjNb7Wx0BkVQ/TquRWr4Y17UPEkOrrqmgXeifZL2S0h+0nP2mNQMSrkDg57ZHoTXQ0Vcvfbb6kxXKkl0PC4fDN+/gWfwjqWnape+IYo30qwaSxkWxtYGG37RHNjyuYyWLFvMySgAB213/xQMVr8J9U08DzZby3XTrWNslpZpMRoB3JyQfwrtay73w/Zajr2n6te+bLLpwc20Jf90jsMGTb3cLkAnoGOOuaT1Vn13/r+tWVez5l02/r+tER6r/xLvBV55tiuqfZrB91m5GLnbGcoSwIw2Mcg9elQeBddt/EvgTSNXstPGm291bqY7MYxCB8u0YAG0Y44HGOBWhrOi2Wv6a9hqizPayH95HFcSQ+YMEFWKMCykEgqcg9watwQQ2tvHb2sSQwxKEjjjUKqKBgAAcAAdqd222+v/BJtZJLp/wCSiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACvPLf4m6hNoNx4hk8NCDQ7K5kgu7iS+Hm4SYxtJHGEIdBgE7mQ8MADgE+h15B4T0bXPFPw5l0FotPtdDutSvFuLwXTvcvELyQugh8sKpJG3cZDgHOD0oW4dL+f6M9fBDAEcg9KpapPqFvaA6PYxXtyzBQk9x5EajklmcKxA4xwrHJHQZIzPFNl4nuv7JHhHUrSwWG+je/FzHv862H30X5Tgn8P94VR8eeF77xI2kPaxWN/bWNy0tzpWpSMlveAoQu4qj8q2GAKsD+Apf5gvPsNi8fx2ula9P4h082V3oMqRXNvaTfaFlMiq0XlOVTcW3qMELg8e9ZE91rdz8XPCL67pllp6/Y9QMS29+1wxysWQ4MSBSOOhYdeeOa9n8Lr5fD/iqyZdG0ttZmt7mzg0yFlgtZIgpVSuBkb0GWAG7k7VzituLQPEupeN9G8Qa62mW0WnwXEJsrOZ5ceYqjf5jIpYkr93A2gdWzw+qf9bf5h0/r+v67nNeO/Euo+Jfh3PfabpVsugS31ssd5Pess8oW7jXesIjKlSw4JkBI5wOlbElzres/EbxNpcfim90ax0uztJYFtoLVlVpFkLM5liYkfID1HeqMvgHxS3gePwfDc6VHptncI8F15khluIknEiI6bMRkAcsGfdt6LnI2T8OtP1H4ha3rviPS9J1S1vLe1jtEurdZnhMYcOcOuFzuXoecc0W0t5/oh33/AK6/5FG1uI/HvwUfUvFOl2V3N9kuJYzLbq0bMgdUnRWzt3KAw9N3BrT0XXrPwz8HdF1XUfMMMGl2o2RAF5GZEVUUEgZLEAZIHPJFa/im31e70G4stBtLGeS6ieBzeXbwLGrKRuG2J9x56cfWufi8I6xqnwwTwvrYsbC5tILeO1urO5e4UyQ7WSRg0cZHzIPlGeO9F/i+X63/ADFb4fn+li9B4q1m11qx03xJoVrpz6mjiylt9RNwhmVS5hkJiQo20EggODg89M4XhnV/Gk/jvxVBNp+mSxwXNqrQya1MUtQYFJEX+jfNnO48Jye/WtmHQ/EGueINI1HxXHptnHoxaaGDTrqSfz52QoXYvGmxVVmwuGJLcsMcuTRdf0fxvq2q6NBpt7Y6x5DzpdXclvJA8aeWSu2Jw4KhTg7eR+NPZ/1/X9LzDv8A1/X/AA5F45uJtT1bRvB1rcSWw1lpJb2aJirraRAF1UjoXLImewZu9X/FPiSHwbpemx21rDJJeXcWn2kc1wLeFGION8mG2qFU4wrEnAA5rL8cN/YHinw94vm3fYbJpbHUHHSGGfbiVv8AZV0TJ7A57V0PiK1uNS0cwWen6Xq0UpHm2epsVhmTr94I+MHB5Rs47dan7Pz1/r0/N+Y/ta9tP69fwSILrxHNofhW+1jxTYLZGxUs8VnP9pWUcbfLYqhJJIXDKvze2CaNp4r1eLXLHSvEGhQafNqkMj2LQX5nUui7mil/drsbHPy7xw3PAzi2XwxebwR4h0G/a10631iczW+n2bNcWunYIYBA4XcC67yoVByQAOtX/C/hL+zNUt7m68DeD9LmhQ/6fpL/AL0PtwSqm2TaDk/xnAOOarr/AF2F0M3wzq/jSfx34qgm0/TJY4Lm1VoZNamKWoMCkiL/AEb5s53HhOT361bh/t/xB418V2Vt4pvtLh0yW3jtIre2tXjUvbq5L+ZEzN8x6BhxxkVoJouv6P431bVdGg029sdY8h50uruS3kgeNPLJXbE4cFQpwdvI/Gqy6N4s0rxb4j1DRLbRp4NZkheKW7vZUeApCseWiWEh+RnAdcjjI6iVsvT8dP8Agj6lfR/iNdX/AIe01f7PhuvEN5fT6d9kilMUPmwMwlkLkMUjAXd0Y/Mowc5rc0bWh4kk1fQ9f0mG3vLErFeWhkFzBLHIpKsrFV3KwyCGUcgjHc8ze/CiJND0OOGPTtbvtJuJriePWIB5F+05zMWwr+WSTuUhWxtAwetdB4e0SbQtOvn0/wAI+G9GvZANkOmXBWO4xnHmSC3QrjJ/hbqafe/9egvT+v6RnfDGytdO/wCErtNPtobW2h8QTrHDBGERB5cfAUcAUS/EW5TTJPEEWhrJ4YiuTA199sxcMofyzMsGzaY9/cyBiozt6Az+DNI8TaPqWrnWbHSUtdTv5b4va6jLK8RZVATa0CBh8v3tw69KwdK+F8ehg2H/AAhfg7W7NJ2aK/vQIrnymbdtdfs8gZlyQDvGQBwtCv7qfZfglcP5rd3+bLviXVvFlv8AFPw9aabZ2LWssF6Y4n1aWJLkKsXzSqIGClc/KPn6nkd+h1bxLe6TDpVo2mw3Gu6pIYobKK7PkqVUs7tMYwQiqOTsJyQAvNReJ9C1S517Qtc8PizkutKMyNbXkrRJNFKgDAOquVIKqR8pzz0qj4u8HXPiuHRNRvNM0a51LS5Hd9NviZ7SZZBtdPMMeQQAGDeWeV+73C6Jf1uPqTJ8QI7LT9cfxHp7WN7oZj+021rMLhZhL/qvKchC24nbhlXDcdOayJ7rXLr4ueEW13S7LT1+x35iW2vmuGOViyHBiQKRx0LDrzxzZl8BfbvBur6Xb+HvD/hi7uzG8T6S3mI7xsHjMmIYjgMOmDwTVuHQPEuo+ONG8Qa42mW0WnQXEP2KzmeXBkVfn8xkUsSV+7gbQOrZ4a+L+u3+YuhFck+E/ifZPBIRpvipningYkiO8jj3LIvpvRSrDuVU+tbviTXL7RDpf9n6Hdav9tv47Wb7OcfZY2zmZuD8ox7DnqKwtXkHiT4o6Nplkd8Hh1m1DUJVOVjleNo4Yj/tEO747AD1FR/E3xBrGmx6Pp/g7UIV1651CH/QPLWWS4t8kSEqclUGMl+MYxkE0R2ivP8AC/8Aw/y2B9X5fj/Vvmd5RRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVDaWVrYW/kWNtDbQ7mfy4Ywi7mJZjgcZJJJ9STU1eRweIvFifDu/wDGl14gL/2fd3Ai06O0hWK4hiuWQrIxUvvIBAKMoGFyCcknUfQ9copFbcgbGMjOKwPF+rW+madbpPrVxpL3M4jjaytPtNzKcE7Io9j5PGSdjYUHgfeA9BLU6CqVxq9ja6xZ6XPPsvL5JHt4tjHeIwC5yBgY3DqRnPFecWnxB1Ow8OeLXE1xqcukXdvBY3GqWLWkrmcRhfOi2RnCs/UKu5QPqblxpl9pvxb8JNqWvXurPJZ6hxcRQIsZCxZ2CONTg5/iLdBz1ydVf+tLgd3q2r2Ohaa9/qs/kWyOiNJsZsF3CKMKCeWYD8au1414jutW8U/CUeKbzWbmG3vLu2ki0qCKEQLF9rjVAzMhkLYAJIcDPQY4qTUoPDE/xh8XDxV4efWv9AsRAsejS3zJ8km4ApG3lk8ckrnHXjg1t53/AEuO2/8AXWx6jrWuWXh+wN7qQuvIBwzW1nNclRgklhErEDAPJGPerFhfW+p6dbX9jJ5ttdRLNC+0jcjDIODyOD3rjtEsNY0z4L3Fp4jaQ30dhc5WWTzHiQhyiM+TuKoVXOT06nrUMfiGfwx8DdG1Kzijluf7PsoIBL9wPII41ZuR8oLZIyM46jrR1ku1vxv/AJE9vO/4W/zO/qGG9tbi5nt4LmGWe2IWeJJAWiJGQGA5XIIIz2ri559c8L+J9Csr7xHc6xa628lm4uLeCOS3mWJpBJH5aKNvykFWDdV565yvCmg6ifiJ4xUeLdYBgu7TzGEVnm4/0dD8/wDo+Bxx8u3j35oWr/ry/wAxnoWsXenWGi3dzrkkEenRxMblrjBj2YwQwPUHpjvnFWLQwtZQG0UJAY1MShNgVccDbxjjt2rjfFuNX+InhXw9dLuscT6pPEWwJmg2CJSO4DyB8dMqPSr/AI+vtc0/RbWXQI7wq15Gt9NYW6z3MFvzueKNgQzZ2j7rEAkhTjhdL9/87fn/AFqPrb+u/wCX3nUUV59P47h0r4Z61rel6xJ4hn02RoV+2WnkzxSlggSeJEQghznARDtx1PzGHRNd1r/hKtNsE1DX9Xs7+GVLye/8PSWa2UqpuV43MEahWORtfefu89cvrYXS56DDe2txcz28FzDLPbELPEkgLREjIDAcrkEEZ7VNXmHhTQdRPxE8YqPFusAwXdp5jCKzzcf6Oh+f/R8Djj5dvHvzUOv2NhffGi+Go+Df+EpVdEtisfk2snkHzpuf9IdAM/7OenNH8vn/AJXH0b7f52PVaK4nxVdaj4a8HWOt+H410iz0gLLeaI0UCrLb8BogVJCSKOV2NgnjnIw/wRqGseLNBvNevNTktbbVmb+zbWBIS1hEMqCWKtmUkEsG3Kp+XHBo7+X9fj+gu3mdBoviLSvEQvjo919o+wXb2dz+7ZPLmTG5fmAzjI5GR71p1yXgHUNSvE1+21bUZtRbTtXltIZ5440cxqiEA+WiqTljzisKDxNqNn4uuIvF2tajoTNqht7C2l06M6bdQn/VgXHlk+YygnmVSHONuBtItbLuk/vt/nsHd9m/1/y3PRJL21hvIbSW5hS5uAzQwtIA8gXG4qvU4yM46ZFQatrOn6FZLd6tcra2xlSLzXB2qzsFXJA4BJAycAdzXBeKtGvp/i/4YMXiXVLb7Rb37RiKO1P2YBYsqm6E5B779x44Iru5NIiu9Ak0nV5ZNThmhaGd7pUDTKwwdwRVXoewFLXlv/W4+ti/RXI/DC9urvwNDBfyPNNp1zcaeZ3bcZVglaNWJ7kqoyfXNafhq18RWo1P/hKNQtb3zL+WSx+zx7PKtjjYjcDLDn1+pqtL6C9fQ1obaC2Mpt4I4jM5kkMaBd7kAFjjqcAc+1S0UUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArzPwP4HmvfDCR+I73VhaDU7qc6LOkcUDYupGQt+7ErKeHwzlTkcEcV6ZRR1uD1VjA8VeDdP8XnSjqc13F/ZV/HfwfZpdm6ROgbg5H0wfQipPEPha38QXGn3ZvbzTr7TZWktbyzKb49ylWGJFZCCDyCp6DpW3RQBycHw60lNN1yzvLrUL8a7sa9murjdIXVQodSANp4BAHyggbQAMVLY+BrW28QWeuXuq6nqep2cckKXF5JHzG4A27URVAGM5ABJPzFsDHT0UAcTN8LdKnsG06XUtVOlrcfabaw86MRWsnmeZlPk3EZzgOWAzwAcEdBZeHbSx8UaprsMkxutTigimRmGxREGC7RjIPznOSe3Sn6dr1rqet6tpcEcyz6TJHHOzqArGSMSDaQcngjOQOaz9a8d6H4fvRa6qdSikaVYUZNIu5Y5JGGVRHSIqzH0BJ7UdkHf+vMv+INFk17TWsk1a+0yORWSVrNYS0qMCCp82N8Dntg+9Z1l4JtIPCMvhrUtQvtX01oVt0S88pWhjUAKFaKNDkYBDHJyAc1onWJLrw7PqWi2FzdzrE7QWd1E9m8zrnCESqCmSMZIx36Va064urnSba41Gz+w3ckKvPa+aJPJcjLJvHDYPGRwaT0Tv/X9f1uHZ/1/X9dDH0vwfHZanb6hqWsanrl1aRGK0fUWi/0cEYYqI40BZhgFm3NjgEZOVuPCCt4mn1vTdZ1LSri7SNbuO1MLR3Hl52llljfBwcZUrxV7w5r1r4n8O2es2Ec0dveR+ZGsygOBkjkAkdvWs208S6ifHsnhzUtLtYEaze9t7m3vWlLosgQBkMS7Sc54ZgPU1WvNbr/Vw2TK3jnTL9ZtK8TaFbG71DQ5XdrVMb7q2dds0a/7eAGX1Kgd63b+yk1nT4WtdQv9Kl4kSW3CLIuR91kkRlPB6Mpx2wa0aiurqCxs5rq8lSG3gjaSWVzhUUDJJPYACp0S1Hu9DBtfA+lx6VqtlqL3GqnWG3ahcXjgSXB2hV/1YULtUADYFxjPXmp9H8P3ukzRmbxRrGpQRx7Ft71bYqeMAlkhVyR6lue+aisPFMt/4JuPEg0qWCMQS3NrbzyBXmiVSyM3HybwM45wCM+lZnhb4gS+JNc0/T20j7It7oMOs+b9pD7PMfaI8bRnHXd+lUr3t/Wz/RP0F0v/AFuv1a9TTuPCCt4mn1vTdZ1LSri7SNbuO1MLR3Hl52llljfBwcZUrxTNR8HG88TSa7Y69qmk3k1qlrILNbdkdEZmXiWF8HLnpiukopAYGo+E4dY/scavqV9eR6XMtx5TmJUu5V+48oVBnafmAXaucZBwKSy8JRaXc6zLpOqX9kurSec0MRiaO2lIG6SJWjOCxGSG3AnJxXQUUf1/X4fcBzPhzwa3hvULu5i8Raterezvc3EF0ttsklYAF/khVgcKOAQPai/8FJqtwF1LXNWutNFwtx/Zcjw+QWVt6gt5fmlQwDYMhHAHTiumrM+3ar/wlP2H+x/+JT9k83+1PtS/67djyvK+90+bd07UdV5fp/Wgdyv4g8MQa/cafdi+vNOvtOkaS2u7Jk3puXaykOrIwI6gqegpNZutT0Hwo39mxXevaoFENvvVA0srHCtIUVUVQTliAAADW5VXU57q10u6n06z+3XccTNDa+aI/OcDhN54XJ4yelJ7DW5l+FtCPhHwbbacm6+uII2kmaMKrXMzEu5GSANzk4yQBkZNYvw48K32g3niXVL+OSzGu6k15Fp8kwla2XplmUld7HkhSQBgZOK6/TZ7q60u1n1Gz+w3csKvPa+aJPJcjLJvHDYPGR1xVmqekm/l/X3E7pL5/wBfeFFFFIYUVl674k0zw5DbSarJOv2ubyIEt7WW4eSTaW2hI1ZjwpPTtVO58caHY+HbvXdRkvbHTrNlWeW8025gZdxAGEeMMwywGQCKB2d7HQUVkXHirRLXW9L0ia/QX2ro8ljEqs3nKq7mO4AgDHPJGe1a9AgorjfFHj2Xw5r13pyaT9rW30K41jzftITd5TAGPG04zkfNn8DV678VXFt4CtvE0ekS3Ie2huri0hlBkiiYBnK8fOUUk443Y4o6X6f8Fr9GHW39dH+qOkoqGzvLfULGC8sZkntriNZYpUOVdWGQQfQg1NTaadmG4UUUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK8Ig0XTbb4P3viCKEN4jOqXCaZdu2+eOcXrrFFCTyqk9UXhtzZBya93rjfA/wAP9P8ADNoLi+0vSn1v7VczHUIbdTKVkldlHmFQ2djBT+XShb3B7fP9Gbet+KNH8Mrp41++S0bULlLS3yjN5krdF+UHA9zgDuayviDoNz4j0mxs7K4sTLHepcHT9RJ+z6gqAkwyBeSP4ujDKDKmujvdMsNS8j+0bK3u/s0qzwefEr+VIvR1yOGHYjmm6lpWn6zZNZ6xYWt/asQzQXUKyoSOh2sCOKT/AFBaHmF9rs1l8LPGVr4d0SPw5qOjymCeCwuA1vFu2FpIHRRt/dtvOEUqxJIzknQ8PeDr628R6Tqel6J4d0fSTbyR3w0zUpJ/7RiZP3ZdTboshDYO9iThm5559A07S7DR7FLLSbG2sbVCSsFtCsca5OThVAAyao6b4P8ADWjX323SPDuk2F1gr59rYxxPg9RuVQearr/XYOhw3hbwZ4THxL8YWsnhvRd1rNZzWkRsYv3KGAfMg2/KC6t07itj4of6nwr/ANjLZfzaum1Hw1oWsXkN3q+i6df3MAAinurRJXjwcjazAkc88VcurG0vhEL21huBDKs0XnRh/LkXo656MOxHIpL7Pk1+DX+QPr5pr70Y/jfSdO1fwbqSarp9rfJDayyxLcwrII3EbYZdwOCPUc1U8L6Vp+tfCzQLPV7C2v7ZtMtmMF1CsqEiNcHawI4rb1bQdI1+GOHXdKsdTijbciXlskyocYyAwODSaToGj6BFJFoWk2OmRysGkSztkhDn1IUDJpW0kn1t+F/8/wAAe6fa/wCNv8jiPg14e0C3+H+janZ6RpsWqLC8M93FbRibeHZXVnA3Z4wee1akv/Jcrb/sXZf/AEoSugt/DWhWmsSata6Lp0GpSljJex2iLM+euXA3HPfmqZ8BeDzeG7PhTQzcmTzDMdOh37853btuc55zVXvJSfn+Ka/UHs1/W6f6HEaxY3fiT4q67p2oaDouuwWllb/YbTWL94lijcN5kscYgkBYv8pcYI2qM0/xRp+s6P8AAuHTPEVytxOtzb297NFK04Ns10oOXcKzfuyASR616Dq/hzRPEAiGvaPp+piHPlfbbVJvLzjO3cDjOB09KS68O6Vd+GZ/D5sYYdLmga3NtBGI0VGGMKAML1yMdDUrRf1rYe7NMDAwOBRWP4WsNV0vQIbDXLyK+ntSYo7pAQ00QOEZwej7cbscZ571sVT8iVseT+EfAeieJ9A1yTVIpGvH12+8i9D5msStyxBtywIiORk7RyeuaXV7C78R/FTXNN1DQtF16Czsrb7Fa6xfvEI43DeZLHGIJAWL/KXGCNqivUbWztbGN47K2ht0eRpWWGMIGdjlmIHUknJPc1T1fw5oniARDXtH0/UxDnyvttqk3l5xnbuBxnA6elTbRLsv0sVfVvu3+dzyLXfDd6q+HtH8YSR39xbaDqxlCztMkoUxmIMzqC+0bDkj7yg9qj8M39h4PtdR1K7W6mt28H6fd3nlykTXMrtKpdnyDuOQN5PygDkAV7HFoGjwwwRQ6TYxx28LwQolsgEUb43IoxwpwMgcHFPTRdKjVlj0yzUPbi1YLbqN0IziI8fcGThenJo11/r+b/NfcGmn9dY/5P7zzDRYho/xf0C0ttC0Dw617pty9zaaLe+YZkGwxtKghjAwd21vmz8wB453rbSdO0z47B9N0+1s3utClluGt4VjMzm4TLNgfMfc811Wm+GNA0ZkOkaHptgUZmQ2tpHFtLABiNoGCQAD64FVD4C8Hm8N2fCmhm5MnmGY6dDv35zu3bc5zzmq+1F9r/jf/P8AAn7LXe34W/yOUPhrSfEfxi8Trr1nHqEFvptiUtbj54dzeeN5jPylgBgMRkZOMZNVvDNnaeI/2crFtes7fUjBpszRfa4hNsaMSIjDdnDADGetempZWsd5Ndx20KXM6qksyxgPIq52hm6kDJwD0yaz7nwn4dvdNg0680DS7ixtiWgtZbONooiepVCML1PT1qJRvBxXX/g/5lp2nzf1sv8AI4bXyR+y85UlT/wjsOCDyP3S086Jp3hb4reDk0S1W2bUbO+S+mBJlvNqRuGlc8yNuydzZPJrtrTwp4dsNOubCx0HTLazuv8Aj4tobONI5v8AeUDDfjV6bT7Se6gupbaFrm2Vlt52jUvCGGG2sRlcgDOOuK0lK83Nef5P/MzjG0VHt/wP8jw7T/Cg8faMkknhSO7u59ekuH8TXrQMJLeO5b5SN5lPyL5QiZAo4zjFe8KoRQqgKoGAAOAK8gb4Sai/h59Gl0nw3JfPKS3ix5HbUCTLvM+ww583H/TbGe+OK9diQxQpGXaQqoUu55bHc+9JaRsv60KlrJv+tzh/iUl3JqXg1dNngt7o64PLluITKin7PN1QMpP/AH0KZ42i1SPwdb22v31jeS3OtafErWlm1uu03UXBVpZNx4PcfSuw1XRNK122W21zTLPUoEfesV5bpMqtjGQGBGcE8+9V7Pwr4e061+zafoOmWtv5y3HlQWcaL5qkFXwBjcMDB6jFKOm/dP8AL/IbfVdrfn/meeT+GrvwxrXhaXULiGcLr0dlY7CxMVmtvOIUbP8AEC7ZP05OKbc6evhDXJvEOr6RpfiK0vtaUwa3bz7dStfMfYkeCPnRGxHtSQfLkbMbhXqtxZWt20LXdtDObeQSwmWMN5bgEBlz0OCRkc8mqA8L+H11v+2V0LTRqm7d9uFnH5+cYz5mN2ccdelEW07vv/l/luKWv3f5/wCZq0EBlIYZB4IPeisrxLZarqWgz2WhXkVjdXOIjdSKWMMZOHZAOrhc7c4GcZpPYaOe+EuV8BiJCTaw6heRWny4xAtw4QD2wMD2xUvgBfDEFx4kt/CuqT30v9sTS6ik7MTBcMfmVcqPl44IznB5OK6HTdHg0Pw9BpOiKltFaQCG28xS4XAwCwyC3PJ5BPPNZvhPwjH4afVLya5F5qesXRur65SLykZuiqiZO1QOBksepJOarr8reu3+Vyenzv8An/nY6KiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArl4PiR4VuZxHb6m0o8/wCzvMlrMYYZd5QJJLs2RsWGAHIJypHDDPUV4lpEp1z4SX/hLSNPv5dS1HULyEy/YJUt4g15ITK1wVEZ2qM8MWyAACeKFuHS/wDXU9trJ13xRo3hlbY65fLafanaODcjMZXCltqhQcsQOB1Y4AySBVTxR4g1Dw6ukLpmgXet/bb6O0nNscfZY26zNweB74HqRWF8Q7y30/xf4GuryKeWKLUpyVt7WS4fP2WTBEcasx5x0HHXtR/mHTXtf+vuOn0/WrHxNp92ukXtzbyxEwylrZobi2cqCCY5kyDggjcpB44IrJ8A6hqV4mv22rajNqLadq8tpDPPHGjmNUQgHy0VScsecVW8PtKPEXibxdc2V9bafdx28NtE9pJ9olWFX3SeQFMgyXwAV3ELnGMZqfD/AFASaj4ltpLLVrR9Q1ae7tpLrSbmBGiKIA294woOQeCQeOlCvd+n43X/AAQey9f0f62N+Xx74ch1I2Ul9ICLgWpuBaTG2Ex48s3ATyg2eMbs5468Vla98RI9G8eaXon2S+e3njuDdOmkXcr7kCFPKKIQ4+Y7ioYDjJHflorfUP8AhUUnw8/sbUv7dMb2HmNYy/ZTliftP2jHl7cHf97dnjbu4rqPFUVxpXi/wnrb2l7e2dil1a3T2ds9xJGZY02uY0BcjMeDgHGRmjqv66f5/wBaMOv9f1/w3mdBqniex0rwjc+Ip0uBawQGYRyQPFK/YJ5bgMGJwACByRSeHY9cfw6jeI7iNNUuA0jrboNtru5Ea/3tnA3HOSCenFc78TZP7U+F8uo2kMzQW01tfyRTQSRO0MUySODGwDD5VJwQOldvb3EV3bRXFtIssMyB43U5DKRkEexFFr3+7+v66eoX2/r+rfqc54L1y/vo7/R/EBVta0aYQXMqJsW5RhujnUdg69R2YMOgFan/AAkek/8ACUf8I59sT+1vsv2z7LtbPlbtu7OMde2c98Yrm/D22/8Ai74q1G1wbe2tbTTpJFJw8675HHuVWRB7Zqa88R21l8YtP0GTQENzqGmSSR6yCu8KjEmEjG7b0P3sZYcd6a1tfr/k/wA7X/IHpfy/4H+djsaKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFZnh7QbXw1pA06xkmkhE0026ZgW3SSNI3QAYy5xx0xWnRQAVmaloNrqmr6RqNxJMs2kzPNAqMArM8bRndkEkYY9COa06KACiiigAooooAa6JLG0ciq6MCrKwyCD1BFZeh+HbXw7oZ0nTJrhLRWcwK8gY26sSQiEjhVz8oOcDjpWtRSsBm6BoNj4b0aHTdMVxDGSzPI5eSV2OWkdjyzMSST6mks/DumWOtXWrwwM2oXS7JLiaZ5WCZJ2JvJ2Jk52Lhc9q06KfW4dLBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUMN7a3FzPbwXMMs9sQs8SSAtESMgMByuQQRntQBNRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUANdS8bKrshIIDLjK+4zkfnXmXhTQdRPxE8YqPFusAwXdp5jCKzzcf6Oh+f/R8Djj5dvHvzXp9c9ceEFbxNPrem6zqWlXF2ka3cdqYWjuPLztLLLG+Dg4ypXihaSuHQyL268Qap8UrzQbHW20zS4dKgunMFtE84kaSRfkaRWUAhRncrdBjBJNR3d/4p8MjwtP4g1KC5he9bT9UMMahZfNJW3mztBVtwQMBhcueMAV1MWg2sPiq519ZJjdXNpHaOhYeWERmYEDGc5c9/TisP4kO194TvfD9ppl5qF/qsDQ2ywwSeVG56SPMBsjCHDcsCdvAJ4pK6S7/nq/0/rQdrt9vy0X66k/hPVdS13WfEF9NP/wASiK8Nlp0IRQD5XyyybsZOZNyjnGE+tdRWZ4b0SLw34asNHt5GlWzhWMyv96Rv4nPuzZJ9zWnVPTQla6hRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVz974ju18ZW/h7StOjupPswvLyee5MKQQmTYNuEYu5w5C/KPl5YZroK4vRGml+K2tPqqiC/XTLZIoIT5kRt/Nm2v5hCksTnK7QF4wWzkC+Jf10YfZb9PzR2lFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVzV3o2qwePo9f0tbO4guLOOxu4bmZ4miVJGcSRlUYOcOw2Hb0HzDmuloo6ph0sFFFFABRRRQAUUUUAFFFFABRRXGN4t8Rjx8PDI0DSyTbG9Fz/a8n+oEuzO37N9/vtzj/ao3dg6XOzormdR+InhXSdTl0/UdWW3uIZhBKGhk2xuUDqrOF2ruUjGT8xyBkgirUXjHRZ9DTVoLieW2eZoFSOzmacyKSGTyAnmbhtbI25ABJ4GaOlw62NyisjT/FWjalpd3qFveiO2sWZbs3Ub27WxUZIkSQKycEH5gOCD0rP074h+HdV1y20izmv/ALddRGeGKbSrqHfF/wA9Nzxgbf8AazjJAzzR1sHS509Fc9L478Ow6obGS/YOtx9laf7NKbZJv+eTXG3yg+eNpbOTjGeKp+MvFes+GLnTvsWi2F/bahdw2Uck2pPA6yyEgZUQONox13Z9qO3mHfyOtornNV8S32mtpenR6XDda/qYYx2cd2RBGEAMjtMU3BACBkRkkkDbzkSaB4kn1HVr/RtY09dO1WwWOV4orjz4pYnzskjcqpIyrAgqpBHpgk3Dpc36KjuLiO1tZbidisUKF3IUnCgZPA5P4VS/t7TD4Z/4SAXQOl/ZPtn2gIx/c7N+7bjd93nGM+1F+o7Nuxo0Vzt1488OWd5HZy30kl5LbR3UVrBazTTSxPnDLGilmHynOAdo5OKi1bxXp8/gZ9Y0rU7mG3u4XFtqFrpkt4bdsH52iVCRtIOQ4ABGDih6JtiWrsdPRWHY6zFZeC9P1K8vLnV1e1iY3lrp0jPcllH7zyIlZl3dcY4zWT8PvHq+L/D2nT3drdxahcwmSXbpdzFbAgn7srrsP/fZptatdhJ3VzsqK56Xx34dh1Q2Ml+wdbj7K0/2aU2yTf8APJrjb5QfPG0tnJxjPFR+MtcvtOhsdL0ARnWtYnNvaNKu5IFA3STMO4RQTjuSo70ul0PrZnS0Vjav4l0nwrbWS+IdSEL3BMUUjxkmeRVyQAo+8cHCjqSAASQKjTxroL6Hf6s15JDaaaSLz7RbSwyW/APzxOoccEEZXkHIo7gbtFYOleNdA1vVF0/Tb15Z5ImmhLW0scdxGpAZ4pGUJKoJHKFhyD0qlqXxM8LaVcPFd3t0dlyLQywabczxGfp5QkjjKM+eNoJOcjqKAOropFYMoYZwRnkYP5VQ1nXdO0C0juNUnaNZZBFEkcTyySueipGgLOepwoPAJ6CgNzQorn9G8c+H9ej1GTT7uZY9LJW9e7s5rVbcgZIYyooBA5I7DrinaX420LWLo21lczicw/aI457KeBp4v78QkRfNXpym7qPUUAb1FcHonxMt9R8U63p1xZamtvaTwR2hj0O93kPErN5v7s7PmJxuC8c8jmr/AIy8V6z4YudO+xaLYX9tqF3DZRyTak8DrLISBlRA42jHXdn2o7ef6h3OtorntU8ZaZ4bt7YeKp47G9mgec29sstyCE279hWMMwG4H7oOMnGASH6V428O619qOm6pHMlpAtxLIUZE8o5xIrMAHX5WG5SQCCDyKAN6isTS/F2kavqZ061ku4bzyjMsF7YT2jugOCyiVF3gEjJXOMjPWs/UviZ4W0q4eK7vbo7LkWhlg025niM/TyhJHGUZ88bQSc5HUUAdXRWJq/i/RtDuEgv57hrhoTOYLWzmuZEiBxvdIkZkXPG5gBkEdqdqfinTNN8Hz+JFnW70+O38+N7Zg/ng/dCEcEsSAPc0dLhu7GzRWN4dj1x/DqN4juI01S4DSOtug22u7kRr/e2cDcc5IJ6cVR8F65f30d/o/iAq2taNMILmVE2Lcow3RzqOwdeo7MGHQCjrb+v6/pCvpc6eiiigYUVz/i9fETWem/8ACKSbJv7St/tZ2xn/AEXd+9+/x09Pm9Kp6Rqeq6Doev6n4/uxFbW2o3ElvKUQ7LIEeWcRgk8Z6/N60Lr/AF2/z/B9g/r8/wDL8UdZRWHpXjLQtb1AWWm3jySujSQs9vLHHcIpALxSMoWVRkcoWHIPeqMfxK8JzTLHDqjSA3AtWmS0mMUUxcoI5JAmyNiwwA5BOQehBIHmdVRWFrnjPRPDtybfU7ifzlgNxJHa2c1y0UQ/5aOIkbYvXlsA4OOhrN1PWdU8S+G9G1T4e3EjQ3Go27TSyW4jL2e/EpCzAHG3kEDJH3etC12/roD03Ovorn/CS+Ili1b/AISqTe/9qT/YfljGLTI8r7ntn73zetdBR0DqFFFef+O/H+naZq2l6BaeKdN0m5ur3y7+5a4hMtjEsbSE7ZMqjMQqgupHzdM4oA9AorkrvWbew8AyXdt4ovNQWeORYNbgsFvzG2Gw5S2i2FVweSoHGCa19HMuo+D7Fl1iS6luLJCNUigWJ5SyD98I2UqpOd20ggdMUd/IO3ma1Fcl4B1DUrxNfttW1GbUW07V5bSGeeONHMaohAPloqk5Y84q5L478Ow6obGS/YOtx9laf7NKbZJv+eTXG3yg+eNpbOTjGeKN7W62f3h38v0OhorlvGGs6j4ZutP1pZBJoaSC31O38sFolkYBbhW6/I2Aw6bWJ6it/UtStNH0q61LUp1gs7SJpppSCQiKMk4HJ4HQUXVrh1sWqKrabqNpq+l22o6dMJ7S6iWaGVQQHRhkHB5HHrVmm007ML31QUUUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigArzZ9YT/hdyah/Z2tfY10htPNwNFu/L877QDjd5WNuOd/3cd69JooWkk+3+Vv1B6pr+t7nkWraBfz+KNXmGk3EiTeLNMnD/ZmIeFIo9z5xyinOT0BzTrWTxLoejRwW8GqadZXXiPUGvryz043NzDCZXaNkiKPlXOBv2MAD75r1uilFWVv6+z/APIjev8AX+L/AOSPD7+C+h8DfE281OPU3hv0h+z3OtRR20twnkqgYKqouQeiYVidqsAxIrpfDt7bXfjXTLnxHrlxPqiWclppsMvh650qOTO1pWzNkSSEIvCsAADhe47nxBoNj4m0OfStUWQ28205jco6MrBlZSOhDAEduOQRxWZb+C4zrVlqmta1qeuT6eWazW+ECpA7DaXCwxR7mxkAtnGTjBNNb/12t94nt/XkedaV4cki8LyeEfFWr+MLY/aZElgstHSe2mDSmRZUnS0fhshiWfcDnOMV0/xPvczeHrSCx1W7ks9ZtL2drTS7idUhUtubfHGVJH90Hd7V6HRR28mn9wPW/nf8ThNcea38a+H/ABlbWN9daYLKeyu0jspTcQLIyMknkbfN+8mCAuRnOMZqx4diutZ+IGp+KGsrmy082MWnWgu4Whln2yO7yGNwGRcsFG4AnBOMYz2dFC0+V7fP/h2D1+dvw/4ZHPeGNev/ABLDq6at4eu9GW0vZLSIXRJ+1RgDEq8Dg57ZHoTXjT6F4mTwWZk0fVjLHbv4VFotsxZrYhsXIQ4+Xft+bHTNfQ1FH9f1+P3hd9P6/wCG0+443TtKltvi9qF0LORbRdCtbeG4MR2EiWUlA3TONpIz6Vd8USWOheDr6ztNPuFW6gnjhg03TZZsyOrEkrCjbcsSSxwCT1rpaKmS5ocr8/xbf6ji+WV15fgrfocv8PbxbjwLpVo1tfW1xZWUFvPHeWM1sVcRgEDzFXcAR1XI96zPhjdPpnhaw8L6jYalaalp6yQyGXT5hC212wyz7fKIIwRhu9d3RVyfNJt9SYrlioroeK6V4cki8LyeEfFWr+MLY/aZElgstHSe2mDSmRZUnS0fhshiWfcDnOMV2PiUDT/it4P1K6I+yyw3enLI2cLPIEdPbLCNgK7ms3xBoNj4l0WbTNURmhlwQ8bbXicHKujfwspAIPqKW1n2/wArD3v/AF5/mcn8Q7y30/xf4GuryKeWKLUpyVt7WS4fP2WTBEcasx5x0HHXtWF4k0rUtd8OfELWbTTL5Y9WsIbWwtZLZ0nuPKVsv5JG9cl8AMAxC5wBjPol54ctr/UNFvbm4uXn0aRpIW3L+9ZomjJfjnhieMc/lWvRpqhpu6fp+bZxOtWF2fib4IuLa0mNpa218k8kcZ8uHdFGFDEDC5I4B9K880C+tp/C6W/iLWprPw8msy3skVvoNzJGuLtnVf7QUtC0W/BLgA443LXvBAZSGGQRgg964sfDGxGjf2F/besf8I9nH9j74fJMe7d5XmeV52zPGPMzjjOKLu/9d7kpJR5f62savijxHf6ENJOlaBda2t/fR20rWrcW0bdZmwD8o98D1Irmfihdz2viHwa9nOLa5jv55UlWykvnAFu4I+zRsJHUhsFl+7x0zXoiIsUaxxqERQFVVGAAO1Y2veFrfXL6w1Bb2803UdP3i2vLNk3orgB1KyK6MDgdVJGBjFH+Y159jz+bSk8S+BvGWm6Nqk9/4l1GRLm+imsX09uibI0hnGVQxx7QWLAnOW9NfQLW11nxPpOoXeseMLi809JHht9V0UWsUe9Nrq0i2kak4PQPgkcZrqNC8K22iahe6k93d6lqd8EWe+vSnmMiDCIBGqoqjJOFUZJJOTW5T2FucJY3T+G/iT4lbUrDUmt9Ye1mtLm10+a5jbbEImVmiVthBXPzY4Oag+KF9un8P2sFhqt1JaazaXs5tNLuZ0SFS25t6RlSR/dB3e1ehUUu3lb8NhvW67q36HnPi+1n1vxNpOo2Gn3k1v8A2Fqaq72ciNG7pGEUqyhkZvmAUgE88VhaXZ+JfD9nc3uhaLMb638G2ENvHJbsFM6tJvTBxl1BzsznOB3r2Oila239fF/8kO/f+tv8jynR49Tv/ib4dvmuPE2p2draXaTXer6WlnHFI6x/KqiGN+cdWBXoFYkNXOaBfW0/hdLfxFrU1n4eTWZb2SK30G5kjXF2zqv9oKWhaLfglwAccblr3ggMpDDIIwQe9cWPhjYjRv7C/tvWP+Eezj+x98PkmPdu8rzPK87ZnjHmZxxnFVfX+u9/+G/q6+zZ/wBaWMXU7K/0r4kaxqk2p+IrKw1a3tzbXOiabHfKfLUq0bj7PM6ctuHAU7m5JGKb4m0K30n4GpBpD393ZadPDqDC/gMczxJciaQMmxCuBu42jgV6eiLFGscahEUBVVRgADtQ6JLG0ciq6MCrKwyCD1BFLZadP02Dff8AroNt7iK7tori2kWWGZA8bqchlIyCPYiuM8Pbb/4u+KtRtcG3trW006SRScPOu+Rx7lVkQe2a6HQ/Dtr4d0M6Tpk1wlorOYFeQMbdWJIRCRwq5+UHOBx0qTQNBsfDejQ6bpiuIYyWZ5HLySuxy0jseWZiSSfU09L3Fraz/qxk3HjNrX4oWfhCXSpvLvNPe8i1ASZUsrYZCuOABj5s9SBjnNdRWbaeH9MstYudVht2a/uhtkuZpXlcJnOxC5OxM87FwuecVpUuiH1YVx3xc/5JD4lz0+wPXY1m+ItCtvE3hy+0W/eWO2vojFI8JAcA+hIIz+BpPVFRdpJnKLI3inxl4ZuNJsL+3sNDE09xcXljLaAl4jEkSLKqs3UscDaAo5zgVzdzoeqL8AL+wg0u8GoPqskwt0t281h/aO8NtAyfkw2fTnpXsCrsQKOgGKWqvrf+t7mcV7qT/rR/5nkms6jfW3xZ8SLpmotY+Zp1pBKbfQrjVi3EpDHyG/cuNxwrggghsGu88DjRk8E6XB4Zu2u9Mt4BBDLJkOdnyneCAQ2QcggYORgdKhuvBinXL3VdI1vVNFuNQ2G8Fl5DpOyLtViJopNp24Hy4zgZyea0vD3h+w8MaLDpelI6wRlmLSOXeR2O5nZj1ZiSSffsKUdipau/9bGnXL+EPGbeKdS8Q2M2lTadNomoNZnzJN4mXGVcEAAEjnbzgEcnNdLNEs9vJC5cLIpUmNyjAEY4ZSCD7ggiqej6Jp+g2RtdKthBG8jSyEszvK7fed3YlnY92Ykn1oW+oPYv1yXiuyurjxt4Knt7aaWG2v7h55EjLLEptZFBYjhQSQOe5rraKA6NGD4z1COy8LX0T299PJdW0sMSWdjNcsXKHGREjbR7nA96oeCNXhg+HenC4tNUgk0ywhiuYZtLuUkDrGAQiGMNJyP4A1dbRQtL+dvwv/mD1t5X/G3+RwHw71JTqviOCWx1a2a+1ee7t2utJuYEeIogDb3jCg5B4JB46VymleHJIvC8nhHxVq/jC2P2mRJYLLR0ntpg0pkWVJ0tH4bIYln3A5zjFe1UULS3kkvuDv5u5x3xWmjj+F+sWjAST6hCLG2jPWWaUhEAx3yc/hWzqv8AxLvBV55tiuqfZrB91m5GLnbGcoSwIw2Mcg9elSXvh+y1HXtP1a982WXTg5toS/7pHYYMm3u4XIBPQMcdc1LrOi2Wv6a9hqizPayH95HFcSQ+YMEFWKMCykEgqcg9waTTcXbd/wBf5jVlJdl/X6Gf4F1238S+BNI1ey08abb3VupjsxjEIHy7RgAbRjjgcY4Fb9RwQQ2tvHb2sSQwxKEjjjUKqKBgAAcAAdqkq5NNtomKaSTCiiipGFFFFABRRRQAVwwsbPQ/jPaHToI7FNZ0q6e6SFAiXU8csTK7AcNIBJJ83Ug813NcXrUUOrfFXSdKv0F3ZRaVcXclnKN8XmiaERSMh+UkfPtJHByRRH418/yYP4X8vzR2lFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVTstH0zTbm6uNO060tJ7x/MuZYIFRp25O5yBljyeT6mrlcP4Xu9c8YRzeIBrk2nWYvZobTTYbaJo2jilaMmYuhkLMVJ+RkAGB1ySdQe1zuKhu7210+2Nxf3MNtApVTLNIEUEkADJ45JAHua5HxbrUUer/ANnweJ9W066jt/M+y6NpH26RckgPN+4l2qcDaMJnDcn+HkfFF9qPi/4D6br9xqlzZSzi0M9vaxxeVK5uo13nfGzAg8gBgOxyKFr96X3/APDD62PYqK5XWr268CeCNZ1m71O+117SBpo1vEgQggYC/uYkGCcZJBNXNA0vXLQRXOs+I5tRlljzPbG2hSCNjz+62oHAHQb2fI6880CNHSdXsdc08Xulz+fbmSSLfsZfmRyjDDAHhlI/CrteJaNqGveGvhbN4kttYKW1nrMyppqW0ZjmifUGR/MZgXLfMxBRkAwuQeSfbaN1f+un+YPdr+twqlper2GtW0lxpVyl1BHK8JljztLocMAehweMjI4Nc98T9RutO8A3a2ErQXF7NDYJMrbTF50qxlgexAYkH1rft9D0u20CPQ47GA6ZHALcWjxhozGBjaVPBGOuetHRv+v6/roHZf1/X+XmX6K8u+G+i6Po58Z6lp2i2EV3ZazeRQPDbIjrGqoRErAZC5/hHFZ8WgabefA9/GUyRt4mk0xtWGt/8vSThDIAsv3gowE2Z27RtxildcvN0sn9+o0m5cvW7X3aHsNFeQXcVprXxQa51fwX/wAJM8nh2yl8kQ2r/Z2aSUk4uHQDPTjJ45rqfFV1qPhrwdY634fjXSLPSAst5ojRQKstvwGiBUkJIo5XY2CeOcjDeiu/6s2v0EtXp2/RP9TtqK8407xpqsfw51zx/fy+fayRvcabpKhMW0S/KodlG4yMwy4LEL0GMGup0DS9btFjutZ8RTalJLHme2NtCkEbHn91tQOAOg3s+R155o23Fc3qK8bi+IGvalobeI9MuNcmumumMGhweHZpLSSASFNhmEBYyFAWLCUKG424GD1Elz4i1z4lazotpr8mlaZY2VrOv2e1hefzJPNGA0iMoX5ckFScgYK85NbD2v8A11sdtd3trp9sbi/uYbaBSqmWaQIoJIAGTxySAPc1NXjniq91PxV8EodWu9VubSaO6itp4rWOHyrl0vli8350Zhyu4BWA55yK9OstIvbXT7m3n8RaleyzAhLqeO2EkHGMoEhVT6/Mrf0o6N/10AdoviLSvEQvjo919o+wXb2dz+7ZPLmTG5fmAzjI5GR71p1yHgXUtRuLfxDDq+ozakdM1aa1inmjiRzGqIQD5aqpOWPOBXNt4i8Ry/Dd/iJHrjRIsZvl0b7PCbY26nHlF9vm+YVGd28Dcfu44o0sn5J/eG7aXdr7j1OiuAN74h8QfELWNKsdfk0nS7OwtLlPs9rC8/mSiTgNIrLt+XJBUngYK852vh3r114n+Hmj6vqJU3dzB++ZV2hnUlS2O2Suce9O2/8AXf8AyFft/X9XOlorn/HXiKTwn4I1PWreETT20Q8lGVmUuzBVyF5IywJxzjNc1oOv6yni7S7Jb7Xtasb2KRb2XUfD8tmtpIqblZH8iMBWOV2sWP3eeuUtXYb0Vz0WqU2s6fb63baRPcrHfXUTywQsCPNVMbtpxgkZBxnOOcYrzSTxN4qi8Yf8K8OrI2pTXIuY9dMcAZbHG8p5eNpuOCoGzBX58V0vxStdvw/u9WhYrf6EBqVnPkBlki5PPoy7lI6EMRSurcz2/r8v0t5js2+Vb/1+f9djs6KitZ/tNnDPtKebGr7T1GRnFS1TTTsyU01dBRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVzNr4Jh07UrifSdZ1TT7O6uTdT6bA8XkPIxy5BaMyJuPJCOoyTjGa6aufvfEd2vjK38PaVp0d1J9mF5eTz3JhSCEybBtwjF3OHIX5R8vLDNC3X9ef6B0ZDf+CLe78QXerWmr6ppct/FHFfR2MsarcqmQuSyMyHBI3Rshx3zzT4/A2kp8Px4PY3L6YsHkKzS/vQM7gwYAfMDgg47DrXR0Uulg63MWDw4G0W80rXNTvdetbyMxSLqCwg7CMFcxRp19Tk+9M0LwzLoZjQ+INX1G2hj8uC3vXiKxDoPmSNXcgcZdm9evNbtFPrcOljlpfh9pU3gebws1xeCxmuGuWkDr5oY3HnkA7cY3cdOnvzXU0UUAYvi/wAPr4p8J3+kGTyZLiPMM2M+VKpDRv8AgwU/hTNBvNU1zwoBqsF1ouqhWt7goi5SVflMkRdWVlJ+ZSQQQRkda3aKO4djmPDPgr/hGL28ng8QarfJfTvc3EF2ttseZ8Zf5IVYHgcAge1VB8NNNFr/AGb/AGlqf9ged5v9h+ZH9l67tmfL83Zu+bZ5m3tjbxXZUUAc3qPg77X4lk1yw17VNJu5bVLSQWa27I6IzMvEsL4OXPTFS6j4Th1j+xxq+pX15Hpcy3HlOYlS7lX7jyhUGdp+YBdq5xkHArfooWgb/wBfI5238EaXA2uRM9xNp2uMzXOmyMv2dWZcSMgChlL9T82MnIwal0LwzLoZjQ+INX1G2hj8uC3vXiKxDoPmSNXcgcZdm9evNbtFC0B6nMWvgo6ZcSf2J4i1fTLJ5zP/AGfALeSFGY5cL5sLuqscnaGABJxisVvDep6l8U/ElxHqer6NZzafZRrNZxRBbkjztwDyRPyuR9wgjd9K9Boo8g7/ANdbmHdeD9HufBj+FhbtBpbQ+SqRSEOgByGDHJ3bvm3HJJ5Oeals9FvbXS7i0l8SapdyyjEd3Olt5sHH8O2EKf8AgStWvRR3A5nw54Mbw3qF3cxeItWvVvZ3ubiC7W22SSsAC/yQqwOFHAIHtVZfhxp6q1n/AGnqZ0Rrg3B0QyR/ZdxO7bnZ5uzd82zftzxjbxXX0UAZdr4ftbTxJqOtxPMbnUIIYJUYjYqxb9u0YyD85zknt0pPDHh608KeG7PRNOkmktrRSsbzsC5yxbkgAdT6Vq0UAVNV0uz1vSrnTdUgE9pdIY5YySNwPuOQfccis7SPD19pUsfm+KdY1GGOPy1gvFtSOmASyQq5I9Sxz3zW5RQBx5+G2lNoclib7Uftkmof2mdW8xPtYuc8OG2bR8o2Y2428Yo8cWGoeIYLLwpaQTNaagQ2p6g6gJHbIQWTPAMkhwoAHALHtXYUUf1/X4fLQBFVUQKgCqowAOwpaKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuL0RppfitrT6qogv10y2SKCE+ZEbfzZtr+YQpLE5yu0BeMFs5HaVzV3o2qwePo9f0tbO4guLOOxu4bmZ4miVJGcSRlUYOcOw2Hb0HzDmhfEvn+T/wCGB/C16fmjpaKKKACiiigAooooAKKKKACiq2paha6RpV3qWoS+TaWcLzzybS2xEUsxwAScAHgDNWaACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5v4jf8ks8V/8AYGvP/RD1V0DxfqviaMalo+h28mhPcPDHcSahtuZFRijOIfLKgbgeDIDgZwD8tWviN/ySzxX/ANga8/8ARD1w+vWFql7Je/DvS/EWj+Kri7R5YobK4t7OdgSH+0b1+zOoUsdykknBViTy1ugex6bZ63p+oapqGnWs5a701kW6iaNlMe9dynkAMCO4yOtUP+E28P8A/CPw62t+ZLC4n+z27x28jvcSbiu2OMLvkJIONoOQCRxzXG/EsaloWvW2p6DCzXPiO2OgSeWBmOZstBMfUJmXPtj0rd8ReGtFsvB+k6Y8WrQW2kvEbO60eJ5Li0dFKq4SNWLZBIPyMPmORjkT0v8A15/hZr1Drb+v6vdfI2l8Vaa+jSalEt+8UUnlyRLptwZ0bjhoBH5g4IPK9CD0Oaxvh949Xxf4e06e7tbuLULmEyS7dLuYrYEE/dlddh/77NTeBLvXry01Ma5Lc3Nol2y6beX1l9juZ4cZzJFhcYYlQdibgudozzQ+GN0+meFrDwvqNhqVpqWnrJDIZdPmELbXbDLPt8ogjBGG70+/yDobUvjvw7DqhsZL9g63H2Vp/s0ptkm/55NcbfKD542ls5OMZ4qLUfiJ4V0nU5dP1HVlt7iGYQShoZNsblA6qzhdq7lIxk/McgZIIrzvSvDkkXheTwj4q1fxhbH7TIksFlo6T20waUyLKk6Wj8NkMSz7gc5xiruq+H7+bxNq0o0q5lSXxZpcwk+zMRJDHFGGfOOVU5yegOaFq0u9vzS/Vg9L+V/1PTtG1qw1/TRfaVM0sBd4zvieNkdWKsrI4DKQQQQQDVu4uIbS1lubuaOCCFC8ksjBVRQMliTwAB3rhvDEmpeG/AfiG9/sa7uruHU9RuYLEIUkuQZnZAuRnDDGCAc54zU/im11bxx8G7iO20+fTtT1GyjlNhKyiRGyrtCSwAyQCvzAdeQOaTfu3XZfih296z7v8GbOkeM9D1y+WzsLmYXDxefFHc2k1uZ4/wC/H5qL5i9OVyBkeoqnJ8SvCkTTA6ozrb3BtrmSK0mdLWQPsxM6oVi+boXKgjkEjmsTQLW11nxPpOoXeseMLi809JHht9V0UWsUe9Nrq0i2kak4PQPgkcZq/wCA9EX/AIRnWbLWtMHlXes38kkF3b/LMjTttYqw+ZSuMHoRiq628v1RPT5/ozY1PxpoOkasdKvLxzqPkrOtnb20s8zoxYBkSNWZwNpztBwBk4GK0dI1ex13SYNS0m4FxaXC7o5ACM84IIIBBBBBBAIIwa5yz0+dPjJqd+1pItu2iW0MdyYjsLCaUsgbGM42kj6Vs6nIPDPhe+udD0b7S1rFJPFp9kgQzvyxAAHVmJJwCSSeCam6UeZ+f5sqz5rLy/JFrVtVstD0m51PVZxb2dqhkmlKltijvgAms/SvGWha3qAstNvHkldGkhZ7eWOO4RSAXikZQsqjI5QsOQe9c14+1C41b4A6vqF9p8um3F1pPmy2U3LwMyglDwOR06A+w6VIsjeKfGXhm40mwv7ew0MTT3FxeWMtoCXiMSRIsqqzdSxwNoCjnOBVWak0yW/dTXX/AIH+ZqSfErwpE0wOqM629wba5kitJnS1kD7MTOqFYvm6FyoI5BI5pvi3XBaapo1jDrd1o0s1/DvcaRJcw3aMSPs5l27Iyx77sj8aq+A9EX/hGdZsta0weVd6zfySQXdv8syNO21irD5lK4wehGKq/ErUV3aLZQWGq3Mtrq9pdy/ZNKuZ0SJHyx3pGVJA/hBz7Uk/gv15fxt+Q39q3S/4Xt951Ou+KNG8MrbHXL5bT7U7RwbkZjK4UttUKDliBwOrHAGSQKrW/jTRrvTLq9tGvpls5hBcQJptybiJyAQGg8vzBwwOduMHNZHiCN9a8U+BdQs7K6ktYr6eaVpbSSMwg20gVnV1BT5iANwHJFP8MWV5B8SPHE9xbTxW11LZG3lkjISXFuFYqTw2CMHFJp2a/roGl1/XcX4fePV8X+HtOnu7W7i1C5hMku3S7mK2BBP3ZXXYf++zVq41rUdS8fR6HozpDaabGtzq1wyBixfPlW6Z6E4LMewCgctWZ8MLttM8Laf4X1Kw1K01LT1khk83T5hC212wyz7fKIIwRhu9P8J4sPib40sLrC3N5Lb6jBnOZIDEsWR7K8bD8ferdnLTbf8Ar8/kD2f9f12+Zvaz4t0fQbpbbUJ52uDEZzBaWk11IkYOPMZYlYqueNxAGQeeKWbxdoUH9kF9RjMWtP5dhOis8U7EZC+YAVBI6AkZ5xmuK1Ww1DSPiVrWpXOpeI7Cx1W3tzb3GjabHermJSrRuPs8roQW3DgKdzc5GKNV0SKL4a6Z4O8P2mq6iNUmKw3l9aSRNYDzDK1xIQkflsh5RSFJIUAHmoW1/wCv6/4fYb3/AK7HdWmu6fq9/qemaZds91p7CK5dIW2wyMuQA5XYzAEEqCccZArM8F65f30d/o/iAq2taNMILmVE2Lcow3RzqOwdeo7MGHQCqHw1t59D0y78MX2n3EN1pk7br9oH8rUg53CcSHIZ2z84ySGB7YpPD22/+LvirUbXBt7a1tNOkkUnDzrvkce5VZEHtmqW/qv6f6fPXVEvb0/r/g/LQ6T/AISPSf8AhKP+Ec+2J/a32X7Z9l2tnyt23dnGOvbOe+MVp1x154jtrL4xafoMmgIbnUNMkkj1kFd4VGJMJGN23ofvYyw4712NLon/AFu0Pq1/WyCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK4YWNnofxntDp0Edims6VdPdJCgRLqeOWJldgOGkAkk+bqQeaFq0vX8rh0udzRRRQAUUUUAFFFFABRRRQBm+I9I/4SDwrqujef9n/ALRsprTztm/y/MQpu25GcZzjIrSoooAxD4Ygm8UR65f315ey2277FbzMghsyw2sUVFUkkZGXLEAkAjJrbooo6WDrcKKKKACiiigAooooAKKKKACiiigDN8RaFbeJvDl9ot+8sdtfRGKR4SA4B9CQRn8DWiq7ECjoBilooAKKKKACiiigArK1Lw5ZalrWm6tIZYb7TXYxTwNtZ0YYaJ+PmQ8HHqARitWigAooooAbKhkhdA7RllIDp1X3Ge9Z+gaDY+G9Gh03TFcQxkszyOXkldjlpHY8szEkk+prSooAzLPw7pljrV1q8MDNqF0uyS4mmeVgmSdibydiZOdi4XPatOiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACuL1qKHVvirpOlX6C7sotKuLuSzlG+LzRNCIpGQ/KSPn2kjg5IrtKp2Wj6ZptzdXGnadaWk94/mXMsECo07cnc5Ayx5PJ9TQtJJ/1tb/AIIPZouUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf//Z)

Figura 8 - Método inicial de gravação de gráficos em PNG

Como o primeiro método se vinha a tornar num fracasso, decidimos colocar questões ao professor de APROG e continuar a nossa pesquisa até encontrar a devida solução.

![Uma imagem com texto

Descrição gerada automaticamente](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAARAAAISodpAAQAAAABAAAIXJydAAEAAAAgAAAQ1OocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEbDoWJpbyBGZXJuYW5kZXMAAAAFkAMAAgAAABQAABCqkAQAAgAAABQAABC+kpEAAgAAAAM2MAAAkpIAAgAAAAM2MAAA6hwABwAACAwAAAieAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxOToxMjozMCAxODozNToxMgAyMDE5OjEyOjMwIDE4OjM1OjEyAAAARgDhAGIAaQBvACAARgBlAHIAbgBhAG4AZABlAHMAAAD/4QsjaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAxOS0xMi0zMFQxODozNToxMi42MDA8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+RsOhYmlvIEZlcm5hbmRlczwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAMrBH4DASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6RooprukUbSSMqIoLMzHAAHUk0AOorMtfE2g3upLp1nrenXF80YlW2iu43kKFQwYKDnBUg56YINWP7V0/ybyX7fbeXYllu385dtuQoYhzn5cKQTnHBzQBborlL/xpBp/jOzsrm7sIdFn0iXUHvpZQqgrLEikSFtu0iT8eOa2nu31jRBdeF9TsG84AwXhj+1QMM88JIu7oRwwwfyo6X/rdr9A62/rv+po0VzvgXXrzxH4MtdV1UW6XMjzJJ9nQpH8krpkBmYjhc9TTfDfiF9f1zWDa6x4f1PSYTELP+y7rzp48qd/n4JUZI+XHYHNHUOlzpKKzdU8R6Joc0EWtaxp+nSXGfJS7ukiMuMA7QxGeo6etaVABRSMyopZyFVRkknAArP0rxBo3iCKV9A1ew1IQkCRrO5SYRk9N20nHSgDRorlPDGta1c+LNe0TXZrC5OmpbPFPZ2rwbhKrEhlaSTptHQ1r3/ifQNK1GLT9U1vTbK9mAMVtcXccckmTgYViCcngY70AalFUtV1rS9CtVutb1Kz063ZwizXk6xIWIJC5YgZwDx7VIup2D6X/AGml7btYeV532sSqYvLxnfvzjbjnOcYoAs0VR0nXNJ163e40PVLLUoY22PJZ3CTKrYzglSQDgjir1ABRWNpviez1TTdTvbeKdY9Nubi2mDqAzNCSGK4JyDjjOPwrOTx9ZXVnpL6Vpuo6ld6tZrfQ2NskYljgYA75Gd1jUZIHL5JPGcHBv/XfUNt/6sdVRXIXPxH0y30BNSFhqMsx1FNLk09Y41uIrlyAI2DOEHUfMGKkEEEg5q9pfjC3v9WuNJvdNv8ASNShg+0i0vljLSw5wXRo3dGAJwRuyDjI5FHS/wDW1/y19A/r9Pz0Ohorl/DnjSXxNb2V5ZeF9Zh0+9UPHezvaCMKRwxVZy//AI7n2rqKdrAFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqOt/8i/qP/XrL/6AavVBfW32zT7i137PPiaPdjO3IIzj8aiom4NIqDSkmzxrw3c6JqPw/wDh/oXhGeyuNVt7myvLmKwdXe0CgNcSS7fuZBZTuwSXxyeKs6trNhoujfFDSdRuFi1O/muJbSxHzT3Eb2caq6Rj5mXKtlgMLtYnGDXqHhvR/wDhHvC2l6N5/wBo/s+0itvO2bPM2KF3bcnGcdMmtOtKlpOSWzv+Nv8AJE0248rfS34X/wAzx+C50PTfGPgPUfE1zY2cEHhZjbXF/KkaLNmAfKzkDdtLe+Ca6PwXqFjo2leIda1O6g0vRb7WpbixmvHEEbRsqDeC2AA7h2B/iDAjrXe0U3K7b9fxd/8AgEqNkl6fgrHnnwe1/R7vwDDbWurWM1xbSXMs8UdyjPEhnkIZgDlQQQcmoPC3i3w5efFvxOLTxBpc5vYrFLURXsbfaGVJNwTB+YjPIGcV6VRUj6Hm2kazo/h7x54tHjG9tbDUL26jNnLfOIxc2flKESIscOA/mAqvO48jmvRodggj8lNke0bV27doxwMdvpT6KFokhve5xnxVhnm8DnZDLcWaXttJqMMKF2ktBKpmG0ckbckgdQDWzo/iLw1rIebQdS069W2hAkmtJEdYU6hWZeF6Z2kjp04raooWl/66W/r5g9bf1/X/AAx5r4W8W+HLz4t+JxaeINLnN7FYpaiK9jb7QypJuCYPzEZ5AzisHx14vlvNO8b6Q13omkmNJbddLuLCS4vtR/cDEyhZF+UjGG2OFCbicDA9ooqXG6sVF2dzzfW0so7Pwhrlz4qs/D2pWNniCfVY1e2nWSNBIjbmT5/lBG1w2M9RmkWeDxp8HJ28Stb6BFNOWa+s0zbMyTb1ulEi48p3Xf8APwQTlud1ek0Vcndvz/DW/wDX3kRXKku39f19xwvgbxLd614i1W1mudH1yG2gh2a9o6FI5s5/cuNzjepLNhXIAccKTiu6ooobA8m8PaLf3mgeMbm38TapYRDWNT/0W2itTGcO2eZIWfnv830xVLwBqVp4VvNH1DxHdQ2Gnar4V06K0vrqQRwrJErF4d7HaGIcMB3wcdDXs1FKPuq3p+Ca/UqXvX9X+LT/AEPDPEP2jU4rvX9MIgtNX8X6WdNmniLJKIwkfnbMqWRmBxyNwGQcEGvSbLwtcxa5c+IvEGow6hqn2JrOA21qbeGCHO4gIXdixYcsW6AAAc56qilb3OVf1ol+n4hfW7/rVs8k+EWqaV/wjHhy1HxDEt39mVf7CNxY8Ng/u9oi87jrjdnjmvW6KKpu7uSFFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRTXQSRsjbgGBBKsVP4Ecj6igDj9FEur/EnxHcXd9dtHpEsFrZ2sVy8cKBoA7s0akLIxMh5cHG0YxiuyrjvA8f2DXvFmlRHdb2eoRGJ5PmlbfbRMd8h+aQ5P3nJbGBnAGOxo6L0X5A9wooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAMs+HNM/wCEh/txIZYr8oEkkhuJI1mABA8yNWCSEAnBYEjtjArUoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKzJNetYvFdv4faOb7XcWcl4rhR5YRHVCCc5zlx2x15q1qN1NZWLz21hcahIuMW1s0au/OODI6rx15YUdLh1sWaKyvDXiC38UeH4NXs4J7eKcuoiuAodSjlCDtZh1U9CadY619u1zUtM/szUbb+z/L/0u4t9kFzvGf3T5+fbjDcDBoDpc06KKKACiiigAoqlpmr2OsR3D6dP5y21zJaynYy7ZYztdeQM4PccelXaACiqWo6vY6VJZJfz+U19cra242M2+UgsF4Bxwp5OBxVxm2oWwTgZwByaOlwForN8P6z/AG/okGpf2dqGmecWH2XUoPJnTDFfmTJxnGRz0IrSo2AKKKKACiiigAorMsda+3a5qWmf2ZqNt/Z/l/6XcW+yC53jP7p8/PtxhuBg1PrGqQ6Jod9qt2sjwWNvJcSLGAWKopYgAkDOB6ik2krsaTbsi5RUFldpf6fb3kIZY7iJZUDDkBhkZ9+anqmmnZkppq6CiiikMKKzL7WvsWvabpn9majcfb/M/wBLt7ffBbbFz+9fPybug4OTWnQAUUVl6P4gstemv103zZIrG4Ns9wUxHJIv3wh/i2n5SemcjnBoA1KKy7TxPoGoarLpdhrem3WoQlhJaQ3cbyptOGygORg8Hjip11exbXX0ZZ838dst00OxuImYqG3Yx1UjGc8UAXaKKRm2oWwTgZwByaNgForN8P6z/b+iQal/Z2oaZ5xYfZdSg8mdMMV+ZMnGcZHPQitKjYAoorI8R+Io/DtraSPY3d/LeXSWsFvaeXvZ2BI5kdFA+U8k0Aa9FUhf3B0b7b/ZV4Ljy9/2DfD52f7ufM8vP/A8e9UfDXieLxKmoBNPvNPn067NpcQXnl7lcIr8GN3UjDjvR1sHS5t0UUUAFFFFABRRRQAUVlDxDZ/8JU3h+VZob02wuoTImEuEzhtjZ5KnG4cEbgelatABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFU9Yd4tDv5I2ZHW2kZWU4IIU4INXKq6rDJc6PeQQruklgdEXOMkqQBUVL8jt2LhbmVzyvSjqWleCfA/iNtd1W/1bVLiwiuRdXjtFPHMoDJ5OfLBVTuDhdxK5JJJzpvq1+vhT4ozG/uRJY3N2trIZmzbgWcbKEOflwxJGMcnNa3gPwHZ6F4d0GbUra5bWLKwjjYXV/LcrbSeWFfylZ2SPuMoBxwOK0tU8A+G9avLu41PT3nN6oF1D9qlWGchdoZ4gwRmAxhiu4YUgggY1qrWSXW/wCn+X4kU3blb6W/C/8An+BxNvYza/448GrdalfQiTwm8ty9vO0ctxloMgyj51yxBJUhjjGcE56r4fXV08Wv6dcXVxeQaXrE1paz3MplkMW1H2l2yX2l2XJJPy8nitC88E6HemwZ4bqB9PtvsttLZ6hcWzpD8vyF4nUsPkX7xPSrI8M6XHoS6PaxT2dmp3AWV1LbyFs5LGSNlcknJJJyxJJzmhtXdvP8ZX/BafeSk7JPy/BWML4TjPw1sge8910OP+XiSo/CET2HxC8V6XHeX89nbxWTwx3l9Nc+WXVy20ysxGSB37VtaD4O0fwzbyQaML6GGRSpik1K5mRckklVeQhCSScrg89ag07wFoel6wdUszqgvHKmSSXWbyXzdoIUOHlIcDJwGBAzUofQxtLgl8ZeLPEjarqOo28Oj3wsbSzsr6W1VAIkcyv5TKXLF+A2QAvA5Oe8RSsaqzFyAAWbGW9zjisPUPBmianqz6nPBcQ3kiLHNNZ3s9qZ1X7ok8p1EgGcDdnjjpW4iLHGqRqERQAqqMAD0FC+FL+vX5jfxXMLxta63e+Dr+38LzeVqbqvlnzfKZl3AuiyYOxmTcobHBIPHUYnhW40+9uNV8OzweJNLvVhjknsdT1GWWRUbI82G5WV22k/L8sgwU+6pznr9R0621Wye1vUdomwcxyNG6kchldSGUjsQQRVPRvDOl6DNcTafFM1xc7RNcXV1LczOF+6pklZm2jJwucDJ45NC63B7aHFfDHwzYxf2zdCfVPOtfEF6iI2rXRQgScb4zJtckEElgSepzVTxxrKXdr4lvdBh8U3V3o0Uim/sNRFvaWc0ce/aYjMglCnBbMcmdxGTgKO7j8IaPBr0usWsV1bXc8ommFvfTxRTPgDc8KuI2OAMkqc45qpqHw78L6rdXs19pzyC/bfd24u5lgnfbt3vCriNmwB8xXOQDnIBqXflS7L8bLUpNczb6v8L3scn410uDWo/AuqXs1+s17qlos3kajcQxqGgkOVRHCo2SBuUBucZ5rvV8O2SaK2lCfUvs7NuLnVLkz5zniYyeYBx0DY7Uuo+GtJ1bQ4tIv7TzLKHyzEgkdGiMeNjK6kMrDAwwIPvTR4asRop0vz9U+zl9+/+1rrzs5z/rvM8zHtuxVu2turv+X+RCvZX6K35/5nP/DzUbsfCmK+uJbi/uIftZDTzNJJJsmkCqXYknhQOTSeANOfVvDmkeKdQ1jUrrUtRgS7lxfSC3XeufKW33eUFUHbnbu4znPNbnh7wjpHhaNo9FW8iiYEeVNqFxPGuSWJVJHYKSSSSACc0zTvBOhaTffatOtp7fEjSrbJezfZkdjkstvv8pTkk8KMHnrSW93/AF/w/wCgPa39f0jerkNdvLnQfiFo+ozXcw0jUYJbC4ieU+VDMo82KQL0BIWRSe/y119Zuv8Ah/TPE+kSaZrlt9ptJGVmQSNGcqcghlII59DS13RWmzPOotU1uXwrpNzNf3lufGGu4aXzTusrOQMY0iPPllo0QZGCGkJGDgje09JPD3xOi0GyvtQutO1DS5LuSG9vJblraSOREDLJIzOAwcjbuxlcjHNdTqeg6ZrGitpOo2cctiVVRCMrs242lSuCpGAQQQQQCKg0rwvpWi/aWsYpzNdgLNc3F3NPO4AwF82RmfAycAHAJJGCTT0T8v0tZJ+m4tWv63vd/wCRz/hCJ7D4heK9LjvL+ezt4rJ4Y7y+mufLLq5baZWYjJA79q5rXl/4SXwP491jW9Qvozp739na20N/LbQwpEhVQyRsokLH5jvDZ3AdOK7jTvAWh6XrB1SzOqC8cqZJJdZvJfN2ghQ4eUhwMnAYEDNOvvAXhvUb67urzT2ka9O64i+0yrDK23bvMQbYXAxh9u4YBByBUyTafo1+RUXZ380zQ8N/8irpP/XlD/6AK5z4hveNe+FbKz1C6sUvtYEFw1tK0bPEYJSy5BB5xweoOCOQK7G2t4rS1itrddkMKCONck4UDAGT7VWv9IsdTuLGe+g82Swn+02zb2Xy5NrLu4PPDMMHI5rSbUp36Xv8rmcE4wt5W/A8k8B6vqFlqfh+71fX9Qure5sNUa6N3cM6LHbzIsZ2k43Ku7L43Nk5J4FW49ani1zwpqujWvimC11bUVhku9V1BZLe9hkjdsi389jGSVDLiOPA4wB8teg2ngzQLI2pt9OUCzinihV5HcKk7bpVIYkMGI75x2xVOy+G/hawuLKeDT5WfT3D2Xn3s8wtSMjEQdyI155VcA4GRwMTG6av0/zbf4f8Ep7O3W/5afd/wxn6/C1h8UvCs1peagg1GW5W6gN/M0EgS3JX9yW8sYIzwo55qLxFBd6t8WdK0c6tqFnpr6RcXFxb2dy0PnlZogoLKQy/e6qQ2OM4JB2tT8B6Hq+rJqd8dUa7jYvE8Ws3kQhJG07FSUBMjg7QM1qLolgusW+qeSzX1vataRzNK7ERMVYg5PJJRTk5PHXrQt030/yf6g+tvL8/8jzzT/EGp2Hwj8bTR3Vxc3Gh3epW1pNcStLKEjJKbnPzMVBxkkngc12Wh6FawfDqy0SwkNvbtpqwJNAcMN0eDID/AHiSWz6nNXLTw5pNlY6hZ21oFt9Tmlnu4y7MJXl/1h5Jxn0GB6VleD9H1PTfDs/hvxFGl5aWWbW0unYN9stSvyh16hlB2HPBxkdaVrxcX1S/BNP8x7STXd/i9Pusc7o9zq/w/t/D/h3xTpOm3ulC4Sw0/VtOOwxyY2xGW3cfKzfOSyMwzngZqP8A4RLTpvjZewyXOsKkmhxzgprV4jFjcSAgMJQdo4+QHaM8AZrr7TwPodpqUF8Yr28uLYloG1DUrm8WFj/EizSMFbtuABxkZ5qfWPCmka7fW97fxXCXlujRx3NneTWsoRiCVLxOrFcgHBOM1V22pPfX8VYVrJxW2n4O5znie3u7r4j+GNFg1fULLT5bC8a6itrlla4VPJCgvncDz98EP1wwyTW3pvhVrXR73Sr/AFjUr60muWlt2N5PHcW8ZwRF54k8xsMDyWzg46CtJtEsH1Sy1F4We8sYXgt5mlclUfbuByfmJ2Lycnjryak1LTYNWsmtbp7qONiCWtbuW3fj/bjZWH0zzS6f13uH9fgcf4FvLub4P/aLi8uZ7hI7wCeaZpJPllkC5diWJAA5J7Vy+lvqWleG/hzr8uu6tfahrF5aQXpub12iljmgb5fJz5YxhTu27iRkkkk16LovgrRfD1nNaaXHeJbToyPBNqNxPGAxJbaskjBSSSSRgnNTHwpop03SLA2X+i6LJFLYR+a/7lo1Koc5y2ASPmznvTjo7v8Au/g3f7xPa3r+O33Hl3iK8vtfvPGVpbXPimTWILoWeiNor3UVqhEaEKzx4hDCRm3mU5A4B4Fdn4otWsrHwZbSO7vDrNqjNJK0rEiOTJLsSzfUkmubm8K61aXXiVptE1681DUb2a4tL3RtcFja7WUCLfGs8ZDKAAzGNycZy1dDrGk+Io/CvhUXET69qml3tvPfG1aONptiMHZfMZFPJHUjPpUx0UfWH/B/4JUtXJeUv+B/wDua4vwB/wAhvxv/ANjA/wD6TwV04v7g6N9t/sq8Fx5e/wCwb4fOz/dz5nl5/wCB49657wHYanaz+JLzVtMm006lq7XUEE8kTv5ZhiTJ8t3Uco3GaqOkn6fqhP4V6/ozrq8p8cayl3a+Jb3QYfFN1d6NFIpv7DURb2lnNHHv2mIzIJQpwWzHJncRk4Cj1auZ1D4d+F9Vur2a+055Bftvu7cXcywTvt273hVxGzYA+YrnIBzkA1DTexUWk9TntTm1HXfGHgy0bVr2xtb/AEm5uL6KymMX2jAhO3I5Xlj8ykMBkAjNJ4th1LwX4Fngg1zUryO81eGOHaZJr2O2lkUPBE5LSSOF8wq33gDx90Gu3TQNMS/0+8W2xcabbtbWr+Y37uNtu5cZwfuLycnisH4j6HqOvaLp8OnW7XUVvqUFzd20MqwzzRIScQyEjY4baQQyHAI3DPNyaurd/wAOa/5fqRFO1n2/Gxl+CtMuD431jUrGXxGND+yRQ2ia3dXePPyTIUiuG37cbPmYdchTjNUvC9xfeHta0208cR6/BrN7PLCNR/tFrrTr+TkhVj3lYcj5lXyo8bCATyDp+GdG1qPxg92ttrGl6D9hMU1lreqG+kuJy2QyDzpQiquQTuG7djbxmt+z8FaHY6pDqEUN1LPbljbi6v57iO3JGCY45HZI+OBtAwOBxxQtGn/W7/r81oD1v/XT+r/gY3xQH2XTdE1eDat9p+tWn2dicEiWQRSJn0ZHbP0rt65bV9F1DxB40003iLDoOkEXijzAWvLrkICo6JGMtz1Yr2FdTSXw/P8ARL9Bv4vl/m/1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKa4cxsI2VXwdpZcgHtkZGfzoA5uw1rVtV8darp9t9jt9K0cxRT+ZCzzXMjxeZ8rBwsaqGTqrE89K6auN8DB49e8WRXx8zU01CL7XcJ8sU2baIoY05MYC4G0s5zk7jnA7KjovRB1CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAwLXw9d6f4wvtXsNRiWz1Mo97ZzWxdjIkflq0cgcbBgJkMr/d4xmt+iijpYAooooAKKKKACiiigAooqtqN3/Z+l3V55Mk/2eF5fKiGWfaCdoHqcYpNpK7Gk27Is0VxngfxBrfivSrLXRqWg3OnXa7ns7KKTzLUkZCNN5hDOuQGUxpyT0xg0D4119Pifd6UvhrWJ7KLS0mS0R7IMXMzr524zj5SAAAWzxyo61TTUuV7/wBMSd1zL+tbHoVFc5rXjS00PVdM0ufT9QuNQ1SKSS1traJXZmTbuQndtU/N94kIMHLDjK6f4sXWdFv7mw0jU3u7G5a0uNNzAlxHIMZGTIIz8rBgQ+CD68Uumn9dAOiork/AmoWi/Di3vre51m8t4lncyaxMst2dsj7gzKdpwQQMHoBUGk/EzTdXOjyxaVq1vp+suIrLULmBEikkKF9mN/mD7rDds2kjhiMEvrZB0v8A1odnRXHa98SLPRBq0kWi6vqtrouBqFzYRwlIG2hiuHkVmIUqTtBAB5PXHU2F39v063u/Ikt/PjWTypSpZMjODtJXP0JHvSWquD0LFFUda1qx8P6RPqeqzeTbQAbmCliSTgKqjlmJIAA5JNQaPrE+rK4u9D1PSDtDKt75WXB9DFI4BHoxB9qPQDVoriPCET2HxC8V6XHeX89nbxWTwx3l9Nc+WXVy20ysxGSB37Vq6/4u/wCEfFzNPoOrXVhZpvur63SLy4VxljteRXcKpySisOo5IIBoGrdjoqKwdX8W2umz6bbWlnd6teamjyWttYiPc8aqC0haR0QKNy9WySwwDzh+oeKbXSfCr65qdreWqJhTaPEDP5hfYsYAJUsXIAIJU5B3beaA3NuiuY1HxTe2/hDXdT/sS80y802yluY4dRWNlkKozKd0MjKRlcEbgw9BkE4Nr8Q9Sm8D6TqM1vZpqk2p2VjfQhWKIJ3T5lG7IzHIrDJOM4OcGmld2Xl+Lsgeiv6/hqei0Vzuv+Lv+EfFzNPoOrXVhZpvur63SLy4VxljteRXcKpySisOo5IIGd4h+KOieHLyWC5t7+5WGziv5ZrWJXRLeRynmnLAkAgZABPzDAPOEOzOzork4PiNpEmlajez299amwuY7VraWEGaaSVVaJUVSclxIuAcEZ+YLg1c03xha3l9eWOpWV3ol7ZwC6kg1Hyh+46eaHjd0Kggg/NkY5A4yf1+v5aiOgorAtfHvhC+u4rWy8V6JcXEzBIoYdRhd3Y9AAGyT7Vz/iXwh4s1O88Sy6T4hls49QSyGnoL2WMWxjfMxwq/JuXj5c570dUB39Fc5rfjO00PX7PQxp+o6hqV5btPbwWcSt5gVlVgWZlVcbs5YhcDrkgGfT/FVvqeh3GoWllevNbTNbTaf5am4jmVtpjIDbQckfNu24Ibdt5o3V1/XQPI3KKwNI8WQ6lqV5pt3pt9pWoWcK3D2t6IizxNkB1aN3UjKkfeyCOR0rI034paXqlnpWoQaTq8el6pPHbRahNBGkSTOcBGBff975dyqUyfvdaN3Zf1/X5gdtRXO6/4u/4R8XM0+g6tdWFmm+6vrdIvLhXGWO15FdwqnJKKw6jkggYOteKJbD4qaKloL/ULa90S4eGxsvmE8nmxFXwzKi4Xd87lQAcZyQCLVpf1s3+Ngeiv/W6X6noFFcxH490pvD0uqSw3kMsV2bFtPeIG5+1A4EIVSVLHgghiuDnIGSLOkeKYtV1a40i802/0jUYoRP8AZb4R7pIicb0aJ3UgHg4bIOMgZFHp/XX8tfTUP6/r8vU3qK4jwhE9h8QvFelx3l/PZ28Vk8Md5fTXPll1cttMrMRkgd+1auv+Lv8AhHxczT6Dq11YWab7q+t0i8uFcZY7XkV3CqckorDqOSCAaBq3Y6Kiua1nTNS1rXvDep6PqrQabavLLeRx3DoLqN4iI/lAw2GIPzYx1HNS+C9L1XQPBVjYeI799S1G3RzcXJleYyEsxHzMAx4IHI7UbJ36Bvax0FFYvhLxRZeM/DFrrulxXMNrc7tiXUexxtYqcgEjqOxraptNOzAKKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVHO0qW0jW0ayzBCY0d9is2OAWwcDPfB+lSUUAeZ3Xhy51fxppOr6L4Pn8L30F552oapLNbRm5gyC8TLbyuZS5A++ABgnOeDtataavpXxITxFp+jXGsWdxpQsZo7SaFJYXSUurYldFKkOw4bOQOK7KihaWt0/VWB63v1/zuctfaVf3nxG8Pawlqy2drYXcdwzOmYnkMRVSAeT8rcjI469K3tSvJ7Gyae10261KQEAW9q0SuffMjovH+9VugkKpLHAHJJ7UdLf1vcDgPA1jrVp8P7jQdU0C80+5SO5KSTTW7xymSR2VVMcrHOGGcgD3qs/hTWj4I+HVgLL/StFvbCW/j81P3KxwsrnOcNgkD5c57V3+n6jY6tYpeaVeW97ayZ2T20qyI2Dg4ZSQcEEfhVmmvdf3fht+YPVW9fx3PEhBLqWoeNp5bbxJqGiT6rKt5FoslnFa3CRRoro3nFJw3ylXMZw2OCa9e0LU7HWdAsdR0ht1jdQJJbnbt+Qjjjt9Kybz4f+Hb2e7kktruJb52e6gtdRubeCdmGGLxRyKjFh94lfm75roYIIbW3jt7WJIYYlCRxxqFVFAwAAOAAO1KOkUvT8F/VglrK/r+P9anO+PdCvte8ORppAja+sb23v7eKZyiTNDIH8ssOm4AjPY4rQ0rVtRv45XvfD17pYjTIS6ngZ5W9F8uRxj3Yr247jWoo2Vg3OC8PPrkfxE1rUrzwnqlpZ6slrHHLLPZt5PlK4YuEnY4+YY2hj7VheKvDfivWD4ptLnTdW1GW98yPSp7fXDaWMMBiwqvEsqlnB3Z3RsGJALBeR6jBqdhdX1zZW17bzXdpt+0QRyq0kO4ZXeoOVyORnrVmk4poabTucRrOgJPoOgRal4XvNXuNPgQJLpt6lvdWcoQKdshliIU4IO1+cDgjkJpeh6q3wxk0vxhYSeImkZwbG6njec2+/KI8nCPMq4+bIG4fe/irp9V8RaJoTwrresWGmtcZEIvLpITJjGdu4jPUdPWtHrVN8133JXu2S6HmFv4a8RSaD4vs7W21W10u+0p7fTtK1fUEupluDEykpJ5j7Iz8oCtIedxwoqLWfBeu/Y/Cf8AZtmZWRtNTVofPQCE20iOJOWwcDzFO3JPycHFeqUUJ2afp+F/8xvVW9fxt/keS+KvDfivWD4ptLnTdW1GW98yPSp7fXDaWMMBiwqvEsqlnB3Z3RsGJALBeQuv+CfEF7Z6ultp+9rnw3Y2MQ86Mbp45WZ05bjAI5PB7GvSLrxDotjJcpe6xYW72YQ3Ky3SIYA5wm/J+XcemevatHrSjov67NfqNu/9eaf6I8r13wHrOp3HiC6jtnLDW7TU7OJL027XaRW6I6LIjbo2PzAE45A6Dmt/w3oFsNWuL9dC8R6Pf/ZGtkvtV1ZbxgjMCVQG5mAIIB5XHHfkV2tFC0Vv62t+SFv/AF53MC18O6pb3cU0vjLW7pEYM0E0NiEkH90lbYNg+xB9636KKAPPvEF/caf8aNJltNJvNVc6FdKYbN4VdR58PzHzZEXHGOueelVrjw34qt/CGpT2CvDqesayuoX1nZ3SpMlsditDHMSFEnlouWBUZ3AN0Y96+kWMmuxaw8Gb+G3e2Sbe3EbMrMu3OOSqnOM8VLfX9npllJealdQWdrEMyT3EgjRBnHLHgcmhaRS9f/Sr/wCQ3q/67WOA8K+G9UtvHep6vJpOoWFhcaSlrCupaub6cusjEhi0kmzrwFdlxzkEkDpPh9pV7ofw80TTNUh8i8tbRI5o9wbaw6jKkg/ga2bbU7C8uri2s723nnttvnxRSqzRbhldwByuRyM9RVqnsrf11f6i3d/62S/Q8l8VeG/FesHxTaXOm6tqMt75kelT2+uG0sYYDFhVeJZVLODuzujYMSAWC8jZfTda0bxT4d1eHQrrU4rXQX0+4is5oA8UpaFhnzZEBHyNyCa9BopR93b+tGv1YPX+vNP9DzKbwXrg0864lrFJq48Q/wBujTBMuCnliLyfMPy+Z5YznO3fxnHzVuWNjqur+OU8TahpVxpcGn2EtnbWc8sLzztIyO7ny3ZFX5FUfPknOdoAz2NFC02/rS35A9d/61v+ZwXh59cj+ImtaleeE9UtLPVktY45ZZ7NvJ8pXDFwk7HHzDG0MfasLxV4b8V6wfFNpc6bq2oy3vmR6VPb64bSxhgMWFV4llUs4O7O6NgxIBYLyPWqKTSaGnZ3KOiW8tp4f0+2uF2TQ2scci5BwwUAjI96utkKduM44zS1XvrCz1Syks9TtILy1lGJILiMSI4znBU5B5qptybfcmKUUkcv8MPFWq+MfB39qa7aW1vci6mgVrTd5MyI2A6biSQeRnJzjPtXYUyGGK3gjht40iijUIkaKFVFAwAAOgA7U+hjCiiikAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFVtR+1/2Xdf2Z5f23yX+z+b93zMHbn2zirNRzxvLbSRxTNA7oVWVACyEjhgCCMj3BFKSurDTs7nmXgjVbGC/06y8T3viPS/FsoZZ7fWLqbyL6QAeZ5IJNuy7m+URYYADAAzl32XxS3xsvhb6zo6Tf2HEyu+kysoi+0SbV2i5BLA5y2cH+6K6G58J61reoabJ4n1yyuLTTrpb2K30/TWtmkmT7hd3mkyoyTgBcnHOODY1fwzqM3iuHxD4f1W3sLwWZsp47uyNzFNHv3qcLJGwYHdzuIwx4qr6p+v5f5i6Nen5/5FXxBr/iCz8XaF4f0aPT5JNStbiSe6uUcLAY/L+cIGyw+c/JkE5HzDBJv6cfFl1o19b6n/ZtnqUVy0dvdi2aS3uYeCJPJE25cgldpfgjPI4qW48OvdeLdI12a8XzNOtJ7d4lhwJTL5eWB3HaB5fTnr1450dSj1GWyZdHurW1usjbLdWzToB3+RZEJ/76/Ol01/rX/IP6/A5bwLqjP8K49QisNOsXhS6It7C28i3DJJIMrHk4yVyeepNZGleOPFDad4Q1rW4dJjsPEdxDbGztopDLCZYmZJPNL4OSv3NnAbG44ydzwr4Q1bQPDM+hX2s2d7aPHMsTQ6c8EiNIzMxYmZwwy5wAB9aRvAW7w34R0n+0v+RaubWfzfI/4+fJjKYxu+TOc5yce9NfFd/3fzd/w/4Antp/e/4H4mJ4m8c+I7az8Xahok2i2dv4ZYRG31K3kkkuW8tZN25ZUCBt4VRtbcR1GePQdMe5l0m1kvyjXLwq0pjiMa7iMnClmK/Qk/WvEWuNO0/xH4p1e+vPCem6vb6rNNa2viDTRc6g2xF8ton82N9j7coFVsZwC1ez+H7+81Tw5p99qlg+nXlxbpJPaOeYXIyVP09+aUdYX8l+X9eg5aSt6/1/W5ifE6PUZPhvrv8AZt1a26rp1ybgXFs0pkj8psqpEi7G/wBo7h7Gp/BcGuxeHrFtW1HT7mBrKLyEttPeFk+QfeZpnDcegWtvU9Pg1bSbvTrvJgvIHgl29drKVOPwNZPhrR9e0XTI7DUtastRhtrdYLZ105oZBtGA0h85g/AGcBaS05vO36jetvK/6f5GX4RnvB468T2OpwaO93Alo8l9p+nm2e53q+BJmRy20DAOe5rE+y+KW+Nl8LfWdHSb+w4mV30mVlEX2iTau0XIJYHOWzg/3RW9o3hbxHp3i6+1u71/S7gaiIVuoItIkj+WIMF2MbltpO7kkN9Kt6v4Z1GbxXD4h8P6rb2F4LM2U8d3ZG5imj371OFkjYMDu53EYY8U/tJ+v5NC6SXe35oo/FYOPhJrQmZXkFum9lXaCd65IGTge2TV7xv4tj8HeG4bxmtVnurmKzt2vJhFCjufvyN2VVDMfXbjjOaZ408M6x4r8OyaPbaxY2MFzEEunk055mZgQcpiZQoyOhDfWpNU8MX+u+HIrTV9UhXU7W4S6tL+xszEsMqHKN5TyPuHYgtyCenWjr9356/gH/B/4Bj+GPH51LxPeaE2qaL4ikjsTfQXOhOqhwGCtEyNK4V8kEEuAQ3IGMnetfEWqXF3FDL4N1u1R2CtPNNYlIx/eIW5LYHsCfap9PsdadbiHxLfaVqVtNGU8m20x4M54IbfNIGBHGMCoLXwF4QsbuK6svCmiW9xCweKaHToUdGHQghcg+9PtcXcoa38NtF1641ua9kulfW1tVufLZBtFu25NuVOMng5zkdMVj/E2DW31nwmbDUNPgtzrkKwxzWDyMkvlS/MzCZQy4z8oCn/AGu1ejVh+K/Dj+I7C0S1vfsF7YXkd7aXBi81UkTPDJkblILAgEHnrU7NeTT/ABRXfzTX4WMvxR4pvfBPhOK61q80u41C6u47SCcxtZ2qNIeGk3SOQqqGY/NztwMZqp4U8ef2t4suvD8msaHrrrZfbYb3RW2rgMEaN4/MkwwJBB38g9BjnX1Xwzf6/wCHY7XV9UgXU7a5W7tL6xszEsMqHKHynkfcOoILcgnp1q/pdt4gjeX+3NU066RlxH9i057ZkPqS80gP0wKfe/8AWmn4ifl/Wv8Akcr4G8b3/im8X7VqeiRTky/adAEMkV/YBSQN5dyXIO0H92gO7IPABz/svilvjZfC31nR0m/sOJld9JlZRF9ok2rtFyCWBzls4P8AdFdBL4O1LVPEWk6j4i1ayvI9Gmae0FtppgmLldvzymV8rg5KqqBiAegxVnV/DOozeK4fEPh/VbewvBZmynju7I3MU0e/epwskbBgd3O4jDHijqn6/k/1/wCHG9mu9vz/AMjM8V+Ov7D8RWHh46zoek3U1o13cahqx2wqoIVVSPzELMzbj9/5Qp61HpN5Z/Fv4f6vpWqzwOguX0+6udKmDxylCrCSIncAGBU4O7HTJxmtnVvDN/c63Z67o+qQWOrwWxtJnmszPBcRE7iDGJFYEOAykPxyDuzWzpkeoxWYXWbq1u7nccyWts0CY7DY0jnPvuoW2vn+en4Cu001/Wn+ZR0nwvYaNr2r6tZmXz9WMJnViu1fKTYu0AAjjrknn0pul3XiKXxTrUGrafawaNCYf7MuYpMyT5TMm8ZOMNwOB+PWtuuD8LJrt78TvEesNcamvhuaCGG1ttQR4h56gb2iicBlT1OBuJPXGaFrK3l/X+QtoneUUUUDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAzdR12207V9L0yRJZbrU5HSFIgp2qilmdskYUcDIycsoxzS6/rdr4c0K61W/DtBbJuKRgF5CSAqKCQCzEgAZHJFc94d2+IPHuteIT81vp//EnsSTkZUhrhx6ZfCf8AbKjxJt8QeO9F8Oj5rex/4nF+M8EIdsCEd8yZf/tlQtbef5b/AJa/gD0v5fn/AMPodLf6vp+k6d9u1m8t9NtvlDS3kyRKhPQFicZ7dafp2p2GsWKXukX1tfWrkhJ7WZZUbBwcMpIODxXDXCPe/HW4F1FDcT6boKz6PBcSbUEjyMsrg7SVPyxqWAJAPQ5xWVrHjnVbrw/fQ2mkHTdRbxLFot42l3KSyOCiFnjkkWIByuIwWxjg54GBa/P/AOS5fzB6b9P8r/kesUV5zpUfiDT9S1fy9O17T9CfSpJF/tjUo7qSK6XoY3E8sgBXnBOAV4xnnC0t9S0rw38Odfl13Vr7UNYvLSC9Nzeu0Usc0DfL5OfLGMKd23cSMkkkmmtX934tr9PuB6L7/wAEn+v3nsdFeQ3F74g8S6h4olttP8TyXdjfy2WmSaZqMFvb2piUbS8bXCeaWY7m8xGGCAOOK19S/tvVfF/gvTdT1C+0prrSbmXVbWzuNnmyKIcpuQ/LhmPzIQwGdrDOaS1S8/1Tf6a/qD0bX9aOx6PRXFX8UXgvwreW+q6zq+oW95fiOwjhlZrzEhG22SZ3LMSd2HLKVDfeXaGrJ8MNdS+O9Y8OXNv4g0/TZtKiuhbanqpmnRzI6Fo50nkdFIA43gggkAZ5Fq7L+tL/ANf5A9Fd/wBa2O+0zV7HWI7h9On85ba5ktZTsZdssZ2uvIGcHuOPSrteafDHwzYxf2zdCfVPOtfEF6iI2rXRQgScb4zJtckEElgSepzWZcXviDxLqHiiW20/xPJd2N/LZaZJpmowW9vamJRtLxtcJ5pZjubzEYYIA44pX0Xpf8v8/wDgjtq152/P/I9eorgPENp4s1Cw8MXE1lfTwpETrWm6ZqQs7gzNGMMsiugZVbflRIoOQfmxXQeCtXsdZ8MQz6ZJqDRxO8Lx6mG+0wOrENFJu5LL93JJJxksx5NW3XYnon3N+iorq5hsrOa6upBFBDG0kkh6KoGSfyFeTx61PFrnhTVdGtfFMFrq2orDJd6rqCyW97DJG7ZFv57GMkqGXEceBxgD5aS1dvT8dhvRX/rTc9drN1/XbPw3osupah5jRRlUWOFN0ksjMFRFHdmYgDoOeSBzWlXnXxZ0y7uLPSLiHXL+1ibWtPiFtCluY1Y3C4kBaJm3DOQC23gZU85N2l3aX3sOjfZM7XS9Sur+1llvNFvtLaM4EV28DNIMZyPKkce3JBpug6z/AG9ocOpDTdQ03zd3+iajB5M6bWI+ZMnGcZHPQio49BZ9Gk0/VNY1TURI+43DTrazAcYUPbLFgcduTkgkjisb4W3Nxd/DuxlvLme6l824Qy3EzSuwWeRRlmJJwABye1AGjoPipNc1bUtMk0q/0y800RNNFeGE5EgJUqYpHB4U9xW9XGeHv+SteMv+vfT/AP0CSuUuL3xB4l1DxRLbaf4nku7G/lstMk0zUYLe3tTEo2l42uE80sx3N5iMMEAccUr/AJX/AE/Udv6+Vz16kZtqFsE4GcAcmqeiyX8ug2EmsQ+RqDW0ZuogQdku0bxlSR1z0OKk1Gwh1Oxe0uXuEjkxlra5kt3GDnh42Vh+BpyTTaQou6uVvD+s/wBv6JBqX9nahpnnFh9l1KDyZ0wxX5kycZxkc9CK0q4TwLeXc3wf+0XF5cz3CR3gE80zSSfLLIFy7EsSAByT2rl9LfUtK8N/DnX5dd1a+1DWLy0gvTc3rtFLHNA3y+TnyxjCndt3EjJJJJpq0pWXl+Ownor+v4HsdFFVtQ1Kx0mye81W9t7G1jxvnuZVjRcnAyzEAZJApDLNFcZ8Trm/g8N6eNI1GfTp7jWLKAXNuRuVXmVTwcgjB6EEHuDWcwuPDnjK90XTtQ1C4s5vD8t7ILy9luHhmRwquryMWXcGOQDjKAgCpbsm/X8Ff8hpXaXp+LseiUV45pb6lpXhv4c6/LrurX2oaxeWkF6bm9dopY5oG+Xyc+WMYU7tu4kZJJJNQ+Iry+1+88ZWltc+KZNYguhZ6I2ivdRWqERoQrPHiEMJGbeZTkDgHgVck02u1/wt/mvxFHW3nb8b/wCTPaaKq6ZatZaTa20ju7wwqjNJK0rEgckuxLN9SSatUNWdhJ3VwooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKjuUmktZUtpVhmZCI5GTeEbHBK5GcHtkVJRSaurAtDL8M6FD4Z8M2Oj28hlW1iCNMwwZX6u592Ylj9ai0bw/wD2XrGs6nPcfabrVbhZC3l7PKiRAkcQ5OcYJzxkseBWzRVXu7h0sZOt+GNJ8QvbS6pbM1xaMWt7mCeSCeEkYbbLGyuoI4IBwe9VoPA3h6DQr7R/7PM1nqEpnulubiSd5ZCB85kdi+4bVw2cggEYIrfopAY9h4X07TkuEhl1KdLmMxSLearc3Q2nrgSyNtPuMGg+FNFOm6RYGy/0XRZIpbCPzX/ctGpVDnOWwCR82c962KKP6+4DBv8AwXouoapNqLx3trd3CqJ5NP1G4s/O28KXEMihyAcZOTjjOBV9tEsH1Sy1F4We8sYXgt5mlclUfbuByfmJ2Lycnjryav0UbAZ+taHp3iHTTY6vb+fBvWRcOyMjqcqyupDKwI4IINVNH8H6HoOpTajpto631xEIprqa5lmlmUHI3vIzFiOgJJIAA6ACtumyOI42duigk4pXUdQ30MaPwho8GvS6xaxXVtdzyiaYW99PFFM+ANzwq4jY4AySpzjmmX/gvRdQ1SbUXjvbW7uFUTyafqNxZ+dt4UuIZFDkA4ycnHGcCqvhzxpL4mt7K8svC+sw6feqHjvZ3tBGFI4Yqs5f/wAdz7U+88Rs3jnTtG0vWPD5UeZ/aNjPdf6cPk3R+VGp/Ftw+7yKdugd2aGpeG9P1WOBbo3qNbrsSW2v57eXb6NJG6sw4BwSeRnrVnSdIsdD02Ow0q3W3to8kKCWJJOSzMSSzEkksSSSck1g/ELWdb8OeF7jWtEnsFWyTfNBeWjymbLKAFZZU2dT1DfhXTSTxQWr3FzIkUUaF5JHYKqKBkkk9APWi+gdbDpYo54XimRZI5FKujjIYHggjuK5my+G/hawuLKeDT5WfT3D2Xn3s8wtSMjEQdyI155VcA4GRwMbWk65pOvW73Gh6pZalDG2x5LO4SZVbGcEqSAcEcVeo2dw3VgqlqmkWOswQw6lB50cFxHcxjey7ZI2DI3BHQgHHQ96xNf1zVR4s03w34fazgurq2mvJru9heZIooyq7RGroWZmkHO4AAHg5pvirxBdeH/DcUX9veGrTX5gogfV5Ta205DDeQm8v0PADHBIyaF0f3ff/mPrY39S02DVrJrW6e6jjYglrW7lt34/242Vh9M81m6D4O0fwzbyQaML6GGRSpik1K5mRckklVeQhCSScrg89a079L+XT2XS7m2trsgbZbi3aeMc85RXQnjP8Q/pWP4D1298SeDbTU9UWBbqR5kk+zoyIdkrICAzMRkKD1NAr7DdO8BaHpesHVLM6oLxypkkl1m8l83aCFDh5SHAycBgQM1Nf+C9F1DVJtReO9tbu4VRPJp+o3Fn523hS4hkUOQDjJyccZwKuW3iPRL3V5tKs9Y0+41GDPm2cV0jTR4ODuQHIwSOorSoAbHGIokjUsVRQoLMWOB6k8k+5qtqWmwatZNa3T3UcbEEta3ctu/H+3GysPpnmrdFG+4bGDovgrRfD1nNaaXHeJbToyPBNqNxPGAxJbaskjBSSSSRgnNTHwpop03SLA2X+i6LJFLYR+a/7lo1Koc5y2ASPmznvWs7pFG0kjKiKCzMxwAB1JNZtt4n0C81NNOtNc02e+kjEqWsV3G0rIV3BggOSCpBzjoc0en9W2A1Ky/EXhvSfFmiy6T4hs1vLGVlZ4i7Jkqcg5UgjkdjTr/xHoml6hBY6nrGn2d5c48i3uLpI5JcnA2qSCcnjjvVyO8tZrua1iuYXuLcKZoVkBeMN90svUZwcZ64o3DY5j4geHbnXvDunadpsDssWqWcsiwz+S0cKSqXKsGUghQSNpz6c1q6b4V0jSobxLW3ldr5dtzPc3MtxNKoGArSyMzkAE4GcDJxjJrShvbW4uZ7eC5hlntiFniSQFoiRkBgOVyCCM9qkkcRxs7dFBJxSbSi79dfwX+QdVYyT4U0U6bpFgbL/RdFkilsI/Nf9y0alUOc5bAJHzZz3rz2bwrrVpdeJWm0TXrzUNRvZri0vdG1wWNrtZQIt8azxkMoADMY3JxnLV2XhzxpL4mt7K8svC+sw6feqHjvZ3tBGFI4Yqs5f/x3PtT7zxGzeOdO0bS9Y8PlR5n9o2M91/pw+TdH5Uan8W3D7vIptNvXrf8AS/5AnZen/B/z2NTw/balZeHNPttdu0vdSht0S6uEGBLIB8zDp39h9BWjXK/ELWdb8OeF7jWtEnsFWyTfNBeWjymbLKAFZZU2dT1DfhXTSTxQWr3FzIkUUaF5JHYKqKBkkk9APWm3e7YkrWSJKKo6Trmk69bvcaHqllqUMbbHks7hJlVsZwSpIBwRxWXaeIrnVPG13pWmW8badpaBb+8cnJuGAZYY+xKqQzHnG5R1zhdbD6XOiorgPEvijxpp154lTRdDiuorBLI6cxtJnNyZXxMPlPz7Bz8uNvfNb3i/xcvg3SjqV5o+oX1nGuZ5rIwYhywUZEkiE5Lfwg++KOlw62OhorltZ8d2vhzRLDUtf0nUrBL28W08llikeHIZvMfy5GUIFQsSCSB2qw3jXS08azeGXWdLiCya9kunVRbqqldy7yfvAOrEYwAQc0f1+F/yD+v0OhormNJ8bprn2e503QdZl0q5cLDqhhjWFwTgOIzJ52wn+Ly8Y+b7vNWvGWvTeHvDr3NjGk2oTyx2tjC4JEk8jBUBAIJAzuOD0U0agbtFUNR1nTtBsI7nxBqdlp8TMIzPdTLBGz4zgFj14JxntWb4k8baN4d8Iy69LqNhJCbZ5rMNeIi3rBCypG3IYtjjGevQ0m0k2NJtpdzoaKxPDfi/Q/FNrG+karp93ceSks1va3aTPBuHRgpyMHjkCp7TxPoGoarLpdhrem3WoQlhJaQ3cbyptOGygORg8HjiqaadiU01c1KK4p/it4Wh8ZXGh3GuaPDDBaLM16+pxBfN8xkaHBOAwCgnnPPSr/jHxOukaEjaXrfh2x1K7CtYnW7vy4JhldxG0hm+U8be5FJapNdSutjpqKimuIrSzkubyaOGGJDJLK7BURQMliTwABzk1n2vinw/faXcanZa7ptxYWxInu4ryN4osDJ3ODheCOp70C3NWiuO8LfE7w54mnuLaPVtLhu1v5rS3tl1GN5LlUbCyIvBIYcjAP1NXLzxGzeOdO0bS9Y8PlR5n9o2M91/pw+TdH5Uan8W3D7vIo3t5h38jpaKq6lqlho9i97q99bWFqhAae6mWJFJOBlmIAyeKbDq+m3Gkf2rb6hay6d5bS/bEnVodgzlt4OMDByc9qA8i5RVHSdc0nXrd7jQ9UstShjbY8lncJMqtjOCVJAOCOKvUAFFcB4l8UeNNOvPEqaLocV1FYJZHTmNpM5uTK+Jh8p+fYOflxt75ruLu8ttPtGudQuYbWBMb5ZpAiLk4GSeByQKOlwejsT0UVDeXlrp9nLd39zDa20K7pZp5AiIPUseAKAJqK47wt8TvDniae4to9W0uG7W/mtLe2XUY3kuVRsLIi8EhhyMA/U1cvPEbN4507RtL1jw+VHmf2jYz3X+nD5N0flRqfxbcPu8ije3mHfyOlork/FnxE0TwlqWmWN/f6etxeXaQzRzXyRPbRMrHzmU87cqBzgc9a111NNf0VrnwjrGmzlm2x3YX7XACD8wIjkXJxx94Y/SjdXQbOzNWiud8B67e+JPBtpqeqLAt1I8ySfZ0ZEOyVkBAZmIyFB6mtC28R6Je6vNpVnrGn3GowZ82ziukaaPBwdyA5GCR1FAGlRRUN3eWun2r3N/cw2tumN0s0gRVycDJPA5IFAE1FFFABRXn/h7xR41v77w5Hq+hxW0N+9+NRYWkyfZxExEJyx+XeOfmzu7Yr0CjpcOtgorntf1TXLLxL4fs9IsUuLG+lmS/naF2+zqsRZDuU4XLDHzZznAp/gjVNZ1nwbYah4msVsNTnVjPbLC8Xl4cgDa5LDgA8+tC1B6G9RRUMV5az3U9tDcwyXFvt86JJAWi3DK7h1GRyM9aAJqKKq6lqlho9i97q99bWFqhAae6mWJFJOBlmIAyeKALVFZz3b6xoguvC+p2DecAYLwx/aoGGeeEkXd0I4YYP5VneA9dvfEng201PVFgW6keZJPs6MiHZKyAgMzEZCg9TQB0VFZdp4n0DUNVl0uw1vTbrUISwktIbuN5U2nDZQHIweDxxS33iTQ9L1KDT9T1rT7O9uMeTbXF0kckuTgbVJBOSMDHegDToqlqutaXoVqt1repWenW7OEWa8nWJCxBIXLEDOAePasfxN490bwvoen6vcGW+sdQuEghmsNsqncrMHzuAKYUnIyfQGgDpaKym8Q2i+KLbQgsrXNzZPexyKB5flo6KRnOc5cY4xjPNLaeJ9A1DVZdLsNb0261CEsJLSG7jeVNpw2UByMHg8cUAalFZMvivw7DLJHNr+lxyRRvLIj3kYKIjFXYjPAVgQT2IINTXniDRtO0uLUtQ1axtbCbb5d1PcokT7hlcOTg5HI55oDyNCiorW7t760iurKeK5t5lDxTQuHR1PQhhwR7ipaACioYry1nup7aG5hkuLfb50SSAtFuGV3DqMjkZ61NQAUVz2v6prll4l8P2ekWKXFjfSzJfztC7fZ1WIsh3KcLlhj5s5zgU/wRqms6z4NsNQ8TWK2GpzqxntlheLy8OQBtclhwAefWhag9DeoprukUbSSMqIoLMzHAAHUk1nWvibQb3Ul06z1vTri+aMSrbRXcbyFCoYMFBzgqQc9MEGgDTorJvfFfh7TZRHqOvaZaO0phCz3kaEyAAlME/eAZeOvzD1qxqut6VoVstzrmp2emwO+xZby4SFWbGcAsQM4B49qOlwL1Fcnr/i8y+BNU1j4fT2PiG9tFAiitX+1Kz5GVIibJO05wDnpVnQNV1698Ua9ZavYR29hZG3FjOkMi+fvi3SfMxw21uPlxjoaAOjornPDviO6vda1XQtchht9V09xIohz5dxbOT5Uq557FWHOGU9iK25tQs7e9t7O4u4Irq63fZ4HkCvNtGW2qeWwDk46UB1sWKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACorn/j0m/3G/lUtFTJcyaGnZ3POvhLo98nw/8ADd63iTU3t/saN/Z7R2vkgEH5ciESYH+/njqai8Z+LPDlp8TPCUd3r+lwPY3F39rWW9jU2+63IG8E/LkkYzjNelUVcnd3JtoeffGHX9HtvhnqVtc6tYwz3tur2sUlyitOu9TlATlhj0zUPxGv4df8BWN94f1GyvtLg1S3lv54k+2wCCNssXWNgWVWCMwBHCnPFej0Uut/T8Hcf/B/E8/8Irb6r48uteh8Z+HdbuDp4tZ7bRYAhKiTckjn7RKTj5gOB96vQKKKOiX9dw63PMdR8GeF5/jZYwz+G9IkiuNFuriZHsIissvnw/vGBXlvmb5jzyfWrfxe1PRNF+F+o6TLfafp8stsqWlm0yRM6q6jEaZGQB6DivQ6KPsqP9bt/qP7XN/XQx08V+Hf7CGr/wBvaZ/ZgYRm9+2R+SG6bd+duc9s1w3w51i31T4Q3WneG9Ws59ZjhvWjhguEeSJmll8tioOQCSpBOK9RopSXMmu4o+7byPFPC8Vrqul+ENKk8ZeGbK60e4hlj0pdPMN/HKgIkhYPclgzfOGOznJOK9rooq3K9/W4krHKeLNE1PVL+GTTrL7Qix7Wb/hJ73TMHJ42QIyt/vHntWj4W0+803SWh1C38iUylgv9r3Go8YHPmzqrD/dxgfia2qKlaDepR1v/AJF/Uf8Ar1l/9ANeT2tnbaZ8N/hL/Z9vFbl9UsHYxoBlpIHMh+rZOTXs1FEdHfzX4O/4g9Vbyf4qx4pOxg1TxtpHiXxR4b0JtWvZCya3YEyXNqyBImjka4jV1VQVACnaynPJqTWLPUNP8UWfh3RdZkGpa/oNrBHqlv8AKWNqzs8owTjcjAdT1617PRSSskvT8E0vzG9b/wBbtP8AQ8/+E+or4ittf8SbCkmpaioZSrDYYreKMryAeHDiu7uf+PSb/cb+VS0UT96NvK34WFHR3POvhLo98nw/8N3reJNTe3+xo39ntHa+SAQflyIRJgf7+eOpqLxn4s8OWnxM8JR3ev6XA9jcXf2tZb2NTb7rcgbwT8uSRjOM16VRVSd3cVtDz74w6/o9t8M9StrnVrGGe9t1e1ikuUVp13qcoCcsMemah+I1/Dr/AICsb7w/qNlfaXBqlvLfzxJ9tgEEbZYusbAsqsEZgCOFOeK9Hopdb+n4O4/+D+J5/wCEVt9V8eXWvQ+M/Dut3B08Ws9tosAQlRJuSRz9olJx8wHA+9Vn4Xkppuv29wf9Nh1+9+0hmyctJuQ/QxlMe1dvWEnhlbbxrJ4hsLp7f7XAIr+127kuivEcnX5XUZGe4IB6ChaP5Nfjf+vUT1XzT/Cxu1538btY0yx+GWpWV7qNpbXV0iG3gmnVHm2yoW2qTlsd8dK9EooKWh574pvNH8Vah4MgtLu01PTr3UbiN3t5VljcCznDLuUkd8EVy/ivwZfWclhoFrqEmoapqei6vE106BGuJCsJUHk4+VVTr0UV7VRSavfzv+Vgi2mn2/zueQXfjqI2HhNPDXiR7HUGvbLTrzw4yW4ljXeFmDxPGZlIAIyCBgAj1PWzn/hIvipDbY3WXhmDz5OmDeTDEY+qxbz/ANtBXZVT0/SbLS5Lx7GHy3vbg3NwxdmMkhAXOST2VQAOAAMCr5ru77t/fb8tX6k2srLyX9fkcp48isLfW9E1qbxRZeHNQ0/zlt5tTiV7WZJAodDuZPm+VSNrhsZ6jNVbK91Dxd8FdZZ9Nt4Ly7s72GMWKt5N2xDgTRAgNtkJ3DOSd2cnOT6DRWbjeLj3LUrSUuxyHhTxfo+o+CbdtEvbfU7yy0xJJdPt5la4VljHyMmdytkbcEda88i8UyeIb7wFImq6FKV1SFzpmk2Mgk01WikXypJvNKrgHbtKIWIOBhSK9yorRyvPnfdP8bkJWhyrs1+FjgNU1fTvDfxl+3eIL6302zvdCWCC5u5BFE0kc7Myb2wu7DqcZzjNN+MOv6PbfDPUra51axhnvbdXtYpLlFadd6nKAnLDHpmvQaKj7Nv63b/Uq/vc39aJL9Dj/FMnh7xh8O7of8JBbx6ZIyf8TO0kSaKCRHVlZjym0Mo3BuMZyR1qr4G8S3eteItVtZrnR9chtoIdmvaOhSObOf3Ljc43qSzYVyAHHCk4ruqKa0bJ6WPPfAet6XpWqa/oGp6ja2erSa/dyxWVxMscsyStvRkViC4KnqM9DVfxn4s8OWnxM8JR3ev6XA9jcXf2tZb2NTb7rcgbwT8uSRjOM16VRS6JdrfgN6tvvf8AE8+8VX9jYfEjw1rOvzxJ4fSzuBb3kpH2eC7YpsdnztUtHvCseOSAea0fFMfh3xT8Pr3GrxWmmXMiyf2pbqrxLIjqyyEkFHQMo3E/LgEEjqOwoo6W/re/9fLsHW/9f1/wThfA3iW71rxFqtrNc6PrkNtBDs17R0KRzZz+5cbnG9SWbCuQA44UnFd1VbUEvZLGRNLuLe2uzjy5bmBpo155yiuhPGf4h/SsVbHxtuG7xBoBXPIGhTDP/k3VXuB0dec/GmPWR8PtUns76wjsESEyW8tk7ys3nLyJBKoA6cbD0PPPHo1FIChpEWrRWrf25e2V5MWyj2dm9uqrjoVaWQk5zzkfSr9FFAkee+A9b0vStU1/QNT1G1s9Wk1+7lisriZY5ZklbejIrEFwVPUZ6Gq/jPxZ4ctPiZ4Sju9f0uB7G4u/tay3sam33W5A3gn5ckjGcZr0qil0S7W/Ab1bfe/4nDfEi5hgsvDGsySr/Z1lrlvc3FyDlI4mR08wkcBcuuW6YNdGPFfh06KdYGvaX/Zgfyze/bI/JDZxt3525z2zWtRT2TXnf8v8g3aflb8/8zy74c6xb6p8IbrTvDerWc+sxw3rRwwXCPJEzSy+WxUHIBJUgnFYvheK11XS/CGlSeMvDNldaPcQyx6UunmG/jlQESQsHuSwZvnDHZzknFe10UR0d/T8Aeqt6/iFec/GmPWR8PtUns76wjsESEyW8tk7ys3nLyJBKoA6cbD0PPPHo1FAFDSItWitW/ty9sryYtlHs7N7dVXHQq0shJznnI+lX6KKBIKKK5s2PjfJx4h0ADtnQZv/AJMoGdJRVewS9jsY11S4guLoA+ZLbwNCjc8YRncjjH8RqxQBFcrO9rKtnJHFcFCI5JYzIitjglQykj2yPqK808LQ+KP+FreLY31fSCYzYNdMNKlHmqYzgIPtHyHAIyd/POO1eoUULR3DpYK4DxddWulfE7w5qniSRINDhtLhIbm44gtrwlNrOx+VSY94Ut7gcmu/oo6p/wBf1+odGjHTxH4dg0VtYGq6fBpkknN80yRwSMeMiQkK2TxkE5xjtXHfCrxJpknwzMemXdtqd9Zfa53sbWdHmI86RlG0EkbuMZHORXpNFJq6A8Ni8UyeIb7wFImq6FKV1SFzpmk2Mgk01WikXypJvNKrgHbtKIWIOBhSK2vF1/b+FNe8Q6lo+v6PPe6ksRu/DOrQ7pb1lUIFgIIf50+UDZIpbPTnHrFFP08/0/y6h1u/61b/AF6HB+MhZrf+Hteu/EVn4V1Ozjk8k6rGr2zrIq+ZE25k+fgY2urYDcEZrmr/AFa48Q+F/A95qGn2tq8viyJWNoD9nuh++zPGGAOyQ5YZ5Oc5Ocn2GijS/wA7/jcNbW8rfg1+v6HkOk3M+jfFRdJeGS6n0Hw/epBEhJe4g82F4MZ5J2/u892Rqy4vFMniG+8BSJquhSldUhc6ZpNjIJNNVopF8qSbzSq4B27SiFiDgYUivcqKabVr9P8ANv8AG/8AkD1vbr/lY8J0jTLKbxJocsttG7t4m1yYswyS6h9p/DaMfTNReHri70qDwLqtzq2maPp6+HTBbX2rWjTW8Vwzguu4SxiN2RRgk8hWA7173RUx0t8vwTX6jerfn/nc5H4c6fb2Oh30ljr2m63b3uoTXSy6XEEt4mfBaNQJJP4sn738VdTcrO9rKtnJHFcFCI5JYzIitjglQykj2yPqKlopvawl3PL/AAtD4o/4Wt4tjfV9IJjNg10w0qUeapjOAg+0fIcAjJ38847V6hRRR0sAUyaVYIJJXDFY1LEKMnAGeB3p9FJ3toBymk+LbDxx8N7jXtJhuYbW4t7hUS6jCOCu5TkAkdR2Jrz7w3c6JqPw/wDh/oXhGeyuNVt7myvLmKwdXe0CgNcSS7fuZBZTuwSXxyeK9lvrb7Zp9xa79nnxNHuxnbkEZx+NU/Dej/8ACPeFtL0bz/tH9n2kVt52zZ5mxQu7bk4zjpk1SspN/wCH8Lv/ACCWqt6/jY80bTrM+HfjBem1iNzJNdRPMUBZkWzjZVz6AsTj1NQX2vyaP4k8D6lNLpUR/wCEafMuuX5s4HZ/JyI5djjzRjkY5U17LXL6r4UvpPGC+JdB1S3s79rH7DKl7ZG5iaMPvBULJGytknPzEEY44zUrS3ol90WvxuN63+f4tP8ACxH8NbC00/wZGlhqen6kk1zPcPLpjhrZHkkZ2jjIJ+VSdo78ZwOg6ysDwp4X/wCEbTUZp7z7bf6reNeXkyxeVGXIAASPJ2qFUDksT1JNb9Uye5xN7+++OelC1J32+h3Ju9p42PLGIwR9Vcj6Gn+LNQ8Mad498Itr2m3E2q3E01vpd7GhMdu7KAwc7h94EAcNjk8da2PD/hpNFu9Sv7i6e+1LU5/NuLp0C/IOI4lA+6iLwBzyWPU0XfhW01HxRaa1qVxc3bWGWsrSQoILaQjaZFAUMzY7uzYycAUo6cq7fq2/1sN/a8/8rf8ABNuiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKjubiK0tZbm5kWKGFDJI7HAVQMkn8KTaSuwWuiOYvry71T4l2Gk2c00VnpVs19fmN2USPJlIYjg8jiRyp4+VaXx9f3cekWuj6RNJDqOt3SWUMsTFWhQ/NLICOQVjVyCOh20z4dW802hT+Ib+Mpe+Ibg6g6sPmjiICwxn/AHYlT8Sai0rPiH4m6nqrYaz0GL+zLQ8EGdwslw49wPLT8GHrVW1UX6v/AC/KIX3a+X9f+TE2seINQXxVZ+E/DS2wvmszeXF5fBpUtYQwRcoGVpGY5H31xgkk9DY1PxHL4O8LS6p4wkiuFgmjjabTbZl3q7qobymZiuC2CAzEgZHJ2jP1rSdX0v4iQeLdFsG1WCbT/wCz76ximSOYAPvSWPzCqNglgQWXggjPSl8WWes+KfBPlQ6NLaXJ1C1lS1nniMgjjnjZmYqxQHCscBmyAO52hK7S9dfv/wAg0T8un3f5mhpvjO2vdbk0u903UNJuBaG9iN+sarNAG2lxtdiuCVyrhWG4ZHXFax+IVhez6cW03U7XT9Vk8vT9TuIkEF0x5QABzIm4AlS6KD+Izva3pw1jQNQ0wyGIXltJb7x1XepXP61574c8I+THo9h4g8LeIpJ9Oki/0z/hIWnsRJF92ZY2ug23gEL5XGcYojvZ+X5u/wCFvn+A9tP6/p3Ou1/xd/wj4uZp9B1a6sLNN91fW6ReXCuMsdryK7hVOSUVh1HJBAxfG3jHVdKvvDi6Hpd/c2t9qMKPcW5tSl1G0cjeUvmSBgxwDkhRx97scHxV4b8V6wfFNpc6bq2oy3vmR6VPb64bSxhgMWFV4llUs4O7O6NgxIBYLyOj8Q6Fq0nhTwu+n2X2q+0O7tbqSzEqI0oRCjqrMQu4ByRkgHHWlHWzfeP47/d/VxvS6XZ/lp9/9WNu68UxaZ4dbVtb06+0394sSWcojknldmCoiiJ3UlmIAG764HNJpHiuHU9UudLvNPvtI1G3hFw1rfCPc8ROBIrRu6EZyD82QeoGRnE8ZaRqXjPwnaSw6Ve2N7p+oR3qWE96sEs4jzlBLBIwQsGO07uDjOOol8L6Jawa3NqY8N6/p98tsYEuNa1j7WHQsGKL/pM23kA5wKff+umn4ifl/Wv+RoaB4xj8RNBNZaLqiabdbvsupSxxeTOBnBCrIZEBAJBdFHToSAejrzTSvDeo2PizTZPDGh6p4YsY55ZNThl1CKSwuEYZKxQLK+1i+CGCRYG7PJ216XT6f1/X9bB1/r+v63M7V9Vn01YhaaPf6rLJn91ZCIbQMZJaV0QdRxuyewIBIZ4e1+18SaV9uskmh2yvBNBcKFkglRirowBIyCOxI7gkVzfjOw1668TafLDaarqOgpayCW00fUhZTC43Da7v5sRZNuRgPweSDxVj4aaFqXh7w7fW2sWv2WebVLm5SM3Zuvkd8r+9b5n47thj3pR1vf8ArW3/AAQlpa39af0jq7q4S0s5rmQMUhjaRgvUgDJxXJ6T8StN1eLS7qPS9VtdM1V0itNRuoUSF5WXITG/eCSCoYrtJHDHIJ6PW/8AkX9R/wCvWX/0A15r4WtNW8V+AfA+m/2Nc6fp9hHY3s99dTQlZ1hVWRYkjdm+Zgpy4TAB6n5aI6t38vxvf8EEtF9/4WsdBr8LWHxS8KzWl5qCDUZblbqA38zQSBLclf3JbyxgjPCjnmt3WfE8OlajBpttYXmq6lOhlWzsRHvWIcGRmkdEVc4AywJJ4Bwcc74obXJ/HWgXtj4U1S7tNHmnaWaKezUTCSEoCgedT1PO4LVnUbLVtL8ex+KNP0a41SC901bK6tIJoUnt2R2dWHmOqMPmZWAfg4IyOiXTt/wP8wfX+uv+RFr3juWT4c6trHh3TdRa8tYbmOVCkKyadNGhJMqyOAQpwfl35GCAQa2fCWuahrOlWr6lomoWDNaxyG5untik7FRkqIpWI9eQv9KxtP8ACWo3fhXxYupBLS/8UNNIbfeHFqHhESIzAYLAKCxGRkkAkDJ1/B13qzaLaWGteH7vS57O1jjeWSaCSKV1UKdhjkZscZ+ZV4px637L8nf8f6YPpbu/0t/X5HRUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUEZUg9/Q4oAKK8/utMXw/8AEzwrBpt/q3kXq3guIbrVrq5jk2xAr8ssjDgnPAp3jrxvceFmvpo/Efhe0ezt/Pj0m/Ym6uwF3EBvNXYWwVUeW/IByc4CukrjSbdkd9RXLReKbo+MNGs5oYU0vW9Na4tXwfNWdNrNGxzjBRsjAz8rVBpHiq/1Xwrq2uSTaXYWa3k0dhc3RZYkt438vzpSW55V2ABUEbRkZ3U3pv8A1rb+vLUSs9v6urnWzwx3NvJBMu6OVCjrnGQRgiodN0610jS7XTdOi8m0tIVhgj3FtiKMKMkkngdSa8/sPHc+qN4k0lda0fWHs9IN7BqWhkoiZDqUYebJhwVDAhuhHA7814b1iKbR/BU3hLxLe6v4juTa/wBrWZ1iW+QQso+0NNG7uIdp6MApDEDviiOrsvL8W1+FmD0X3/kn+Oh64PEeiNrh0ZdY086qOtiLpPPHG7/V53dOenTmtKuM8V/8lI8Df9fF5/6Tmrera7qtz4vXw14cazt7mK0F7d3l9A8yRozFERY1dCzMVJyWAAXoc8Hl/XcP6/Q6iivMfEGt67rvwx8XWssunWeo6PDdWmpYtnljuF8jeGi/eKYyyup+bftORg4yeq8Ewa5F4fsG1fUdPurdrKHyY7WweB0+UfeZpnDcegX+lC1v8vxuD0t8/wALf5nSUUV58PFHi/UbzxSdKi0aC00C6eFDcRSyPebYkk2cOojPzEb/AJs7h8o2nKulv2uOzf5HYar4i0TQnhXW9YsNNa4yIReXSQmTGM7dxGeo6etaPWvP/HurRa98CL3V7ZGSG/0+G4RW6qHKMAfzrf8AFXiCfQrHT4dPhjm1HVLpLKzE2fLR2UsXfHO1VVmIHJxjIzkU00+V77Eppq62OhorjrfWfEdt4mk8Narc6W95d2L3enX9vZSLGNjKrpJCZSTgupBEgyCemOcX4YW3iMDWHk1XS2tF8QXwuIl0yQSSN5p3FH88hAT0BVsep60lq/lf8bDei+dvwuel0UVlatrF7p1wkdn4c1PVlZdxls5LZVQ56HzZkOfoCPegDVoqlpd9cahaGa70q70twxXyLt4Wcj+9mKR1x+OeOlSajcPaaXdXMYUvDC8ihuhIUkZpSfKrscVzOyLNFeaaV448UNp3hDWtbh0mOw8R3ENsbO2ikMsJliZkk80vg5K/c2cBsbjjJh1n4q+Vf67/AGfrnhiwTRJmgFhqk+LnUHjAMgUiRfKGcopKSZIJx2py929+n6W/zQlrt1/X/hn9x6jRXno+KUFp9v1DU4CNJTSrHUrQWyF53FwzKVIzhsFR0A4zXQ+HfEFzrWveIbcrAbHTrqKC1ljB3SboEkbcckHlxjGOKdndrt/nYV1/X3nQ0UEZUg9/Q4rz+60xfD/xM8Kwabf6t5F6t4LiG61a6uY5NsQK/LLIw4JzwKXUfQ9AorgfHXje48LNfTR+I/C9o9nb+fHpN+xN1dgLuIDeauwtgqo8t+QDk5wNWLxTdHxho1nNDCml63prXFq+D5qzptZo2OcYKNkYGflaha/16/5A9P69P8zqaK4/SPFV/qvhXVtckm0uws1vJo7C5uiyxJbxv5fnSktzyrsACoI2jIzurGsPHc+qN4k0lda0fWHs9IN7BqWhkoiZDqUYebJhwVDAhuhHA7zKVlfyv+Fykru3nb8bHpNZo8R6I2uHRl1jTzqo62Iuk88cbv8AV53dOenTmvI/DesRTaP4Km8JeJb3V/EdybX+1rM6xLfIIWUfaGmjd3EO09GAUhiB3xXd+K/+SkeBv+vi8/8ASc1o42fzt/XkZ3uvlc7OiuX1bXdVufF6+GvDjWdvcxWgvbu8voHmSNGYoiLGroWZipOSwAC9DnjmfEGt67rvwx8XWssunWeo6PDdWmpYtnljuF8jeGi/eKYyyup+bftORg4yc3K0XL1f3O35mkY3ko/L79fyPTqikuYIriKCWeNJps+VGzgNJgZOB1OB1xWB4Jg1yLw/YNq+o6fdW7WUPkx2tg8Dp8o+8zTOG49Av9Ky/A6L4g8Qa54tvFLz/bJtMsA44t7aFtpC+heQMzHvhR2rSUbSce1/8jNSvFS7nZpd28t1Lax3ET3EKq0sSuC8YbO0kdQDg4z1walrhvHiDQNY0XxhZgpPDdxaffbF/wCPi1ncJtb12uyup7c+prf8W3PiCz8M3E3g+wttQ1dWTybe6fYjAuA2TkdFyeo6d+hlaq/nb+vvRXW39f1obVFIhYou8ANjkA5ANLQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRWbqOu22navpemSJLLdanI6QpEFO1UUsztkjCjgZGTllGOaXX9btfDmhXWq34doLZNxSMAvISQFRQSAWYkADI5IoA0aKp32rWGlaab/WLuDTbZQu+W8mWNUJ4ALE4zk460/T9SsdXsY73Sr23vrSTOye2lWSN8HBwykg4II/CgCzRRRQAUUVS1HV7HSpLJL+fymvrlbW3Gxm3ykFgvAOOFPJwOKALtIwLKQGKkjAYdR+dLRQBzNr4Z1GbxNZ6x4h1a3vn02OVLKO1sjbhTIAGaQmR97bQAMbRyTjpjHvvh1qMy+JLTTvEUdnp3iKSSW6DaeJblGeMIVWUvt2cdChIBIDA4I76ik0n+Q02ndHLa/4Ol1fwnp+l2WqGwvtNMTW2oCDeUZU2E7Nw+8pYYz3pNa8C2+o+DdN0HT7r7EulS20to7xCZN0JBUSJkb1OORkc854rqqKpttt93f5kpJJLsrfI42HwRqM2sarqus68l3dalpZ00rDYiGKBdzEFF3s2PmOQzMSc8gYA3/Dej/8ACPeFtL0bz/tH9n2kVt52zZ5mxQu7bk4zjpk1p1S0zV7HWI7h9On85ba5ktZTsZdssZ2uvIGcHuOPSktNF/W/6v8AEb7v+v6S/A5zXfC3iPVvFGnataa9pdsmlySPaQS6RJKf3kewh2Fwu7gkjAWrWqeF9Qm8QW2v6JqttYaqtr9kumnsjPBcx53AFBIjKQ2SCH6Eg57dNRQBzmm+DbW18O6pp19cPeT60ZX1K62BDM8ibGKryFUKAFXnAAyScky+F9I1vRLCGw1bWLTU7a2gSGBo7BoJcKMAu3msrHA7KvPPtW9RR/X3bB/X3hXluh6PrOt6t47sbPWLfT9NudaeG5UWJkuSDbwhvLlMgRMqcDMbY5PPbv7HWvt2ualpn9majbf2f5f+l3Fvsgud4z+6fPz7cYbgYNadFle76r/J/oO728/8/wDM5HxV4Nvda8JL4a0TUrPStM+zLbss1i9xIFXG3awmQDAXHIbNT6r4W1DXdBtoNT1W3TV7G6W7s7+zsjGkMi/dJieR9wwSGG4ZBOMda6eq2o3U1lYvPbWFxqEi4xbWzRq7844MjqvHXlhQ97sSXRGNpPhm7i8RPr/iHUIdR1MW5tbc21obeGCIkMwVC7sWZgMsWPAAAHOYdJ8MapoWuX0umaxa/wBk39897LZXFgzyo7gbwkqyqACwzyjYyetafhrxBb+KPD8Gr2cE9vFOXURXAUOpRyhB2sw6qehNatGz/r1/MN/6+QVlat4V8Pa9cJPrmhaZqU0a7EkvLOOZlXOcAsDgZ7Vq1g+LPFS+EtMOo3Ok399ZxjdPNZmHEAyACweRSck/whulAGjpejaXodobXRNNtNOtyxcw2kCxIWPU4UAZ4HPtU19bfbNPuLXfs8+Jo92M7cgjOPxqcHIB9aKUlzKzCLtqjj28BbvDfhHSf7S/5Fq5tZ/N8j/j58mMpjG75M5znJx71KnhfWdK1XUbjwvrdlaWupT/AGqa1v8ATmuQkxGHZGSaMgNhSVO7kEgjOK6uiqbbbff9bf5IVlZLt/wf82cnqvgj+2PGela7eX6+XZ2rQXNmtv8AJdnkqxJY7QrMSBz9am8B+EH8F6DLp0upNqbyXDTG4aARHbtVFUgE5wqKM966aq+oX9tpWmXOoX8nlWtrE000m0tsRQSxwMk4APSlflT/AK63Hbmf9ehOwLKQGKkjAYdR+dc1a+GdRm8TWeseIdWt759NjlSyjtbI24UyABmkJkfe20ADG0ck46Y3DqNv/ZB1KMtJbeR9oUqMFk27uAcdvWo9E1aDXtAsNXs0kS3v7eO4iWUAOFdQwBAJGcHsTTs035f8H/ghujj774dajMviS007xFHZ6d4ikklug2niW5RnjCFVlL7dnHQoSASAwOCNXX/B0ur+E9P0uy1Q2F9ppia21AQbyjKmwnZuH3lLDGe9dTVLUdXsdKkskv5/Ka+uVtbcbGbfKQWC8A44U8nA4qbK3L6fhsO7vf1/Hcwta8C2+o+DdN0HT7r7EulS20to7xCZN0JBUSJkb1OORkc854qvD4I1GbWNV1XWdeS7utS0s6aVhsRDFAu5iCi72bHzHIZmJOeQMAdlRTfvXv1v+Ks/wEtLW8vwd/zMzw3o/wDwj3hbS9G8/wC0f2faRW3nbNnmbFC7tuTjOOmTWFrvhbxHq3ijTtWtNe0u2TS5JHtIJdIklP7yPYQ7C4XdwSRgLW7Y619u1zUtM/szUbb+z/L/ANLuLfZBc7xn90+fn24w3Awa06bbk+Z9RJWXKczqnhfUJvEFtr+iarbWGqra/ZLpp7IzwXMedwBQSIykNkgh+hIOez9N8G2tr4d1TTr64e8n1oyvqV1sCGZ5E2MVXkKoUAKvOABkk5J1tR1ex0qSyS/n8pr65W1txsZt8pBYLwDjhTycDirtTZNNdNv1f+Y9U7/P9DB8L6RreiWENhq2sWmp21tAkMDR2DQS4UYBdvNZWOB2VeefasXwru8LeMdX8MXUTJbahcy6ppU+DtkV8GaLPZkck47qwPY13FFVd81/6/q4rK1jifFok8T+KtJ8L2kbtBZ3EWqapPghYkjbdFHnoXd1Bx2VGPpUnxSbU5/A91pnh1tUj1m+2pZSaajhlcOp+eVRtiXHVmZeM4z0rsqKm2lv6/rRFJ2lzFXTIrqDSbSHUJhPdxwIs8o6O4UBm/E5NWqr6hf22laZc6hfyeVa2sTTTSbS2xFBLHAyTgA9KktriK7tYrm3bfDMgkjbBGVIyDg+1U3dtkpWSRJRRRSGFFFIzbULYJwM4A5NGwC0Vm+H9Z/t/RINS/s7UNM84sPsupQeTOmGK/MmTjOMjnoRUumavY6xHcPp0/nLbXMlrKdjLtljO115Azg9xx6UdbAXaKzNH1611q61SC1jmRtLvDZzGRQAzhEfK4JyMOOuDnPFadABRTXdIo2kkZURQWZmOAAOpJrO0jxLoWvtKug61p2pmEAyiyu0m2Z6Z2k4zg9fSgDTooooAKKKrajdTWVi89tYXGoSLjFtbNGrvzjgyOq8deWFAFmisrw14gt/FHh+DV7OCe3inLqIrgKHUo5Qg7WYdVPQmtWgAoqkur2La6+jLPm/jtlumh2NxEzFQ27GOqkYznirtABRRRQAUVmWOtfbtc1LTP7M1G2/s/y/9LuLfZBc7xn90+fn24w3AwamXV7FtdfRlnzfx2y3TQ7G4iZiobdjHVSMZzxQBdorMk161i8V2/h9o5vtdxZyXiuFHlhEdUIJznOXHbHXmtOjpcOtgooooAKKpLq9i2uvoyz5v47ZbpodjcRMxUNuxjqpGM54q7QAUUVFdXCWlnNcyBikMbSMF6kAZOKTaSuxpNuyJaKo6Jq0GvaBYavZpIlvf28dxEsoAcK6hgCASM4PYmr1U007MlO6ugoopGbahbBOBnAHJpbDForN8P6z/b+iQal/Z2oaZ5xYfZdSg8mdMMV+ZMnGcZHPQitKjYAooooAKKr6hf22laZc6hfyeVa2sTTTSbS2xFBLHAyTgA9KadRt/wCyDqUZaS28j7QpUYLJt3cA47etJtJN9h2bdi1RVHRNWg17QLDV7NJEt7+3juIllADhXUMAQCRnB7E1eqmmnZkp3V0FFFFIYUUUUAFFFFABRWZr2vWvh61tZ72OZ1ubyGzQRKCQ8rhFJyRxk898djWnR0uAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVHcpNJaypbSrDMyERyMm8I2OCVyM4PbIpPYEcj4d2+IPHuteIT81vp/wDxJ7Ek5GVIa4cemXwn/bKjxJt8QeO9F8Oj5rex/wCJxfjPBCHbAhHfMmX/AO2Vb3hnQofDPhmx0e3kMq2sQRpmGDK/V3PuzEsfrUWjeH/7L1jWdTnuPtN1qtwshby9nlRIgSOIcnOME54yWPAqtml2/P8A4fX8Bbpvv+X/AA2hzNyEvf2gLSDUlDx2OhNc6cjj5RK02yRx/tBQo9QCfWrfxPe50/wRcTaJdPpl7cX9mpu7YAPlp4k3H+98uBg5BAweK39b8M6T4i+zNqtszzWjl7e4hmeCaAkYOyWMq65HBAIz3qM+EtGfRjpc1vLPbNOlw5nupZJJJEZWVmlZi7EFV6seFA6DFJbJdn+tynu3/W1v+CZFxo114RTU9e0/VtSv4YdLlaTT765kuBNOmXWRS7YjzhgVQBTkYAwK5Pw8fFVxB4a1ew0/xNLd3MkMuqXd7qVu1ncQSDMhWD7QwjAyCuyNWAGO5B9cIDKQwyDwQe9c/p/gjRNJuo5tMW/tFikMkdtDqlytshJJIEAk8sLkn5duPaiOjv6fm/z/AC0E9Vb+v6RxPjjWUu7XxLe6DD4purvRopFN/YaiLe0s5o49+0xGZBKFOC2Y5M7iMnAUSeNdLg1qPwLql7NfrNe6paLN5Go3EMahoJDlURwqNkgblAbnGea6zUPh34X1W6vZr7TnkF+2+7txdzLBO+3bveFXEbNgD5iucgHOQDWlqPhrSdW0OLSL+08yyh8sxIJHRojHjYyupDKwwMMCD70o6JX7p/dv9/8Aw43rt2a+/b7jlvHMt14T8I2Fh4fbVJG1HVILN5Reme5RJG+fZJcScMQu0EsApbIxineFLfX7TxZdRjTNcsdAmstwXWtRivGjugwHyMJ5ZNrKeQTgFeMZ56R/C2kzeH5dEvIZ76wmzvS+u5blyc5yJJGZwQQCCD8pAIxTtL8N2OkPK1tLqM3nLsdb3U7m7XHss0jAfhT7/wBdLf8ABE9f687nCeF7i+8Pa1ptp44j1+DWb2eWEaj/AGi11p1/JyQqx7ysOR8yr5UeNhAJ5B9QrBs/BWh2OqQ6hFDdSz25Y24ur+e4jtyRgmOOR2SPjgbQMDgccVvU+gdbnH+MNRspdYstENvr2o30kL3IsdFvPsjCMEL5skvmxYAJ2hd/JY/KcAhvwv1K+1DwvdpqTXRey1O6s4xeyCSdI45CFWRwWDsBwWyc46nrWzrPhPR9evYLzUIZ1u7eNoo7i0vJrWUIxBKF4nUlSQDgkip9D8P6V4asGstCso7K1aVpjDFnaGbqQD0+g4pR0vf+tf8AIJa2t/Wn+ZcvLWO+s5baZpljlXaxgmeJwPZ0IZT7gg1518MfDNjF/bN0J9U8618QXqIjatdFCBJxvjMm1yQQSWBJ6nNel1iR+ENHg16XWLWK6trueUTTC3vp4opnwBueFXEbHAGSVOcc0LSV/L9UD1jbz/R/5nnlxe+IPEuoeKJbbT/E8l3Y38tlpkmmajBb29qYlG0vG1wnmlmO5vMRhggDjitfUv7b1Xxf4L03U9QvtKa60m5l1W1s7jZ5siiHKbkPy4Zj8yEMBnawzmupv/Bei6hqk2ovHe2t3cKonk0/Ubiz87bwpcQyKHIBxk5OOM4FX20SwfVLLUXhZ7yxheC3maVyVR9u4HJ+YnYvJyeOvJojolf+tGvxb1B6tv8Arf8ATocF4h0fVNDfw/pEPiXU3tdR8QsoY3EnnR2zQSEwGUuXfkEhicrkY5UGsf4d3urHXfDX27XNRv11Cz1NZkublnXbBOiRcE43AZ+f7xyck8Y9Xv8ASLHU7ixnvoPNksJ/tNs29l8uTay7uDzwzDByOao2Xg7QtPe0eysmheyjnjt2WeTMazMGkwd3dgDnqO2KSv18/wArL8Qev9ebf9f8Aw/CET2HxC8V6XHeX89nbxWTwx3l9Nc+WXVy20ysxGSB37Vy9/BqGoad8SNUn8QaxG2jXFx/ZsNvfSQpbMltHJnCEbxkj5Xyo5wBuOe707wFoel6wdUszqgvHKmSSXWbyXzdoIUOHlIcDJwGBAzV/wD4RnSDZ6va/ZP3OtO736+a/wC+LoI2Oc5XKqB8uOnrQ07O29mvnoOLV1fa6/J3OU1DXrfV7Hw9ZXEGu6jqd7py372OiXn2RgpVcyvJ5sWAGJULvwSx+U4BF74X6lfah4Xu01JrovZandWcYvZBJOkcchCrI4LB2A4LZOcdT1rTvfBGg362Pm208L6fb/Zbaa0vZ7eVIcAeWZI3VmX5RwSemafa+DdDsNDk0fTLWbTrGSYzmOwu5rYhycnDRsGUewIHtVtrmbXW/wCen4f1YhJ8qT6f5f5mR8Jv+Sb2X/Xxdf8ApRJXZ1ieHvCOkeFY2j0RbyKJgR5U2oXE8a5JYlUkdgpJJJIAJzW3UlHBaXBL4y8WeJG1XUdRt4dHvhY2lnZX0tqqARI5lfymUuWL8BsgBeByc2viupX4S62rMXIt0BZsZb515OOK1tQ8GaJqerPqc8FxDeSIsc01nez2pnVfuiTynUSAZwN2eOOlLr/g/R/E1qlrq8d21sqeX9nt7+e3iZeOGSJ1VsYGMg4pfZS/r1+f9bD+1f8Ar+v66jPF2rWWk+G91/JfKLmWO2ii09ttxPI7ACKM5G0tyN2VwMncuMjmPB15f2/xF1TRfs2tWFkdLhu47XWr4XkiSGR0LI4mlIUgD5S3UE4Geern8IaPd6D/AGPexXV3aCUTKbm+nllR1OVZZmcyKQRwQwx2pNJ8G6FomoT39hZt9suYvJuLme4knknTOQHeRmL46AkkgYHQAU+v3/l/n/VxfZt6fn/kcX4XuL7w9rWm2njiPX4NZvZ5YRqP9otdadfyckKse8rDkfMq+VHjYQCeQX+KTqmj+JtW1nxFDr1xoMccL2d5omosi6cgGJDLbK6+ZhiXLFZRt4IwCK6+z8FaHY6pDqEUN1LPbljbi6v57iO3JGCY45HZI+OBtAwOBxxRqngrQ9ZupJtQhupFmIM1ul/PHbzEY/1kKuI3zgA7lOQMHNGuj7f1/VrD6vz/AK/q9zat547q2ingfzIpUDo4/iUjINcv8TdLh1P4c655rXYaDTrmSMW11LDuYRNgMI2G8f7LZB9K6tVCKFUBVAwABwBSSxRzwvFMiyRyKVdHGQwPBBHcVNRcyaQ6b5WmzjtD0Oy0z4em6s57+VrjSAW+06lcXKf6rPyrI7Kv/AQK4vQYrvw54O+Gep2+ralPPqU9nZ3Ecl03kGCSBsIIR+7G3C4YLuOOWOTXpekeD9H0O0ltNNS8S1kh8j7PLqFxNEif3UR3KoMcfKBxUh8KaKdN0iwNl/ouiyRS2Efmv+5aNSqHOctgEj5s571pdc7l3a+5N3/MzStDl8n97St+KOB8cayl3a+Jb3QYfFN1d6NFIpv7DURb2lnNHHv2mIzIJQpwWzHJncRk4CiTxrpcGtR+BdUvZr9Zr3VLRZvI1G4hjUNBIcqiOFRskDcoDc4zzXWah8O/C+q3V7Nfac8gv233duLuZYJ327d7wq4jZsAfMVzkA5yAa0tR8NaTq2hxaRf2nmWUPlmJBI6NEY8bGV1IZWGBhgQfeojolfun92/3/wDDlvXbs19+33FnTNMg0mzFrayXUkYYtuuruW5fJ/25WZse2atkZUg9/Q4qppmmQaTZi1tZLqSMMW3XV3Lcvk/7crM2PbNWXQSRsjbgGBBKsVP4Ecj6imxI4rwhE9h8QvFelx3l/PZ28Vk8Md5fTXPll1cttMrMRkgd+1cvfwahqGnfEjVJ/EGsRto1xcf2bDb30kKWzJbRyZwhG8ZI+V8qOcAbjnu9O8BaHpesHVLM6oLxypkkl1m8l83aCFDh5SHAycBgQM1f/wCEZ0g2er2v2T9zrTu9+vmv++LoI2Oc5XKqB8uOnrSadnbezXz0HFq6vtdfk7nn3i7ToNfsvAOsX01+s9/qNmJ/I1G4hRd8Ehyqo4VGyQNygNzjPNbPjmW68J+EbCw8PtqkjajqkFm8ovTPcokjfPskuJOGIXaCWAUtkYxXT33hjR9S8Pw6LeWe+wtxGIUErq0RjxsZXBDqwwMMDn3pH8LaTN4fl0S8hnvrCbO9L67luXJznIkkZnBBAIIPykAjFU7Xdtr3+Wmn4ExvZX3tb566/icx4ah1+y8S3qjTNdsdAksC4XWdRiu3jug2PkYTyyBSh6E4BXjGec/wF4f1TWfA3hjXp/FWrtqhEVxLLNcyPFLDzmFoQwRsqceYwL55ycAV3Gl+G7HSGla1m1KXzk2MLzVLm6GPYSyMFPuMGrWk6VZ6HpNtpmlw+RZ2sYjhj3FtqjoMsST+JoWn4fm/8/u0H/X4L+vXU818cayl3a+Jb3QYfFN1d6NFIpv7DURb2lnNHHv2mIzIJQpwWzHJncRk4CjVvdRvfEXiXwzoNze3FjZ3ukvqd01nM0Ely6mMCISIQ6KDIWO0gnAGcZrb1D4d+F9Vur2a+055Bftvu7cXcywTvt273hVxGzYA+YrnIBzkA1d1Lwno2rWdjbXlo+NPx9klhuJIZrfC7fklRg65HBw3PfNTHRa+X5O/42fy1HLXbz/S34XXz0MLx34btv8AhVutWv2nVJVtdPuZYM6jPvJ8psK7B90q+0hatDwVoVppvhuwurG4v5HuLGEn7VqVxcoMoDlUkdlX/gIHHFbNnpFlY6YbCGJpLdgwcXErTtJnrvdyWfPT5ieOKpaH4T0nw7E0OlJdpbmMRC3mv554UQfwpHI7Kg7fKBxxT7+dv1/zFul5X/T/ACOJ8L3F94e1rTbTxxHr8Gs3s8sI1H+0WutOv5OSFWPeVhyPmVfKjxsIBPIPqFYNn4K0Ox1SHUIobqWe3LG3F1fz3EduSMExxyOyR8cDaBgcDjit6n0Drc818UeJdZ8NeNNZj0rN/c3unWkmm2FxIxi80SSLLgA8fIAxx1wKv+E5f+Eyl8T3c97ftpd1ewLaJFeSwGJFtomOxkYMmWY5wRnnPWunuvDek3viOx166tBJqVhG8VtOZGHlq4ww2g7Tn1INU7DwPoOk+H5NF0i2uNPsZJ2uGSzvZ4X3k5JEiOHA46A47YxSjotf61/yB73X9af5mV8ORJrPwvtotTu724aV7mJ52vJRMVE7qP3obeCAAM7s8dayfhj4ZsYv7ZuhPqnnWviC9REbVrooQJON8Zk2uSCCSwJPU5rsPD3hHSPCsbR6It5FEwI8qbULieNcksSqSOwUkkkkAE5oj8IaPBr0usWsV1bXc8ommFvfTxRTPgDc8KuI2OAMkqc45oWkr+X6r/IH8NvO/wCf+Z5tJpszWXxP1iLVtStZdPvria0itLpoEjlS0ibe2wjzM4UbX3LgdOTn1Tw/eyal4a0y+uMebdWkUz4/vMgJ/U1F/wAIzpBs9Xtfsn7nWnd79fNf98XQRsc5yuVUD5cdPWr9naQWFjBZ2ieXb28axRJknaqjAGTyeB3oWkbeUfwWv6BLV383+LVv1OH+KSLdv4V0y/wdIv8AXIYb9GPySgKzRxt6q0irx34Hepr/AMSXkPi680C70eztnTRrq8stQtrwySCJWVNpUxLsJO04VmHyjk9a6zVtI0/XtKn03WLSK8s7hdskMq5Vv8CDyCOQeRWXYeB9C0++lvYorye5ltmtGlvNRuLphCxBKKZZG2gkDpipafK13v8AirL8Sk0mn6fnf8UeeaW+paV4b+HOvy67q19qGsXlpBem5vXaKWOaBvl8nPljGFO7buJGSSSTWw+rX6+FPijMb+5Eljc3a2shmbNuBZxsoQ5+XDEkYxyc12Z8KaKdN0iwNl/ouiyRS2Efmv8AuWjUqhznLYBI+bOe9VNU8A+G9avLu41PT3nN6oF1D9qlWGchdoZ4gwRmAxhiu4YUgggYufvc1ut7eV7W/J/eTD3XFvpb8L/5r7jkLcahr3ifwhp1xrepwWdx4YN3eR2128TXThoMFnUhgctkspDHkZwSD0vw/vLqWDXbC4uZruDS9Xms7We4kMkjRBUbaznJYqXZckkkKMk9ao6j4GF74+0aRYbyDRdP0WW0WSz1GW2dH8yLYhaORZGG1W65HHPOK6VfDOlx6BHotrFNZWMfKrZXUtu+c5J8yNlckkkkk5Ykk5zTbW663/8ASv8AL8yUmkk+lv8A0n/P8jjPCGqXGifAi51SyiE1xZRX88UZBIZlmlIBx7iobyK58O6D4b8SWet6re6he3lpHdJPeySwXq3DKHAhJ8uPG4suxVxtx0zXZ6B4P0fwxDJDo8d4kEgIME+oXFxGMkk4SR2VSSSSQATmotL8CeHdHvYLmwspVa2LG2ilu5pYbUt1MUTuUi6kfIowCQOCRUx0d/T8N18xvVW9fx2+45H/AIRLTpvjZewyXOsKkmhxzgprV4jFjcSAgMJQdo4+QHaM8AZr02OMRRJGpYqihQWYscD1J5J9zWRrHhTSNdvre9v4rhLy3Ro47mzvJrWUIxBKl4nViuQDgnGa144xFEkaliqKFBZixwPUnkn3NC0il/W7Y3rJv+tkjkfHepy6HqHhrVTeS29jFqLRXqK5CSRvBJjcM4OHC4z0NYXhnxNrPijxjokWpq+nXFpZXz6jZW7usRYtCIcgnk7JAwz0JOMV3XiDw5pXinSjpuvWn2u0MiSmIyMnzKcqcqQevao4fCujW/iO+16CyEWqahAtvc3KSOGdFAAGAcAjA5AB4HPFEdHr5/lb8wlrt/Wv+Rz/AIQiew+IXivS47y/ns7eKyeGO8vprnyy6uW2mVmIyQO/asf/AIRLTpvjZewyXOsKkmhxzgprV4jFjcSAgMJQdo4+QHaM8AZrq9O8BaHpesHVLM6oLxypkkl1m8l83aCFDh5SHAycBgQM1b1jwppGu31ve38Vwl5bo0cdzZ3k1rKEYglS8TqxXIBwTjNHVP1/JoOjXe35o5PXtH/tL4yaJZfbr21t00G5837NcMkkyCaEbTKDvXnBLKwY464JzjWfiDVm8Px6INRu1jl8XT6Gb9pS1xHbKWYASHJ3kAIHOW5znOCPT10SwXWLfVPJZr63tWtI5mldiImKsQcnkkopycnjr1qk/gzQJNJ1DTJNOVrTUbp7y5jMjktMxDGQNnKNkAgqRgjIxQtLf19q/wCV18wet7f17tvzs/kcvOZ/DHjS50bTdQ1G4sb3Q7i9aO8vJblrWWIqqukkjM4DBjxuxlcjHNZ0ms6iPAPwun/tG6Fxf3+nLdSee2+4VoGLBznLAnBOc5r0DSPDOlaG9xJYwytNdYE1xd3MtzNIAMBTJKzNtHOFzgZPHJrMt/hv4Vtri0nj012exmWez827mkFowJIESs5Ea88ooCnAyDgYcdLX7r8G3+Tt8hS1Tt2f4pL81f5nMf8ACJadN8bL2GS51hUk0OOcFNavEYsbiQEBhKDtHHyA7RngDNemxxiKJI1LFUUKCzFjgepPJPuayNY8KaRrt9b3t/FcJeW6NHHc2d5NayhGIJUvE6sVyAcE4zWvHGIokjUsVRQoLMWOB6k8k+5pLSKX9btjesm/62SMPxta63e+Dr+38LzeVqbqvlnzfKZl3AuiyYOxmTcobHBIPHUc5ompWYs/EGjG217TdRgsfOl0/WrtrvCsjfvYpjJJuUn5SA+AU+6pznt9R0621Wye1vUdomwcxyNG6kchldSGUjsQQRVDTfCej6Ut59lgmkkvkEdzPdXctxNIgBAUySMz7Rk4GcDJI6mpkm4yXcqLs0+x5joMV34c8HfDPU7fVtSnn1Kezs7iOS6byDBJA2EEI/djbhcMF3HHLHJrctILjxZpvibWdR1rVNOurC+ura0FneywR2aQE7SYlISQnG4+YGyGA6YFdmfCminTdIsDZf6LoskUthH5r/uWjUqhznLYBI+bOe9VtQ8B+HdT1K4vbuylMl0UN1HHdzRw3W3p5sKuI5eOPnU5Awcjirn7zlbre3le1vyf3kR91R8rX87X/wA19x55beOvEdsv9oQx/a9T1rQdOu7LTp3byvPLOJtq5+X5cMcegrqfCcv/AAmUvie7nvb9tLur2BbRIryWAxIttEx2MjBkyzHOCM856101x4a0i78QWGuT2atqOnRPDazb2AiRxhgFB2nI9RxVSw8D6DpPh+TRdItrjT7GSdrhks72eF95OSRIjhwOOgOO2MUXTbbW9/zv+Qaq1vL8v8zE8C3l3N8H/tFxeXM9wkd4BPNM0knyyyBcuxLEgAck9q5fS31LSvDfw51+XXdWvtQ1i8tIL03N67RSxzQN8vk58sYwp3bdxIySSSa9F0XwVovh6zmtNLjvEtp0ZHgm1G4njAYkttWSRgpJJJIwTmpj4U0U6bpFgbL/AEXRZIpbCPzX/ctGpVDnOWwCR82c96I6O7/u/g3f7we1vX8dvuPLvEV5fa/eeMrS2ufFMmsQXQs9EbRXuorVCI0IVnjxCGEjNvMpyBwDwK9f0y1ay0m1tpHd3hhVGaSVpWJA5JdiWb6kk15fN4V1q0uvErTaJr15qGo3s1xaXuja4LG12soEW+NZ4yGUABmMbk4zlq9J8P22pWXhzT7bXbtL3UobdEurhBgSyAfMw6d/YfQUo/B8l+X9XHL4vv8A6/yMT4m6XDqfw51zzWuw0GnXMkYtrqWHcwibAYRsN4/2WyD6VBoeh2WmfD03VnPfytcaQC32nUri5T/VZ+VZHZV/4CBXYyxRzwvFMiyRyKVdHGQwPBBHcVi6R4P0fQ7SW001LxLWSHyPs8uoXE0SJ/dRHcqgxx8oHFRKLcZJdf8Ag/5lJ2cX2/4H+R5poMV34c8HfDPU7fVtSnn1Kezs7iOS6byDBJA2EEI/djbhcMF3HHLHJqzcXviDxLqHiiW20/xPJd2N/LZaZJpmowW9vamJRtLxtcJ5pZjubzEYYIA44r0Y+FNFOm6RYGy/0XRZIpbCPzX/AHLRqVQ5zlsAkfNnPeob/wAF6LqGqTai8d7a3dwqieTT9RuLPztvClxDIocgHGTk44zgVpN80m+9/wAbf5P7yI6JLyX6/wDA+40dFkv5dBsJNYh8jUGtozdRAg7Jdo3jKkjrnocVzfxP1W60nwejWU9zC9zfW1s4slZrl4nlAkWEKCfM2bsY5HJHIrr44xFEkaliqKFBZixwPUnkn3Ncl8R9D1HXtF0+HTrdrqK31KC5u7aGVYZ5okJOIZCRscNtIIZDgEbhnlSd5X81+Y4qyt5foZHhHTrgeMNc1Oxl8SDQhZRxWia1d3f+v+YyFIrht+3Gz5mHXO04zVfwF4f1TWfA3hjXp/FWrtqhEVxLLNcyPFLDzmFoQwRsqceYwL55ycAVoeGdG1pPGEl2ttrOlaD9hMU1lrWqm+kuJy2Q6fvpRGFXIJ3And93jNdlpOlWeh6TbaZpcPkWdrGI4Y9xbao6DLEk/iaa019Pwb/r00Yt7/10X9eup5r441lLu18S3ugw+Kbq70aKRTf2Goi3tLOaOPftMRmQShTgtmOTO4jJwFF26a/8R+PPDdlPq9/Z2V14fkvLu3sbhoBO4khwNykMnLdVIbHGcEg9HqHw78L6rdXs19pzyC/bfd24u5lgnfbt3vCriNmwB8xXOQDnIBrM1XwT/aPxB0ifyryHR7HRprUS2eoy2zo5kiKIWjkVyNqt6jjnnFKG6v8A17sv1t+pUtVp/Wqt9yucjrc1/e+EbnSv7RuSun+M7Wxsr6RvOmRPOiYEs+d7IzlQWznaM5rrNDM2i/Fq98PQX1/c2EuixX2y9vJLgpN5zoxVpCSoIx8oIXjgCuj/AOET0QaNZ6UtgiWVlPHcwRI7LtlR96uSDlju+Ykk7jknOTVoaLp48Qtrgt/+Ji1qLQz725iDFwu3O37xJzjPvTjpb+r+6l+auJ63/r7V/wAtC9RRRSAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACmSyxwQvLO6xxxqWd3OAoHJJPYU+sDx3pV3rvw/13S9O/wCPu7sJYoRnG5ipwM+/T8amTai2iopOSTK+k+N01z7Pc6boOsy6VcuFh1QwxrC4JwHEZk87YT/F5eMfN93ml0Xx7pWuXGvw2sN3HJoM0kVwsyKPM2FgWjwxyMow5wfUCuGu/HURsPCaeGvEj2OoNe2WnXnhxktxLGu8LMHieMzKQARkEDABHqaenq2naL4o8QxfdsvEWqW95yebaUqGP/AXEb5PQK3rVT0UrdL/AIctvz/qwo62vu2v109dD0rQfGmneIb21trKG6R7rSodWQyooAilJCqcMfm45HT3NU9R+Ium6fb3riw1C5ktNXj0cwwrHulndUK7SzqNvzgZJHfiuJ8FanY+G77wxqev3kGm2F54Ns7aG7u5BFE0qMWZN7YAba4IGckA+lUNZS4utCuNT09ljh1Xx3Z3GnXM0RZJE/dIsu3KlkLISMEbhyDgg1corn5fO3/k6X5Ep+7f+vhv+Z6lpPi2HU9Zm0a606+0fVI4ftC2t+sZMsWceYjRO6MAxAI3ZB6gZFVPDGta1c+LNe0TXZrC5OmpbPFPZ2rwbhKrEhlaSTptHQ1Lpnhme18RzeJvEmp299qKWptYngtvs0FvBne2FZ3O4kZLF8YAAAwc834W8W+HLz4t+JxaeINLnN7FYpaiK9jb7QypJuCYPzEZ5Azio7d/+HsD2f8AXY7fUPE2haTqENhqmt6dZXk4Bit7m7SOSTJwNqsQTkjHHesbxZ8RNE8Jalpljf3+nrcXl2kM0c18kT20TKx85lPO3Kgc4HPWuStNW0LSdO8Z6P4xktzrF9f3DGyuBmbUYpOLcRLjdKNu1AFBwQRwasa1FfaL8P8AwBdeJXZJNJv7J9Tnc7hCPKeNndugAZxljxSjrZv+7+O/3df0Keja/wAX4f59P1O4fxNbXOkpqPhuBvEsDSGPOk3Nu4GOp3PKi8dMAk89KpeEvGf/AAmFrHeWegarZ2EquY7u7a3CMVbaV2pMz5yD1XHHXpW1puradrVj9s0bULXULYkqJ7WZZUJHUblJGa4P4dJey/AdY9JbZftBei2YdpPNl2n88USfKm+wJXaXmdtbeI9EvdXm0qz1jT7jUYM+bZxXSNNHg4O5AcjBI6imah4p8P6Tv/tXXdNsvLl8l/tN5HHtk2hth3EYbaQcdcEGvKfC8Vrqul+ENKk8ZeGbK60e4hlj0pdPMN/HKgIkhYPclgzfOGOznJOK6vwto+n3nj74gy3VnFLLcXUNpK7L8zQm1jJTPXBJPH+FU1Ztev4W/wA/PuSnfX0/U6+78Q6Lp8yQ3+r2FtLIUCJNcojMXyEABPO7a2PXBx0qOTxNoa6Vc6iNb00WdtIYZrprtPKikBA2O2cKckDB55ryD4h6Hp1nd+KbOC2AgsvCllbW6szOY4/tLjGSSTwo5PPHWuw8K32leHPEHjaTULu00uwg1C1iWS4lWGNB9kiCrliAPQCp0f4/nYeqdv62TOo8Kapeah4SttQ1q+0a6nYO0lzo8xe0KhjgqzHPAAz7g1YtvE+gXmppp1prmmz30kYlS1iu42lZCu4MEByQVIOcdDmuE+G2t6Vf/CW5srHU7O5u4Ir15YIbhHkjVpZSpZQcgEEYJ65rItbO20z4b/CX+z7eK3L6pYOxjQDLSQOZD9WycmqXvS/8B/FtfhYT0V/8X4anqV/4n0DStRi0/VNb02yvZgDFbXF3HHJJk4GFYgnJ4GO9ZPxC1nW/Dnhe41rRJ7BVsk3zQXlo8pmyygBWWVNnU9Q34VwPjrxfLead430hrvRNJMaS266XcWElxfaj+4GJlCyL8pGMNscKE3E4GBsfETXdMs/gibTUtVtIL280yBoYbi4VZJ8bMlVJy3vipTvG/p+N/wDL/hinpJL1/C3+Z6epyoPqKivLy10+zlu7+5htbaFd0s08gREHqWPAFQaTq2na1p6Xej39rqFsTtE1rMsqEjqNykjIq7TZMdjjvC3xO8OeJp7i2j1bS4btb+a0t7ZdRjeS5VGwsiLwSGHIwD9TW/f+I9E0vUILHU9Y0+zvLnHkW9xdJHJLk4G1SQTk8cd64/wHrel6Vqmv6Bqeo2tnq0mv3csVlcTLHLMkrb0ZFYguCp6jPQ1y07GDVPG2keJfFHhvQm1a9kLJrdgTJc2rIEiaORriNXVVBUAKdrKc8mlfRW7X/LT8f+AVbV+tvz19NP8Agnr99q+m6Xn+09QtbPETTH7ROseI1xufkj5RuGT0GR61XTxPoMmmRajHrenNYzFhHdLdxmJyoJYB84OArE88BT6VxEuj2/8AwsP4fW1/LFqzWGkXTRXTIMSSIsCiUDJwTkkcnGevepvGXh7S7PXvCy21oqLf+KBeXKlmIkm+zyfNgnA+4vAwOOnJqrapd3b/AMmt/X9WS2v5X/C52ln4h0XUZxBp+r2F1K0AuRHBco7GI9JMA/dP97pWZ4b8Qvr+uawbXWPD+p6TCYhZ/wBl3XnTx5U7/PwSoyR8uOwOa81+HVva6frPhCSJI4Ee21qaZugJ+0oCxP0UD6Cuk8LeLfDl58W/E4tPEGlzm9isUtRFext9oZUk3BMH5iM8gZxSjqk+/wDn/wAAHomdpe+K/D2myiPUde0y0dpTCFnvI0JkABKYJ+8Ay8dfmHrVjVdb0rQrZbnXNTs9Ngd9iy3lwkKs2M4BYgZwDx7V5e2nWZ8O/GC9NrEbmSa6ieYoCzItnGyrn0BYnHqauXHjGbSYfCVrLe6Po32nQ1uG1vWoS8ZO2PMCYkj+Y8Mfn6KOD2S1S9E/vTf6f11b0f3/AINL9f66ehy3EuqaKtx4a1GxzOoe3u3jNzCy564R03AjoQw/HpWZ4D1298SeDbTU9UWBbqR5kk+zoyIdkrICAzMRkKD1Ncx8MdastL8D6pfa5qNrZWo1y8/f3CGyiG6UkYSU5jBJyFJyM1Y+Det6Vf8AgW3srHU7O5u4Jbh5YIbhHkjVriQqWUHIBBGCeuar07X/AAuS/wBbfmeg0UVwWreGNbutXup7fTfMikkLI/8Awm+p22R6+VHGUT/dUkCp6jO9qG5u7azVGu7iKBZJFjQyuFDOxwqjPUk8Ad6bYRPBp1tFMuyRIlVl89psEDkeY4DP/vEZPU1xvxatIL/wxplpeRJPbz67p8csTjKupuFBBHoRT+0kurS+92Do35P8jqtJ8QaNryytoerWOpLCQsps7lJvLJ6BtpOOh60228R6Je6vNpVnrGn3GowZ82ziukaaPBwdyA5GCR1FcPqsV2nxZ1u10LbBdSeDgLcIoGJRNIIz+GeK57wvFa6rpfhDSpPGXhmyutHuIZY9KXTzDfxyoCJIWD3JYM3zhjs5yTinHW39dWv0v87BLS/9dE/1t8rnstpe2t/bLc2NzDcwMSBLDIHUkEg8jjggj6iizvLXULSO6sLmG6t5RujmhkDo49Qw4NeHrr174bn1hrK6mh0zwjql1JqECbtk6XcpKZAznYrluOhr1T4fWH9mfDjw/aYwU0+Etxj5igLfqTSj70eb0/EHpLl9fwLnibxFb+FtDfU7u3uLlFliiWG2Cl3aR1RQNzKvVh1Ip2laveag0ovtA1HSFjUEPeyWzB/p5Ur9PfFc78XEaX4fsiSvCzahYgSIAWQm6j5GQRke4I9q6HTNNudIWeXUfEN/qkZXOb9LZFiAzkgxRR/jnPTtSWzf9bIb6FDw34hfX9c1g2useH9T0mExCz/su686ePKnf5+CVGSPlx2BzUGqazrel/EDQ9OafT5tK1eSZBELR1nh8uEvnzPNKtkj+4OPzrA8LeLfDl58W/E4tPEGlzm9isUtRFext9oZUk3BMH5iM8gZxR4z8WeHLT4meEo7vX9LgexuLv7Wst7Gpt91uQN4J+XJIxnGafYT6nfaprGmaHZ/a9a1G00623BPOu51iTceg3MQM8dKgu9a2aVBf6NYXGvQz4Mf9nTQHchGQ4aSRFK/Qnr0rg/GN5cWHxO0bWX1nStL0s6VJFZ6hqlq09sk7OGYBxLGqM8YGCTyFYDNdD8OtPt7HQr6Sx17Tdbt73UJrpZdLiCW8TPgtGoEkn8WT97+Kl9lv1/B2/4IPR/12v8A8AseEvGf/CYWsd5Z6BqtnYSq5ju7trcIxVtpXakzPnIPVccdelalt4j0S91ebSrPWNPuNRgz5tnFdI00eDg7kByMEjqK4n4dJey/AdY9JbZftBei2YdpPNl2n88VznheK11XS/CGlSeMvDNldaPcQyx6UunmG/jlQESQsHuSwZvnDHZzknFUtZW9Px/yE9Ff1/D/ADPVtQ8U+H9J3/2rrum2Xly+S/2m8jj2ybQ2w7iMNtIOOuCDUl34h0XT5khv9XsLaWQoESa5RGYvkIACed21seuDjpXIeFtH0+88ffEGW6s4pZbi6htJXZfmaE2sZKZ64JJ4/wAK4v4h6Hp1nd+KbOC2AgsvCllbW6szOY4/tLjGSSTwo5PPHWpT289fwb/r/ga1bfy/zS/U9fk8TaGulXOojW9NFnbSGGa6a7TyopAQNjtnCnJAweeag8Kapeah4SttQ1q+0a6nYO0lzo8xe0KhjgqzHPAAz7g1y/hW+0rw54g8bSahd2ml2EGoWsSyXEqwxoPskQVcsQB6AVU+G2t6Vf8AwlubKx1OzubuCK9eWCG4R5I1aWUqWUHIBBGCeuaUpcsW12v+FwirtJ9zu7bxPoF5qaadaa5ps99JGJUtYruNpWQruDBAckFSDnHQ5ov/ABPoGlajFp+qa3ptlezAGK2uLuOOSTJwMKxBOTwMd68ttbO20z4b/CX+z7eK3L6pYOxjQDLSQOZD9Wycmm+OvF8t5p3jfSGu9E0kxpLbrpdxYSXF9qP7gYmULIvykYw2xwoTcTgYFz9xvyb/AAt/n/XRQ963ml+N/wDI774hazrfhzwvca1ok9gq2Sb5oLy0eUzZZQArLKmzqeob8K6dpVjhMsrKiKu5mY4CjHJrzL4ia7pln8ETaalqtpBe3mmQNDDcXCrJPjZkqpOW98V0Pi2/h8RfCbxBL4Wv7fUDJp1xHFNZTrIpYRnKhlJGamp7ilboFP33G/Uv+EdevPE2nzatJapbabcSZ0wHPmzQDgSuD03n5lGPu4z145/w94o8a3994cj1fQ4raG/e/GosLSZPs4iYiE5Y/LvHPzZ3dsV1nhie1ufCWkTaeVNq9lCYdpyNuwY/StSrkuWbXYmL5op9zKu/FPh/T5lhv9d021leYwKk15GjNIMEoAT94bl46/MPWp9R1zSdIVjq2qWdiEj81jc3CR7U3Bdx3EcbmUZ9SB3rym31Pwvp198SoNSlsX1jUL+S3jsiytdXiG2jCRpGMu4LMwAAPJNaekaM6fEbwVB4giW41HTvC0hZ5QHKTq8CMwPPzcsM+5qY+9bzSf4N/hb8SpaX8r/ml+N/wPRYtY0yfR/7Wh1G0k03yzJ9sSdTDsHVt+duBg857VT0vxd4b1y7NroniDStRuQhcw2l7HK4UdTtViccjn3ryK+naD4d68FEKxweOn2m5bZaxKLtH/fEA7Ys8E4OCwrt/A81prPjLWvES6v4fuLy6toLd7LQ78XaxpGWxJJJhSzEsQPkAAUDJ7EfeV/62T/W34hLS6/re36XG+HvFHjW/vvDker6HFbQ37341FhaTJ9nETEQnLH5d45+bO7tivQKK5/XPGmmeHvEuh6JqKXIn1yR4raVI8xK6gHDtngnIAwD74HNHZB3Ymv6prll4l8P2ekWKXFjfSzJfztC7fZ1WIsh3KcLlhj5s5zgVX8Na/r938P7PV9d0GdtXlBM2nWkYhdfnIGFndcfKATlvp6V1NVNS1Sw0ewe81e+trC1TAae6mWJFJOBlmIAyeKTdkx7s5zR/iFbav4SvvEo0TVbTTLS3luBJcfZy0wj3b1RUlY5BQj5toPrTZviZosOjaBqPkXzx67cJbwxrCN9uxYIxmBYbArkKxycEgDNef6Fr2lz/sx6za2WpWdxd2+n3vnQRTq7xB5JNpZQcjOeM1s+M/CcegeH9Q1qO7aSN73T3trbygBa5u4mm2nPJkfDHgcgVdveSe11+Yntpvr+h2U/jWFtYvNN0TR9T12ewYJeNYiFY7dyAQheaSNWbBBIUtjvitz7fAul/wBoTlre3EPnOZ1KGNcZO4HlcDqD0rySy1eDwj4e8TaJqviJvDGtW+pXmoW80pgjOoRyFnjZDMjLIDwpC/MCuOO+zfanf+I/h54R0O9kZ9S8UwQfbn2BGEAjWS5bAAAyvydBzIMVCvKOm+n3v9F17DdlLXz+5f59DrPDGvXGpeDYde10QWEdwj3QDDyxDbklkLlicHy8FjwM56VatfFPh++0u41Oy13TbiwtiRPdxXkbxRYGTucHC8EdT3rP8d6VpmpeBrvT9Uv/AOybL92RdqilLco6sjMGBXYGUZ3YGM5I61leBvEt3rXiLVbWa50fXIbaCHZr2joUjmzn9y43ON6ks2FcgBxwpOKrRtpC2SbLPhb4neHPE09xbR6tpcN2t/NaW9suoxvJcqjYWRF4JDDkYB+prdv/ABPoGlajFp+qa3ptlezAGK2uLuOOSTJwMKxBOTwMd65HwHrel6Vqmv6Bqeo2tnq0mv3csVlcTLHLMkrb0ZFYguCp6jPQ1zPjrxfLead430hrvRNJMaS266XcWElxfaj+4GJlCyL8pGMNscKE3E4GBDklFPyv+C/z/wCAUo3k152/F/p/w53niz4iaJ4S1LTLG/v9PW4vLtIZo5r5IntomVj5zKeduVA5wOeta3/CUaC+hSaxDrmmNpqHab77XGYFbOMGTO3qQOveuO8V3AtvCPgfVr1ytpYajZXF5cNkiJDCyF2PYBnXJPTNdiPFfh06KdYGvaX/AGYH8s3v2yPyQ2cbd+duc9s1bjbmT6Nr8iE78r7q/wCZH4Q1C/1XwvaXurXekXt1LvLT6LK0lq4DkDYzEk8AA++antPEmh3+rTaXY61p9zqEG7zrSG6R5Y9pw25AcjB4ORxXH/B/XNIv/AMVlZanaXNzBJcvNb286vLGrTyEEqpJGQRjjnPFY/hbU4/D2saB4X0DWtH8V6Ws8qJBHEF1DSl2kiSQoSuFyyMWSNsuBySRRvL+v6/roHRv+v6/rU6Z/it4Wh8ZXGh3GuaPDDBaLM16+pxBfN8xkaHBOAwCgnnPPSr/AIx8TrpGhI2l634dsdSuwrWJ1u78uCYZXcRtIZvlPG3uRWNqmr6d4b+Mv27xBfW+m2d7oSwQXN3IIomkjnZmTe2F3YdTjOcZpvxh1/R7b4Z6lbXOrWMM97bq9rFJcorTrvU5QE5YY9M1Kfup/wBbsr7bXp+SO/3BYt8jKABlmzwKoaR4h0bX0lfQtXsNTWEgSNZXKTBCegO0nHSuQ8f6ha+IPhuLvRLmPV9KW9tjqP8AZ7i4EtqsqmdfkJz8udwHYGum0jX/AA5rqu/h/ULHUBBCFZ7B1l8pD0QlM7TxwvXjpxT7/wBdL/d/wSVsv6/p/wDAJ7TxJod/q02l2Otafc6hBu860hukeWPacNuQHIweDkcVp15J4W1OPw9rGgeF9A1rR/FelrPKiQRxBdQ0pdpIkkKErhcsjFkjbLgckkV63T6XH1sc9r+qa5ZeJfD9npFilxY30syX87Qu32dViLIdynC5YY+bOc4FP8EaprOs+DbDUPE1ithqc6sZ7ZYXi8vDkAbXJYcAHn1reopIGFQxXlrPdT20NzDJcW+3zokkBaLcMruHUZHIz1pblZ3tZVs5I4rgoRHJLGZEVscEqGUke2R9RXmnhaHxR/wtbxbG+r6QTGbBrphpUo81TGcBB9o+Q4BGTv55x2oW9g6XPUK5PxZ8RNE8Jalpljf3+nrcXl2kM0c18kT20TKx85lPO3Kgc4HPWusrifiZKllb+G9Uuj5dlp+u2893MR8sMZWRN7HsoLrkngUuq9V+Y+j9H+R0H/CUaC+hSaxDrmmNpqHab77XGYFbOMGTO3qQOveqnhzXZZfBUOseJdU0JyFd573TLgmyChyAVkc9AAMknrmrY8V+HTop1ga9pf8AZgfyze/bI/JDZxt3525z2zXKfBvW9Kv/AALb2Vjqdnc3cEtw8sENwjyRq1xIVLKDkAgjBPXNPuhdEaHhb4neHPE09xbR6tpcN2t/NaW9suoxvJcqjYWRF4JDDkYB+pqbVNZ1vS/iBoenNPp82lavJMgiFo6zw+XCXz5nmlWyR/cHH51keA9b0vStU1/QNT1G1s9Wk1+7lisriZY5ZklbejIrEFwVPUZ6Gq/jPxZ4ctPiZ4Sju9f0uB7G4u/tay3sam33W5A3gn5ckjGcZoT0i/Jfkrg95L1/Wx32qaxpmh2f2vWtRtNOttwTzrudYk3HoNzEDPHSp7W7t760iurKeK5t5lDxTQuHR1PQhhwR7ivNfGN5cWHxO0bWX1nStL0s6VJFZ6hqlq09sk7OGYBxLGqM8YGCTyFYDNdD8OdPt7HQ76Sx17Tdbt73UJrpZdLiCW8TPgtGoEkn8WT97+KiOq1/rW3/AAQej0/rS/8AwDrqhivLWe6ntobmGS4t9vnRJIC0W4ZXcOoyORnrS3KzvayrZyRxXBQiOSWMyIrY4JUMpI9sj6ivNPC0Pij/AIWt4tjfV9IJjNg10w0qUeapjOAg+0fIcAjJ38847ULewdLnqFc9r+qa5ZeJfD9npFilxY30syX87Qu32dViLIdynC5YY+bOc4FdDRSeoGD4I1TWdZ8G2GoeJrFbDU51Yz2ywvF5eHIA2uSw4APPrW9RRVPVgef+HvFHjW/vvDker6HFbQ37341FhaTJ9nETEQnLH5d45+bO7tivQKKKXQOtyG7vLXT7V7m/uYbW3TG6WaQIq5OBkngckCpq85+NMesj4fapPZ31hHYIkJkt5bJ3lZvOXkSCVQB042HoeeeO30iLVorVv7cvbK8mLZR7Oze3VVx0KtLISc55yPpQtQL9ZqeI9El1ttGj1jT31RPvWK3SGdeM8x53dOenSrV+tw+m3K2TBbkwuIWPZ8HafzxXB/DPWvDkfg/RtBe4totdiQfbNNmI+1rdjmV3jPz537m3kYwc5xQtXb+v6X+QPRX/AK/r/gmzqms63pfxA0PTmn0+bStXkmQRC0dZ4fLhL58zzSrZI/uDj863dV1vStCtludc1Oz02B32LLeXCQqzYzgFiBnAPHtXB+M/Fnhy0+JnhKO71/S4Hsbi7+1rLexqbfdbkDeCflySMZxmrvi/xj/ZXinSrWG+0XR7e5spbhNc1eIywsNy/uYyJIxuPysfn6AcHsr/ANfiHU7NNU0+XSv7UjvrZ9P8ozfa1mUxeWBkvvzjbjnOcVHpOuaTr1u9xoeqWWpQxtseSzuEmVWxnBKkgHBHFeWeHbKy1v4Qa/a65qf9nWr63cyC9W0MEcBFwJEcwy52R7gCVfgAkEjrXS+CfEt1rOvava3FzpGuW9rbw7de0WNlSbIP7hxuceYpLNhXIw44UnFP/K/4X/r+kH+dvxt/W/6nU2niTQ7/AFabS7HWtPudQg3edaQ3SPLHtOG3IDkYPByOKzNF8e6Vrlxr8NrDdxyaDNJFcLMijzNhYFo8McjKMOcH1ArivC2px+HtY0DwvoGtaP4r0tZ5USCOILqGlLtJEkhQlcLlkYskbZcDkkis/T1bTtF8UeIYvu2XiLVLe85PNtKVDH/gLiN8noFb1qZOybXZ/fdf5+nmUkrpea+7X/I9Ph8Y6GfC+na/qGoW+lWGowxywPqM6QffXcFJLY3Y7AnoauPr+jx6dBqEmrWK2VwpaG5a5QRygKWJVs4I2qzcdgT2ry7SvFsmh+G/Ath9r0fRI5vDsc39s6zCXj4SMGCPEkfzH5WPz9FHB7ZWhRrf6d4bS8CzRnxzdOF+zPboflmcEROSyDPO0k475rWSXO4rv/7co/r/AFuQn7ik+36N/oezWPiDRtTuVt9N1axu52hFwsVvcpIxiPAkABztP97pTbbxHol7q82lWesafcajBnzbOK6Rpo8HB3IDkYJHUV4r4WsJYYNATQEWC/uNN194mQYzMZlCt9eFH4CtHwvFa6rpfhDSpPGXhmyutHuIZY9KXTzDfxyoCJIWD3JYM3zhjs5yTioj71v66tfhb5+Q5aJ/P8P8/wCrntdQ3d5a6favc39zDa26Y3SzSBFXJwMk8DkgVNXnPxpj1kfD7VJ7O+sI7BEhMlvLZO8rN5y8iQSqAOnGw9DzzwAejUVQ0iLVorVv7cvbK8mLZR7Oze3VVx0KtLISc55yPpV+hgtTz/w94o8a3994cj1fQ4raG/e/GosLSZPs4iYiE5Y/LvHPzZ3dsV6BRWBq3jLT9G8X6J4cuobt7zWvN+zyRRbo08tdx3nORx6A++BzR2Qd2aOo65pOkKx1bVLOxCR+axubhI9qbgu47iONzKM+pA706PWdMmsLe+i1G0e0umVILhZ1McrMcKFbOGJPAx1rgvFN5oOnfG3QL3xNd6fZxQaNdNbz38yRqkvmxAFSxA3bS3vjNc7qdhHqPgu4kubbdo2seNLaa0hlQhZbZ5olLBT/AAuwdunIbPQ5JG8ref8A8ly/8H5BLS/l/wDI3/4B63pPiDRteWVtD1ax1JYSFlNncpN5ZPQNtJx0PWqZ8b+FBqX9nnxPowvfN8n7MdQi8zzM42bd2d2eMdc1yt8fsvxi1eO1hk2/8IireTaqA7lZ5AoX/awSB9a5fwDc2euW3gOyu9a8J276HGJYIbHUhLe3DmEr5ZiZEMRwxZxlyWXoOtOPvf15tfp+IS0v/XRP9Tr/ABL4o8aadeeJU0XQ4rqKwSyOnMbSZzcmV8TD5T8+wc/Ljb3zW94w16+8M6VDrENtHc6fayhtTXB8yO3Iw0keOpQ4YgjlQcc10NZ+vz21t4b1KbUCq2sdpK0xY4GwIc8/SolLlg321KiuaVu5diljnhSaF1eORQyOpyGBGQQaisb+z1OzS7027gvLaTOye3kEiNg4OGHB5BFc/wDDq3ng+Fnh6DUldpV0yESLIMtjYOD68cVW+Fuo+GtR8DRDwXp9xpumW1xLB9kuVIkikDZYHLN3Oep69ug0lG0pR7GcXeKl3OxoooqSgooooAKKKKACiiigAooooAKKKKACiiorq4S0s5rmQMUhjaRgvUgDJxSbSV2NJt2RLRXHaT8StN1eLS7qPS9VtdM1V0itNRuoUSF5WXITG/eCSCoYrtJHDHIJg1+FrD4peFZrS81BBqMtyt1Ab+ZoJAluSv7kt5YwRnhRzzVWtuTdWO4orE1nxPDpWowabbWF5qupToZVs7ER71iHBkZpHRFXOAMsCSeAcHGDr3juWT4c6trHh3TdRa8tYbmOVCkKyadNGhJMqyOAQpwfl35GCAQalySTZSV2kdzRXP8AhLXNQ1nSrV9S0TULBmtY5Dc3T2xSdioyVEUrEevIX+ldBVSXK7Exd1cKK5u48ZRJrl5pun6NqmqHTygvrizSIx2xZdwUh5FdyFIYiNXPIHXirWteJ4NIv7TTobK81PUrtHkisrIJv8tMbpGMjIiqCyj5mGSQBmkM2qK4fXvHcsnw41XWvDmn6g91bQXMci7IVk06eNCSZVkcA7SBnbvz2DA1p+HNa1jXNAiabSLzS7p7NHS8v1t5IpZCo+YJDMWIzzg7OO4o3v8AL8Q2t53/AAOlorgtE1jxlqHjjWdEudT0IQ6ObZpJI9ImDTrKpYgZuSEIAxn5uucdq1NT8e2en3WoJBpep6jb6UQNRvLOONorQ7QxBDOrOVUhiI1cgH14o0DU6miua1Xx1pumahpNlFbXuo3GswPPYJZRB/OChTjJIC5Dg7mIUAHJHei/xN0uKzikm03U47qTU20o2JjjMyXIQuEOHKfMAMMGI+YZIGSD+vxt+Yef9dzs6K4/w38S9J8UX9ra2NlqMLXcM0kL3MKorNCyrLHwxO5SwGcbTzhjg0nhK/S+8ZeJPMXxBaXii2abT9UuIZILcFW2mBYncLuAJbnk4oA7GiuLvvibp9pPrUcGjaxfLoTsupS28Eey3VUD78u67xgk4Tc3ynKjIzv3+uNb2ttPpulX+sfal8xFshGuEwDuLSuijqON2454BAODdXDrY1aKwtP1DT/G/hx3j+3W0ZlaGeETva3EEsb4ZC0TAqQRg7WwR3INZvwtubi7+HdjLeXM91L5twhluJmldgs8ijLMSTgADk9qAOvorkNBv73xN4y1PUUvJItF0iV9OtraNsC5nGPOlf1Ck7FHsx7isw+NdfT4n3elL4a1ieyi0tJktEeyDFzM6+duM4+UgAAFs8cqOtC1t5/5X/L+tw7+X+dvzPQqKw9W8UxaXdWVjHp19f6pextLHp9qI/NVFxvdmd1jUAsoyX5JwM1QuPiLotp4Pm8R3Md5HbW1ytpdQGDM9tKZFjZGQHkqWGdpORyu7Iyf1+n56AdXRXITfEayszqC6ppGrac9npz6miXMcQa5t0OGZAshwR8vyvsYbhkDnFGP4vaI928B03V08uS3DyPboFWK4IWGYnf9xiw4+/1JUAGjcNv6/ruvvO9orjdX1BT8S9AtbtPEFkczratBcQixvT5W5hKgcyHaB8uVGG9av6540tNE8QWmiDT9Q1DUr2B57eCziVt4VlVgWZlVcbs5YhcDrkgE7eYHR0Vg6X4sttX8OzarZWF+zwTyW0lgY1+0LMj7DGQG2Z3fxbtoHJYDJpdG8URaxql3pN1pt9pOo20STNa3vl7mickCRWid1IypH3sgjkdKAN2iuI8IRPYfELxXpcd5fz2dvFZPDHeX01z5ZdXLbTKzEZIHftU3iK+vfDHjHS9WN3LLo2qSppt5bSPlLeVifJmQHpljsYd9yntR1S7h38jsaKxfFviiy8GeGbjXNUiuZba3ZFdLWPe53uEGASB1Yd62UYOisM4YZGRg0ALRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBh+F/DK+FoLuysrt5NMknM1naOv8Ax5huWjVs8ruJIB6Zx0rcoooAxdA8Pf2He63cfavP/tbUDe7fL2+VmNE29Tu+5nPHXpW1RRR0sBgeLfDH/CTWun+Vdi0u9Nvo761keLzY/MQEAOmRuXDHoynOCCMVW03wne/8JgviXxDqlvfX0Fm1nbJZWbWsUaM25iwaSRmYkD+IAAdMnNdRRQtNv66fkD13/rqFYt14XtL/AMTWutahcXN09jlrK2kZRDbOV2s6hVBZiM8uWxk4xmtqijrcAooooAKKKKACqbaTZNraau0Ob6O3a2SUu3yxswYgLnAyVXJxk4HPFXKKACiiigAooooAKKKKACiiigAooooAKKKKACubNj43yceIdAA7Z0Gb/wCTK6SigCvYJex2Ma6pcQXF0AfMlt4GhRueMIzuRxj+I1YoooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAM3V4NbmEX9g6hp9kRnzfttg9zu6Y27Zo9vfrnPt3r6da+KYr5G1bWNIurUA74rbSZYHPHGHa5cDn/ZP4VtUUbAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBizeHvN8c2viP7Vj7Pp8tl9n8v72+RH3bs8Y2Yxjv1raooo6W/ruHW5S1nSoNc0K+0m7eRIL63e3kaJsOFdSpIJzzg+lckfAOqX2n6PpOua7Zz6RpM0E0cNnpjW80hh/1YaQzOAMgE7UUnGAQDXdUULR3/rTYHqrf1qFYnibw2vii1trG8unj05Z1lvLVFH+mKvKxM3ZN2CwHUDHAJrbooAr31rJdWMlvbXk9g7jC3FuqF4/oHVl9uVNVPDvh7T/AAvosWmaTGyQoWdnkYs8rscs7serEkkn+Q4rTooAKKKKACiiigAoqG4vbW1kgjurmGF7iTyoVkkCmV8E7VB6nAJwOwNLc3MFlay3N5PHb28KF5JZXCoigZJJPAA9aAJaKRHWSNXjYOjAFWU5BHqKWgAooooAKKparrWl6Farda3qVnp1uzhFmvJ1iQsQSFyxAzgHj2psuvaRDoy6vNqtlHpjKrLevcIISCcAh87cEkAc0AX6o63/AMi/qP8A16y/+gGrwORkcimTwx3NvJBMu6OVCjrnGQRgipnFyi0ioNKSZ5V4WtNW8V+AfA+m/wBjXOn6fYR2N7PfXU0JWdYVVkWJI3ZvmYKcuEwAep+WtvxQ2uT+OtAvbHwpql3aaPNO0s0U9momEkJQFA86nqedwWu003TrXSNLtdN06LybS0hWGCPcW2IowoySSeB1JqzWk3zSbXe/9fcZxVkk+1v6+84vUbLVtL8ex+KNP0a41SC901bK6tIJoUnt2R2dWHmOqMPmZWAfg4IyOkWn+EtRu/CvixdSCWl/4oaaQ2+8OLUPCIkRmAwWAUFiMjJIBIGT3NFQ0nFx9V97v+ZabTUvR/crHO+DrvVm0W0sNa8P3elz2drHG8sk0EkUrqoU7DHIzY4z8yrxT9IvPFE3i3W7fWdNtLfQ4fK/su6ikzJPlT5m8bjjBx2X/gXWt+q0Gp2F1fXNlbXtvNd2m37RBHKrSQ7hld6g5XI5GetU23K7JSSjZHA+NPDt7eapfXfhzw9qlnr86RpBrmm6lFbwsVIKG4QyAyBehUxSfLwD6SeJvCmoSeLdN197XUdXUab9gvIdJ1R7CYOG3iVcSxKyk5BUuMZUgHHHodFJaW/r+tynr/Xp/kcbZeFbabwDrmlafpd/o0usR3AlTU737TKZZI9nmM4ll64H8XbpWh4Ou9WbRbSw1rw/d6XPZ2scbyyTQSRSuqhTsMcjNjjPzKvFdFRR/wAD8NvzF/wfx/4Y5TQdFv7L4j+K9UuYNlnqCWYtpd6nzPLjYPwDkYJHUD2rl38GT6brWvR3uheINastUvJLyKXSNea2TbKPnikha5iGQQeQGBUjJGMV6nRSt+Vv6+4dzjl8NzW3jTwrcabYvBpWl6Vc2rB5gzQbvJEaHLEscIRkE9OtWvFukX2p6x4WnsYPNjsNWFzctvVfLj8mVd3J55ZRgZPNdHcXENpbS3N3NHBBCheSWRgqooGSxJ4AA71U0nXtI16B5tC1Wy1KKNtjyWdwkyq2M4JUnBxVXu15O/43/MWyt30/Cx5/4T8J67pGpeGbi909lTT7bVFuAs0ZKtLOrxgfNzuUH2HfFaXh59cj+ImtaleeE9UtLPVktY45ZZ7NvJ8pXDFwk7HHzDG0Mfau9opLRJdgep5+fDOrnw38RbX7J++1q4uXsF81P3we1SNTnOFyykfNjp6VVvtF8SQx+GoJbHVb3SbTSFhubHR9TWzmW7CoAzv5se5AAwwr4zzg8V6VVbUNSsdJsnvNVvbextY8b57mVY0XJwMsxAGSQKPL0X3Jpfn94939/wCLT/Q43wNp2s+EPCN+t9ol1c3cuq3Fwlna3yXEhjkfIPmzOm/jqWIY+man+GMGr6X4Xj0jW9BvNNlt3mk82aW3eOTfM7gL5crHIDDOQB7mu0ByMjkUUf8ADE7/AJnDfDll0u88R+Gbg7byx1Sa7VSADJBcMZUkHqMsyk9iuKn1a01fSviQniLT9GuNYs7jShYzR2k0KSwukpdWxK6KVIdhw2cgcV0s2jafPrVtq8lsp1C2ieGK4BIYI2CynHUZAODnB5FRDxHoja4dGXWNPOqjrYi6Tzxxu/1ed3Tnp05oX2e6/wArfkPv5/53/M5DxX4ZvLvxnYeJYtN1W+gbTzZXFnpuqtZXMJ3eYr5WaNHGcqw3+hG7HEWoeEXm8ATWfh/QtQsLm61a2vJ7bUr9Z5nKTxM8hkM0g+6mcb88dMmvRqhur21sUR725ht0kkWJGlkCBnY4VRnqSTgDqTQtLW/rW/5g9dX/AFpb8jI8caddax4B13TdOi867u7CaGGPcF3uyEAZJAHJ7muG1XwXr9y+smCw3C5OimL99GN32eQGbq3G0Dv17Zr1aihaO/p+F/8AMHqrev42/wAjgvFDa5P460C9sfCmqXdpo807SzRT2aiYSQlAUDzqep53Ba1JNKv5/ijput/ZWjsY9Fnt5GZ0zHK8sTBCATk4VuRkcdela48R6I2uHRl1jTzqo62Iuk88cbv9Xnd056dOa0qFpZ/1tYH1X9b3PLh4b8W2PhPXoNNhmhnvPE8140VtdJHPcWTyAsIpN2I3ZemSpHPIOKueEvD+qWHj/Udbl0bUbLT5tLS3hj1DVzfXDOsrMQxaVwmc8AOV7kgkgei0ULS3l/lb+vMHrfz1/G/9eRwXh59cj+ImtaleeE9UtLPVktY45ZZ7NvJ8pXDFwk7HHzDG0MfapviOw1M6F4Zt/wB5eajqcE5QDPlwQSLLJIfQDaq59WA7129Uo9IsItan1dLZP7QnhWCS4OS3lqSQgz0GSTgYyeTR1Xk7/qHR+f8Awxi/EfxFqHhP4f6prejpaSXlmivGl5u8tsuoIwpBJIJAGRk4rd0y4mvNJtLm7gNtPNAkksJ6xsVBK/gTiku9K07ULm1uL+wtbqezfzLaWaFXaBv7yEjKngcirdC2YPoFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUdzJJFayyQwtPIiFkiUgGQgcKCSAM9OTik3ZXBanJQhvEHxUmnyWsfDVv5CAZw13MoZz6EpFtHt5po8dbtYvNH8Jwscapcefe7c5FpAQ8g9gzGNOeoc1oeBtEudC8KwR6ng6pdO95qDA5zcSnc4yOMAnaMdlFRaJpF63jTXNf1aHymk2WOnoWVitsg3FuCcb5GY4POFXNVazS7f1+f4C3Ta6/18tNfUzNYubrX/ifD4UF7c2WmWumf2hdrZzNBLcs0mxE8xCHVRtJO0jOQCccG7rN6/gzSbLT9Iae9vNUvls7BdRuZJ1hdlLFnkYmRkUKzYLEn7oKjG2fXfCc194jtPEWh6kumaxbQNatJLb+fDcQMd3lyR7lJw3IKspBz1BxTNV8KX+uaJDHqesR/wBr2t2t5aX1vZhI7eVeFxEzMSpGQwZyTubBXgBLZLz189f8hvd27afd/mVE8Sa5pGvXOi+IG0+7mfTZb+xurO3eBW8rAeN42kcggspBDcgngY5x9K8ceKG07whrWtw6THYeI54bY2dtFIZYTLEzJJ5pfByV+5s4DY3HGT0Vv4Ru7jUrvVfEOpw32py2T2Nu9tZmCG2iblsIZHYsWAJJfoAABzmBvAW7w34R0n+0v+RaubWfzfI/4+fJjKYxu+TOc5yce9OPn5fdd3/Cwpdbef32Vvxv/wAMYGq3PieT41aWF0bR5nttKvHtEk1WVV2mWJTIT9mOx8YG0Bhgn5uOdj4l3Gp2ngGfUHttEuIbeJZLzTtQsmvIpm3LgK29MAHJyUOeDgVuzeHvN8c2viL7Vj7Pp8tl9n8v72+RH3bs8Y2Yxjv1qn448Nar4s0ObSLDVrPTrS6j2Tmawa4kPzAgqRKgXp3BpLSKXXX82V9pv+tkS+MvEM/hrwyt5ZRQtPNcQWsTTkiGFpZFQSPjnYu7JAIzjGRnNYWneJPFEXjDxBpGrXei3kOk6al2sllZSxMXcPhX3TOFxsJxySCDkVS+Jtvfr4J0u21+ewuQ+sW/2m9+xMljbxBid1xCzvuj4CkF1GWU5XFN8FalDJr9x4Y0b/hG9T0KWyee4vPDNl9lhtpWOzY+2WRWZ1yRghgF5GMGlq07b6/l/X5ArRtfy/P+vzNF/HGpL4R8C6oILXz/ABFd2cN2uxtqLNEztsG7III4yT+NL/wkHjDV/EXifTdAj0e3j0WVEgmu4pJWuGaBXEZVZE28t9/d0IG08moYPhtqf2bw5ZXniVZbDw3dQzWUEWniMyJECoErGRtzbSAGXYPvEqcjHT6N4e/sjXNd1H7T539r3Mdx5fl7fK2xLHjOTuzsznjrVuzbt52/8lt+pKurei/W/wChn614gvdP0LTLnUNU0LwrcXMYNwdZcSqkm0ExIBLGGIO75g/8PQ5yOX1HxJqnjH4KeIL6yvNLR7aG/tbuaKBp4btI1dd0JEo2BhggkvjPfrXVa54Uvr3xZZ+I9E1W3sr63s5LMreWRuoyjsGyoEiFWyOuSCOCKNE8Ex6Z4V1bQ9Q1GXUk1We5lnneJY3bz87hhflzyeQAPas5XlGXmn999PwLi1GUX2a+7r+I/wAFwa7F4esW1bUdPuYGsovIS2094GT5B95mmcNx6BaoeEZ7weOvE9jqcGjvdwJaPJfafp5tnud6vgSZkcttAwDnua1PDWj69oumR2Gpa1ZajDbW6wWzrpzQyDaMBpD5zB+AM4C1naN4W8R6d4uvtbu9f0u4GoiFbqCLSJI/liDBdjG5baTu5JDfStZO820ZRTULFf8A4STxPrcWsaj4XGlxWOl3EttHb30EjyXrwnEhEiuoiBIKr8r9MnrgQf8ACb6zruteH7PwpDYxW+taO2pG5v0dzbANGPuKy7/v425Xk53YGDdk8Eanby6rbaFr8Wn6Tq8zT3Fu9h5s0Lyf60wy7wF3dfmR8Ek9OKv2Pgy10zxJpWoafL5FrpmkvpkNpsz8peNg2/PYR4xjnOc1EenN/Ts7/e7f8AuXW39aq34X/wCCYK+PtWj+G+t6u9jBdaro9/NYTC3ik8kmOUIZtg3PsVSHKgk4UjPcdB4P1uTXLOa4/t3RNdgDKEutIQxhSRko6GSTBA2nO7PzY2jGTFo3hS80HTdYh03VkW51DVJ9RjmktdyRmRgfLZN2WAxgkMpPbFLoHhOfTfE2o+ItWvbW71TUIY7d2srL7LFsTOCVLuzPzjcWPAUADHIvPsvvtr+PoD8u7+6+n4HTVw3/AAknifW4tY1HwuNLisdLuJbaO3voJHkvXhOJCJFdRECQVX5X6ZPXA7muMk8Eanby6rbaFr8Wn6Tq8zT3Fu9h5s0Lyf60wy7wF3dfmR8Ek9OKl31t2/HT/gjVuvf8P6sc54+13UvEfgfw/e6XpljNo+rXumyYur545HLzIwieMQsNmdoLbj3+U4wfSdLl1Sa0La3Z2lpcbiBHaXbXCFex3NHGc9eMfjWRqngy1u/DmkaLp8v2G10q6tJ4Rs35WB1YJ1HULjP44NdJWmmtu7+6yI10v2X36hXnI+IU1r4s0rT5fEPhjV11C9NnLp+mMftNmxViCW81t4UrtYmNOoOB92u/v7NNQ065s5XkRLiJomaNtrKGBBIPY81w9h8OtUgt/Dlne+I4JLDw7PFLa29tpgh80IjIPNYyNlsN1XaOWypyMSvi120/4P8AX5FP4X8/+AQ6/wCPNe8Oa9d6Dcabb3mpakw/4RpoInWK5zwyzEk7TF95iCAykYAPFW/iNLq1h8PJby5GhaitrCr31pfaW80Ny25cbAZRsAOT82/t6U7U/hx/blxrF9q+rGXVLpk/sy7it9n9lLGd0flgsctv+Zjkb+mAKteKvC2v+JvCf9iNr2nwCeAR3s7aW7tKwIO5AJwE6dDu+tJfD5/1b/g/qP7Xl/X9L9C/4z1278NeC73VtOs/tU9uilU2MyxgsAZGVAWKoCWIHJCnkdQzwfrcmuWc1x/buia7AGUJdaQhjCkjJR0MkmCBtOd2fmxtGMm6lprp0QwzatZjUg2UuYbBlhwDwGiaViR2OHBPYis7QPCc+m+JtR8Rate2t3qmoQx27tZWX2WLYmcEqXdmfnG4seAoAGOaW7v/AF/X9XJ+yjpq4zxX/wAlI8Df9fF5/wCk5rs64/XfC3iPVvFGnavaa9pdsmlySPaQS6RJKf3kexg7C4XdwSRgLUj6F/xbrT6Nb27jX9C0GORiDc6z8ysQOEVPMjyTyc7+MdDnI4HXfFd14o+Gmn6jBHZXl7beJ7W1VrWYrbXTx3ShXRvmKo/B/ixnv37XWPCepXniew8RaVq9raalbWT2T/arA3ELKzKxZEEqFGyvXccjg5xWcPhvPH4Uk0tNdaW8OtDWEvbi0DZlEwl2vGjKCCRg7SvXjFOO6b7r8JL9Lg9tP60f62Jk8V6poPiK703xdJYTQppMmqx3NhA8WxImAlRlZ33EblIYEZ54Fc/pfxZae40K4udZ8MXUWs3McDaTY3Aa7sDL9ws/mMJMHCsPLTBPB456618ISXOpXepeKb6LU7y5sm08C2tjbwxW7HLKqF3bcxxlix6LgDHJoOg+I9Dis9PGv2N3pVmBFGk2lsLkwjhVMqzBCwGBu8sZx0px3V/61f6WX9ap7O39aL9blPxX/wAlI8Df9fF5/wCk5p3jrxddeG7/AEe1jubHSrW/eRZtX1OB5ba3KqCsbBXQBnJOCzqPkPU0uu+FvEereKNO1e017S7ZNLkke0gl0iSU/vI9jB2Fwu7gkjAWtvUrTXZo4G0jVbK1mVdswurBp4pPcKsqMpz/ALRGD0J5qdR9SfRbqW90a2uZ7mzu2lTcLmxJMMy/wumScAjBxlsZxubqb1YXg/wvB4Q8PrptvKspaaS4lZIhEnmSMWYJGOEQE4CjOB3PWt2qe4gooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqnrDvFod/JGzI620jKynBBCnBBqZS5YtjiuZpFysG58VLZeLrLQbvSdQiN+zra3pMJglKR72HEhkGBxyg5/OvP8ASjqWleCfA/iNtd1W/wBW1S4sIrkXV47RTxzKAyeTnywVU7g4XcSuSSSc9X4r/wCSkeBv+vi8/wDSc1o1yt+Tt+X+ZF7r5X/P/I7Oq+oX9tpWmXOoX8nlWtrE000m0tsRQSxwMk4APSuR1Rp9f+Jv/CO3d3eWmm2mlrfCOyupLZ7mRpGTmSMq+1APuhgCWBOcDHNX1vLq3w58daVf3upXqeH3u4LK5+2zJJKv2YOEkKMPO2lyvz7s4Gcms3L3XJdm/udvzNIpOai+6X3q/wCR6vbXEV3axXNu2+GZBJG2CMqRkHB9qkrmvBGh2WmeHdPurOe/la4sYS32nUri5T7gPyrI7Kv/AAECtyDU7C6vrmytr23mu7Tb9ogjlVpIdwyu9QcrkcjPWtJrlk0jOL5oplmivMvFJ1TR/E2raz4ih1640GOOF7O80TUWRdOQDEhltldfMwxLliso28EYBFS+KNavNU8dabo9naazf6S2lNqLR6NeJaSXDM4RS0jSxMEUc7VbkuMggVK1tb+tL/oy3p/Xp/mj0DUL+20rTLnUL+TyrW1iaaaTaW2IoJY4GScAHpUltcRXdrFc27b4ZkEkbYIypGQcH2rzC/0jWL34P+JoPFEWrwPZRXjacJtRxPJB5JMYmNvKRLjJUhy2cZOc5PXeCNDstM8O6fdWc9/K1xYwlvtOpXFyn3AflWR2Vf8AgIFC1v8AL8b/AOQnpb5/hb/M0X8QWS+KI9Aj82a+a3NzII0ysEecKXbtuOQB1OD2Gawtc+Jek6Bda5Bd2WoyNoi2rXBhiQhxcNtTZlhnB65x7ZqH4ZEXlt4h1ecKb291y6SZsfMFhfyo0JPYIgwPc+tdTc6HpN41y13pdlO12EFwZbdGMwQ5TfkfNtPIz07ULaL9H9+odWvl9zLwORmq2o3U1lYvPbWFxqEi4xbWzRq7844MjqvHXlhXEfEvUNR8MXGmeI9BuLi6v1c2o0Lz38vUkYEnagBAkTG/eB90MCelbPw9hb/hDrS/m1mXWp9SH2ya7aV2jLPyVjVj+7RfuhQBjHIzmhapvt/X5A9Gl3NLw14gt/FHh+DV7OCe3inLqIrgKHUo5Qg7WYdVPQmtWuH+GFzDZfCuC6upBFBDJeSSSHoqi4lJP5Cuaj1qeLXPCmq6Na+KYLXVtRWGS71XUFkt72GSN2yLfz2MZJUMuI48DjAHy0LVpen47Bsm/X8D0rR9etdautUgtY5kbS7w2cxkUAM4RHyuCcjDjrg5zxWnXkljohvrj4i30us6lYi21OZoBaXjW6wyLaxHzSUI3/w/K5K4Xpycj+JNb8Q6h4YsbzT9auYbjw8mqXcGj3UdnLNM5VfmkMsTBVyTtVuS4yCBQtUu9l+Kb/R/h8h6N+r/AAaX6o9S1G6msrF57awuNQkXGLa2aNXfnHBkdV468sKp+GvEFv4o8PwavZwXFvFMXURXAUSKUcoQdrMOqnoTWZ4CXXotFuoPEdvewmG8kWy+3zRSztbcFPMaN2BYZK5JJOMnPU1PhN/yTey/6+Lr/wBKJKBDtG+Jmk65daJb2tjqUba092luZoUAQ2xxJvwxxkjjGffFdjVG30PSbV7Z7XS7KFrUyG3aO3RTCZDmTbgfLuPXHXvUs+o2Vre21nc3lvDdXe4W8Ekqq820ZbYpOWwOTjpR0Q+rLNZPinxHa+EvDN7rmoRXE1tZIHkS2UNIQSBwCQO/rWtUF7ZWuo2clpqFtDd20o2yQzxh0cehU8GgatfUytJ8V2ms63rGlWtrdpcaR5PnmVFVXMse9Qh3c8dc45q34f1u28R6Da6rZJLHDcqT5c6hZI2BIZGAJwwIIIz1FWYLCztrq4uba1ghnuSpnljjCtLtGF3EctgcDPQVyvh7OgfEDWtAfatpqI/tewHAwWIW4QD2fa//AG1p7u39f1u/kTqld/1/T/MXXPiXpOgXWuQXdlqMjaItq1wYYkIcXDbU2ZYZweuce2a6qS9tYbqC2muIo7i53eTC7gPJtGW2r1OBycdKgudD0m8a5a70uyna7CC4MtujGYIcpvyPm2nkZ6dq5rxL/wAlT8E/S/8A/RIpLsN7nVajqVjpFi97q17b2NrHjfPcyrGi5OBlmIA5IFU9L8U+H9cMw0TXdN1EwLulFpeRy+WPVtpOBwetc98XDIvw/Y26I8o1CxKK7FVZvtUeASAcDPfB+hro9In12Zpf7e07TrIADyjZag9zu9c7oY9vbpn8KFqn/XRf5jelirY+OPCep3sVnpvijRry6mOI4LfUIpHc9cBQ2TW7XDeF/wDkr3jn/c0//wBFNXRX2s31pqQtrfw1ql9Cdubu3ktRGM9eHmV+O/y/TNHYXck1fxLoWgNEuva1p2mNMCYhe3aQlwOuNxGcZHT1qS217R7zR31az1Wxn02MMz3kVyjQqF+8S4O0Y788Vy/xk/5JJrf+7F/6OStHxv4YufFXhuG0sLuG2ura5hvIRcxGSCZ4m3COVQQShPXHI4POMUugzW0rX9H123kn0TVrHUYYm2ySWdykqocZwSpIBxVOy8ceFNSvo7LTvE+jXd1KdscEGoRPI59AobJrH0bxJfXHiC90HxRolvp+uR6eLhbmznE8F1AOCVYqrrh2YbGHHUE9azvhLc+Ij8P/AA3FJpemLpn2NALldSkM23BwfK8gLnOOPM49TVLV/wBef+Qun9f11Oqm8aeFrbUzptx4l0eK+WQRG1kv4llDngLsLZz7Yqzd67b2PiDTtInimEuopK0EwUeXujAJQnOQxBJAxyFb0rzDS21C+T4i6HYeG5tU/tDW7iEXEksC2sTPDEv7wM/mYX7x2o3HTJ4rqNe8NX9j8L9Pgs5mvtZ8ORQXNtM33ppIFG5cn++odP8AgVSmuVSfk/vWv3fiOz5nFef4bff+B0finxHa+EvDN7rmoRXE1tZIHkS2UNIQSBwCQO/rUWj+KrPWte1fSba3uop9J8kTtMgVW81N67SCScDrkD8atW8mmeKfDkEzQwX+m6hAkojmQSJIjAMMqcg1ZgsLO2uri5trWCGe5KmeWOMK0u0YXcRy2BwM9BVWabTJumk0cto3xM0nXLrRLe1sdSjbWnu0tzNCgCG2OJN+GOMkcYz74rcHiGz/AOEqbw/Ks0N6bYXUJkTCXCZw2xs8lTjcOCNwPSp7fQ9JtXtntdLsoWtTIbdo7dFMJkOZNuB8u49cde9ct8UB9l03RNXg2rfafrVp9nYnBIlkEUiZ9GR2z9KS3ivl97sN7N+v+Z29Fc748tftngu8h/4SY+FgTGTqokCeQBIpxuLLjd93qPvd+h6CLBhTD+YNow/9734o6AOooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKq6rDJc6PeQQruklgdEXOMkqQBVqmu6RRtJIyoigszMcAAdSTUyScWmOLaaaOM8B+A7PQvDugzalbXLaxZWEcbC6v5blbaTywr+UrOyR9xlAOOBxWlqfgPQ9X1ZNTvjqjXcbF4ni1m8iEJI2nYqSgJkcHaBmtC18TaDe6kunWet6dcXzRiVbaK7jeQoVDBgoOcFSDnpgg1j6prOt6X8QND05p9Pm0rV5JkEQtHWeHy4S+fM80q2SP7g4/OtJPmldkpJRNLVfCmka01m99FcefZKVt7mC8mgnRSMEebG6uQcDIJwSATyKt6fomm6Xo40uxs447IKymEjcH3feLE5LFskktkkkkk5pdV1rS9CtVutb1Kz063ZwizXk6xIWIJC5YgZwDx7VleI/G+i+HvCM2vvqVhLAbd5rMG8RFvWVCwSN+QxbGBjP0NQ2knfYpJtpItaD4V0vw0hj0cXkUOwRrBLqE80UajoEjkdlQf7oHHFO0/wvo2la/qWt6fYrDqOqbPtk4ZiZdgwvBOB+AGe+ai8N+L9D8U2sb6Rqun3dx5KSzW9rdpM8G4dGCnIweOQK26ppp6kpprQwdU8FaHrN1JNqEN1IsxBmt0v547eYjH+shVxG+cAHcpyBg5qxrHhjSddNq9/byLNZk/Z57W4ktpogRghZImVgpHVc4OBkcCn33iTQ9L1KDT9T1rT7O9uMeTbXF0kckuTgbVJBOSMDHep9U1jTNDs/tetajaadbbgnnXc6xJuPQbmIGeOlLoVrcbY6PaWGmtYR/aLi3fcGF7dS3TMG6gtKzMR7E4qroPhXS/DSGPRxeRQ7BGsEuoTzRRqOgSOR2VB/ugccVW8SeNtG8O+EZdel1GwkhNs81mGvERb1ghZUjbkMWxxjPXoam8N+L9D8U2sb6Rqun3dx5KSzW9rdpM8G4dGCnIweOQKOrF0RQ0vRdS0Dx1qMllGs2hayTdyjeA1ndABWIB+8sgAPHRgexrqq5208RXOqeNrvStMt4207S0C3945OTcMAywx9iVUhmPONyjrnGF4l8UeNNOvPEqaLocV1FYJZHTmNpM5uTK+Jh8p+fYOflxt75oWyX9f128g7v+v67nXS6Bps3iODXZrcyajbwNBBK8rlYkY5bahO1ScAFgMkcZxVODwbo1pp95Y2Ud5Z295ctdSra6hcQkSMdzFCjgoCeSqkA+laqX9o+oPYLdwNexxiV7ZZAZFQnAYr1AJBGfaq9xdPqFtdweH9SsVvreQRSNLH9pWB+CVdFdDnaem4dQaP6/H/AD/EP6/r5FLQ/Bmi+HLWW10uK6FtMjI9vc389zFhiS2EldlGSTkgc5OaqWXw38LWFxZTwafKz6e4ey8+9nmFqRkYiDuRGvPKrgHAyOBibwHrt74k8G2mp6osC3UjzJJ9nRkQ7JWQEBmYjIUHqavWnifQNQ1WXS7DW9NutQhLCS0hu43lTacNlAcjB4PHFHXQOhQufAPh681C7u7i1uGN7KJbqAX8629wwAXMkAfy3yFUEFSDjnNXdY8MaTrptXv7eRZrMn7PPa3EltNECMELJEysFI6rnBwMjgVi6Z49sRqOuW/iTUdM0xbPVmsLMzzrCZlEUT/xt8zZkPT24rpNU1jTNDs/tetajaadbbgnnXc6xJuPQbmIGeOlHRdtPyDq+5VHhqxGinS/P1T7OX37/wC1rrzs5z/rvM8zHtuxUXh7wjpHhWNo9EW8iiYEeVNqFxPGuSWJVJHYKSSSSACc1cmnm1PRluPDmoWQadVe3u3iNzCynnOEdNwI6EMPXmszwJrt74k8G2mp6mtut1I8ySfZ0ZIzslZAQCzEZCg9TRsxaWOirjtf8Gz+JfH2havepa29noEjT28sUjNcXDsoGxhtARARnq+7A+7zmh4e8UeNb++8OR6vocVtDfvfjUWFpMn2cRMRCcsfl3jn5s7u2K9Ao7SG+sfkFFFYXjXU9X0bwZqOoeGrJb/VLeMNb2zRPL5h3AEbUIY8Z6UDSu7G7WNregHVdU0fUbe7NpdaXcmVW2bhLGylZIiMjhgQc9ioODiqmharr974l8QWWqWMVtZWX2cWFwIJFE5eLdIcscOFbj5cY6Hmp/B2uXOveHlm1OOKHUreWS1voogQiTxsVbaDztPDDPZhR1/H+v1Jvp6m7WRrfhfS/ENxaT6klyJ7Iubea1vZrZ494AbDROp5Ax1rl/Evijxpp154lTRdDiuorBLI6cxtJnNyZXxMPlPz7Bz8uNvfNbuvaprtl4k8PWek2MdxZX0syX87Qu32cLEWQ7lOFywx82c5wKXS5XWxNceD9Iu/Dz6JeLe3VlJKspFxqVxJKHVgykStIZBgqCMNxU+l+HbLRzMbSfUpPOXa32vVLm5wP9nzZG2n3GDVbwRqms6z4NsNQ8TWK2GpzqxntlheLy8OQBtclhwAefWt6qas2hHN6Z4C0LSNZfVbH+0xeyFTLLLrF3L520ELvV5SHABOAwOK6SoYry1nup7aG5hkuLfb50SSAtFuGV3DqMjkZ61NSAxfEfhLSPFlstvrqXc1uBgww388CPyD8yxuobkDG7OO1Obwvpr6OmmSG+eGN/MjlfUrhp4255Wcv5g4JHDdCR0OKy/FnxE0TwlqWmWN/f6etxeXaQzRzXyRPbRMrHzmU87cqBzgc9a1v+Eo0F9Ck1iHXNMbTUO0332uMwK2cYMmdvUgde9Lo2h63SG6T4U0fRZrieyt5XubpQk11dXUtzM6jovmysz7R2XOAcnHNVdH8C6JoD239lHVII7UYhtzrN28Kj08ppShHsRil8Oa7LL4Kh1jxLqmhOQrvPe6ZcE2QUOQCsjnoABkk9c1n+Fvid4c8TT3FtHq2lw3a381pb2y6jG8lyqNhZEXgkMORgH6mq+1br/X+Yul+h0em6Lp+kS30mnW/kvqFy13cnezeZKQFLck44UcDA4q9XKaprOt6X8QND05p9Pm0rV5JkEQtHWeHy4S+fM80q2SP7g4/Ot/VNY0zQ7P7XrWo2mnW24J513OsSbj0G5iBnjpS6B1KXhjQD4a0uXTkuzcWwuZZbZSm0wRuxYRZychSSAeOMDHFbNRWt3b31pFdWU8VzbzKHimhcOjqehDDgj3FS0eQeYVy2r6LqHiDxpppvEWHQdIIvFHmAteXXIQFR0SMZbnqxXsK6OK8tZ7qe2huYZLi32+dEkgLRbhldw6jI5GetTUdbh0sct8QvDd94w8KzeHrRLJbe/wlzc3Ltut1DA744wpDtwcZZQDg5PSug06xi0zS7WwtyxhtYUhjLHJ2qoAz74FY+v6prll4l8P2ekWKXFjfSzJfztC7fZ1WIsh3KcLlhj5s5zgVkW3ibxT/wAKkj8R6hpUMGtRIZ7qwa3lTESSHeFQncH8sEjJPOO1Cskx2u1/X9bHcUVFbXMV5Zw3Vq4khmjWSNx0ZSMg/ka4Tw94o8a3994cj1fQ4raG/e/GosLSZPs4iYiE5Y/LvHPzZ3dsU7O9hdLnoFFcB4l8UeNNOvPEqaLocV1FYJZHTmNpM5uTK+Jh8p+fYOflxt75re8Ya9feGdKh1iG2judPtZQ2prg+ZHbkYaSPHUocMQRyoOOaXS4dbHQ0UyKWOeFJoXV45FDI6nIYEZBBqKxv7PU7NLvTbuC8tpM7J7eQSI2Dg4YcHkEUBvqWKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqOt/8AIv6j/wBesv8A6AavVBfW32zT7i137PPiaPdjO3IIzj8aiom4NIqDSkmzxrw3c6JqPw/+H+heEZ7K41W3ubK8uYrB1d7QKA1xJLt+5kFlO7BJfHJ4rovGfizw5afEzwlHd6/pcD2Nxd/a1lvY1NvutyBvBPy5JGM4zXb+G9H/AOEe8LaXo3n/AGj+z7SK287Zs8zYoXdtycZx0ya062m05O217/l/kZxXuq/a35/5nn2qarp2j/Fm11jxHfW1tpNxo/laZfXMirbpMZC0ihz8qs6bCORuCnGcVR0rT7jUPh749/sm2Yadq0l4+jxIhAlR4AC6LjO15N7D13ZHBBPp9FZON4uPk197uWm1JS80/uVjmPAvifRNd8N6dBpOq2l1cwWUPn20cymWA7QCHTO5SDxggc1Y0jxlp+teLdb8O2sN2l3onlfaHli2xv5ikjYc5PTuB7ZFb9FaSlzS5mRFcsbI8n8XX9v4U17xDqWj6/o897qSxG78M6tDulvWVQgWAgh/nT5QNkils9OcT+LLy+sPiPoes32o6boFkdJeKC51i0aaC3uWYNJHuEsao5QAAk8hWAr1GipWlvL/ACa/Ut6/16f5Hm+m6GrfCfxZb6NrWn6//aq3ssLaTEEgSSSPBiRRJJ/Hk9erdK6HwL4n0TXfDenQaTqtpdXMFlD59tHMplgO0Ah0zuUg8YIHNdPRQtPw/C/+Ynr+P42/yOI+F5Kabr9vcH/TYdfvftIZsnLSbkP0MZTHtXb1hJ4ZW28ayeIbC6e3+1wCK/tdu5LorxHJ1+V1GRnuCAegrdoXwpeSX3aB1b82/v1OA+Il5H4P1bS/Hbxu1vZJJY6iI1JYwS8ocD+7Kqf99mr/AIShtPBXgG3ufE19a2E925vdQuLqZYk+0ztvYFmOOCdo/wB0Vf17w1deItQto7/UY10SCWO4ewjtsPcSI25RJKXIMe4A7QgJIGWxkV0NC0T/AK0/4L1B6tf1r/wFoebfCrxJpknwzMemXdtqd9Zfa53sbWdHmI86RlG0EkbuMZHORXLReKZPEN94CkTVdClK6pC50zSbGQSaarRSL5Uk3mlVwDt2lELEHAwpFe5UULRp+n4B0a73/E8etr/wzpmo/Em31aSy/tfUL6SFLJirXd5GbaPYiRffcFmbAA5JNRzprHhvXfB1zr2r6bo6W3h1bRb7V7Vp4Irz5fNXeJYwjsijBJ5CsBmvZaKFol5WX3Jr9Qerfz/Fp/ocN4Ll0bwx4Wv9QuvFuiXmm3eoy3P2y1ZLe0haTGY1JlcD5sn73Vqr/BvW9Kv/AALb2Vjqdnc3cEtw8sENwjyRq1xIVLKDkAgjBPXNeg0UCCuf1zxppnh7xLoeiailyJ9ckeK2lSPMSuoBw7Z4JyAMA++BzXQVi3Xhe0v/ABNa61qFxc3T2OWsraRlENs5XazqFUFmIzy5bGTjGaOqH0ZtUUUUAFcbEo8O/FWVM7bPxPB5ijjAvIFw34vFtP8A2yNdlVLUdIsdVa0a/g81rK4W5t2DspjkUEBgQQehII6EEg5o63/r+uvqg6Nf1/X6F2iiigAqK5Wd7WVbOSOK4KERySxmRFbHBKhlJHtkfUVLRQB5f4Wh8Uf8LW8Wxvq+kExmwa6YaVKPNUxnAQfaPkOARk7+ecdq9Qooo6WA4n4mSpZW/hvVLo+XZafrtvPdzEfLDGVkTex7KC65J4FdAPFfh06KdYGvaX/Zgfyze/bI/JDZxt3525z2zWtRQtE153/L/IHq0/l+f+Z598G9b0q/8C29lY6nZ3N3BLcPLBDcI8katcSFSyg5AIIwT1zSeA9b0vStU1/QNT1G1s9Wk1+7lisriZY5ZklbejIrEFwVPUZ6GvQqKFo7+Vvy/wAg6W87/n/mea+M/Fnhy0+JnhKO71/S4Hsbi7+1rLexqbfdbkDeCflySMZxmovGN5cWHxO0bWX1nStL0s6VJFZ6hqlq09sk7OGYBxLGqM8YGCTyFYDNen0Ulun/AFtYP6/G5yPw50+3sdDvpLHXtN1u3vdQmull0uIJbxM+C0agSSfxZP3v4q6m5Wd7WVbOSOK4KERySxmRFbHBKhlJHtkfUVLRTe1gXc8v8LQ+KP8Aha3i2N9X0gmM2DXTDSpR5qmM4CD7R8hwCMnfzzjtXqFFFHSwBSMquhVwGVhggjqKWijcDjvh8TpNvqPhKZiX0K42W+48taSZeA/QDKZ9YzXY1SGkWK642sLBtv2txbNMHYbow24KVzg4JOCRkZPqau0XbWodX/X9f5BWfr89tbeG9Sm1AqtrHaStMWOBsCHPP0rQrE8TeG18UWttY3l08enLOst5aoo/0xV5WJm7JuwWA6gY4BNTKPNFx7lRdncpfDq3ng+Fnh6DUldpV0yESLIMtjYOD68cVW+Fuo+GtR8DRDwXp9xpumW1xLB9kuVIkikDZYHLN3Oep69ug6m+tZLqxkt7a8nsHcYW4t1QvH9A6svtypqp4d8Paf4X0WLTNJjZIULOzyMWeV2OWd2PViSST/IcVo5c0pS7maVopdv8jToooqSgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqK6uEtLOa5kDFIY2kYL1IAycVLVHW/8AkX9R/wCvWX/0A1E24wbRUFeSTOc0n4labq8Wl3Uel6ra6ZqrpFaajdQokLysuQmN+8EkFQxXaSOGOQTBr8LWHxS8KzWl5qCDUZblbqA38zQSBLclf3JbyxgjPCjnmuf8LWmreK/APgfTf7GudP0+wjsb2e+upoSs6wqrIsSRuzfMwU5cJgA9T8tbfihtcn8daBe2PhTVLu00eadpZop7NRMJISgKB51PU87gtazSjJrz/DT/AIJmm3H5fjr/AMA6LWfE8OlajBpttYXmq6lOhlWzsRHvWIcGRmkdEVc4AywJJ4BwcYOveO5ZPhzq2seHdN1Fry1huY5UKQrJp00aEkyrI4BCnB+XfkYIBBqXUbLVtL8ex+KNP0a41SC901bK6tIJoUnt2R2dWHmOqMPmZWAfg4IyOkWn+EtRu/CvixdSCWl/4oaaQ2+8OLUPCIkRmAwWAUFiMjJIBIGTnK/I+9n999Pw1NItc67XX3W1/HQ2fCWuahrOlWr6lomoWDNaxyG5untik7FRkqIpWI9eQv8ASugrnfB13qzaLaWGteH7vS57O1jjeWSaCSKV1UKdhjkZscZ+ZV4p+kXniibxbrdvrOm2lvocPlf2XdRSZknyp8zeNxxg47L/AMC61rKzk7GcbqOpFceMok1y803T9G1TVDp5QX1xZpEY7Ysu4KQ8iu5CkMRGrnkDrxVrWvE8GkX9pp0NleanqV2jyRWVkE3+WmN0jGRkRVBZR8zDJIAzXJeNPDt7eapfXfhzw9qlnr86RpBrmm6lFbwsVIKG4QyAyBehUxSfLwD6SeJvCmoSeLdN197XUdXUab9gvIdJ1R7CYOG3iVcSxKyk5BUuMZUgHHGa1Sv/AFp/n+fzLfl/W3/B+4t6947lk+HGq614c0/UHuraC5jkXZCsmnTxoSTKsjgHaQM7d+ewYGtjwlrmoazpVq+paJqFgzWschubp7YpOxUZKiKViPXkL/Ss2y8K203gHXNK0/S7/RpdYjuBKmp3v2mUyyR7PMZxLL1wP4u3StDwdd6s2i2lhrXh+70ueztY43lkmgkildVCnYY5GbHGfmVeKpbv5frcT2Xz/SxS0G/vfE3jLU9RS8ki0XSJX062to2wLmcY86V/UKTsUezHuKz/ABL4Q8WaneeJZdJ8Qy2ceoJZDT0F7LGLYxvmY4Vfk3Lx8uc96m+HLLpd54j8M3B23ljqk12qkAGSC4YypIPUZZlJ7FcV3NJbRfkv+D+P+QdZLz/XQzdW1WfTFiW00jUNWlkz+7sxECoGMszSuiDqON2T2BAJGUnj7S30C11XyLxUn1FNMe3aNRLb3DS+UUcbsDa3UgnjkZrO8Z2GvXXibT5YbTVdR0FLWQS2mj6kLKYXG4bXd/NiLJtyMB+DyQeKwLLwV4gtvh7NbSafjUIPEg1eOz+3ee00a3CybRNIRuYqDhnwSeuM5ojq9dv+Cl+V3/Vgei0/rRv87I7u68UwW/iW40GCxvLvUIdOGoCOHywJEMhQKrO6jdkd8DHeud8B+Mdc1t9Qj1PQNUdU1e6t1umazWO2jVyFjcLNuJUcEqrZ9T1qTRrDXr34sXHiTUtGbTNPk0VbKFZbiOSUOs5Yh1RmAJySNrMMYyQSVEvha21jw5rGr6Zc6FdXFne6tPewalbzwGJUmIfDq0iyAqxI4Ru1Ed1fs/8A0rT8Al1S7r/0nX8S3qPj21sp7/7JpGq6paaY2y/vbGKNordhyy4Z1dyowWEavjOOuRVrUvGNlZNpcWn2t1rNzq0bTWlvYeXmSJVDNJukdECjcvVsksMA845yzsPEnhm317RdN0CTUo9QvZ7qx1BLmFIY/PJJEwZg42MTyiPlcY54qS88HW2neFfDmk3Ph+98QNo0CxQXem3aWt1BIqBSyuZYiqsAc7X9Mg9Qltd+X5O/3af5je/3/wDA+86i68S2Wm+GX1vWI7jToIx+8huI/wB6jbtuzaudzFuBtJDZGCQQado2tXGqh/teh6lpDBQ6LfCI7wfQxSOAR6MQfbrXGN4U8U3vwxtLS+uGutZsNQi1C0iv7gM7RxTB44ZpUGGfYNpfkbucnrXWW2pa1qunXgXRLjRLkQEQNqEsMmZSDg4hdwVB6kkH2NN6Jv8Arb+l8vMXZf1v/T/4YrL40jTV7Ky1HRNV02LUJTDZ3l2kQimfaWC4WRnQsqkgOinjBweKzNfhaw+KXhWa0vNQQajLcrdQG/maCQJbkr+5LeWMEZ4Uc81y1j4V8TXd54Unv9H1lbzTr+K51W81LXvPjkbY4ZoYBKybctn7sZAwApycdJ4obXJ/HWgXtj4U1S7tNHmnaWaKezUTCSEoCgedT1PO4LRsvn/kJ/p/mdHrXiaDSL+106GyvNT1K7R5IrKyCb/LTG6QtIyIqgso5YZJAGayNVurrx/8OtTh8I3lxpOpuWtg0ztby2k6MNyOUyQRjGVyCDwSDms/xX4ZvLvxnYeJYtN1W+gbTzZXFnpuqtZXMJ3eYr5WaNHGcqw3+hG7HHReD9ItNJ0qf7HpGoaU11ctPPDqV59pmeQgAuX82XqFH8XbpQlda/1r/kVezTX9af5kegaJq+m+KNevdR1OS7sL02/2GB7h38gJFtk+UjC7m5+XOep5ro6K4/RPFWrah8UvEnhy7s7YadpkFvLb3UDEsDIuSkmTjceSAAMAd8g0bu39aE2srnYVz2v6Lq2o+JfD95p2pPaWNjLM1/As7p9oVoiqDaBhsNg/NjHUc10NFJq4zitHvLvwB4M0Cx8Y3Vzqd7cXa2U1+kpmVZJHbYXeQq23lVzg4JA6c1o634403Q9Qv7O4gup5NO0ttUujAilY4gSApJYfO21sD/ZOSKt+L9Fi8Q+ENS0yeUQCaAlJyceS6/Mj57bWAP4VwGgabrPiz4QeI9bu7Nf7d8V2TmOBZABsEPlwqC2AAcF+f+enNEpNqT7a/fsvvuyopXV+v9N/dobcfxe0R7t4Dpurp5cluHke3QKsVwQsMxO/7jFhx9/qSoANbev+Lv8AhHxczT6Dq11YWab7q+t0i8uFcZY7XkV3CqckorDqOSCBxeq+C9fuX1kwWG4XJ0Uxfvoxu+zyAzdW42gd+vbNR+KvDfivWD4ptLnTdW1GW98yPSp7fXDaWMMBiwqvEsqlnB3Z3RsGJALBeQ5aXt0v89rf1/wxMNbc3l/wTvLvxfp9lr2l6bcx3CR6rE0lpf7V+zSMBu8vduyHKgsMjBAODkEVkX+oXfxG+HOqf8IbNd6VLcFotP1GaQwCXa4/eo0ZZwhwQCQCR2wc1n+JPCWpeL9F0XwfqGn+Roq2kcmp3xeNmDxqAkMQySG3cl8Y2ggE5rpPBX9tQ+Ho9P8AEWnra3Onn7Kk0TR+VdxpwkqKpOwFQDtIGDxjFNpXa+707/1vuKMn7r/r+v8AhhugaJq+m+KNevdR1OS7sL02/wBhge4d/ICRbZPlIwu5uflznqeao+H7690fxvqHhbVLuW8hmiOpaXcTvuk8oviSFj1OxiNp/usB/DXY1xCsNb+NSy2vzweH9MkguJQOBPcMjCPPqEj3Edt6+tJayXz/AC/zt/TC1ov5fn/l/mbmqeK7HSfFWi6BcxXTXesiY27xxbo08pQzb2zxweMA++K2647xd4q1bQvGfhLS9MtLW6tdZupYbtX3eciqoO9ADgKvJYkHsOM5rsaFrG43vYKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAhuL21tZII7q5hhe4k8qFZJAplfBO1QepwCcDsDS3NzBZWstzeTx29vCheSWVwqIoGSSTwAPWuThDeIPipNPktY+GrfyEAzhruZQzn0JSLaPbzTR463axeaP4ThY41S48+925yLSAh5B7BmMac9Q5o3S8/6/LX0DZvy/r/gep2COskavGwdGAKspyCPUUtcBrd7c638RrjQJb2+stG0jS1v7uPTmkjnu3dmCqGi/ebVEZO2MgsSBz0qvP4+0Pw74OnuNC1C4uMaommoNelniFpO4UkSvcASbFUmQ7iT1UEDAAtVf+t7fmG2n9bX/I9HorzzQ/iI15rWp6OdY0HXZbfTW1C3vdHbEeFO1o5I/MkwQSDnfyD0GOa+leOPFDad4Q1rW4dJjsPEc8NsbO2ikMsJliZkk80vg5K/c2cBsbjjJa128vxbX5r+kJ6f12Sf5P8ApnpdFeXaz8VfKv8AXf7P1zwxYJoszQCw1SfFzqDxqDIFIkXyhnKKSkmSCcdq1rvxpq+oat4WtPDFvY+T4g06W8ae83N9mCrEwbapG/8A1hG3K5OPmUA0lqtP60bX5f5jejszu6ZPDHc28kEy7o5UKOucZBGCK5y31LxDaeHNTl8RtpNhdWk7JFqEhMdrJDwROyeYSuATlC4yV+8oIIx/DXjS81/XtV0G013w/q1xBZR3VtqemQl4ELMymOSITsSwKg8SDIYdO5a+n9bXDbU7XTdOtdI0u103TovJtLSFYYI9xbYijCjJJJ4HUmrNeafDG28Rgaw8mq6W1oviC+FxEumSCSRvNO4o/nkICegKtj1PWodZ+KvlX+u/2frnhiwTRZmgFhqk+LnUHjUGQKRIvlDOUUlJMkE47UOXV9Vf8v8AP1Hy6tLo7f19x6jRVLRdUi1vQbDVbYFYr22juEBOcB1DAfrWB8To9Rk+G+u/2bdWtuq6dcm4FxbNKZI/KbKqRIuxv9o7h7GlUvBO/QKaU2rdTqndIo2kkZURQWZmOAAOpJpltcwXtrFc2c0dxbzIHilicMjqRkMCOCCO4rktFg1yLwAzavqOn3Vu2kDyY7WweB0/dfxM0zhuPQL/AErmfBviLxBoXgzwA2ox6b/ZeqLa6cltGjmePdATHKZd2052DKbBjd944ybcbSce1l991+hCd4qXq/usz1iivLtZ+KvlX+u/2frnhiwTRZmgFhqk+LnUHjUGQKRIvlDOUUlJMkE47V6JouqRa3oNhqtsCsV7bR3CAnOA6hgP1qVqrry/HYp6O39abl2iua8d+ItQ8M6Fa3ej2lvd3U+oW1osNw5RW82QJ94fdPPXBx6HpUOk63rVt4x/4R3xI9hczT2Bvre4sLd4VAVwjxsru5OC6EMCM5PAxyLX+vK/5A9P687fmb02jafPrVtq8lsp1C2ieGK4BIYI2CynHUZAODnB5FXa85HxCmtfFmlafL4h8MauuoXps5dP0xj9ps2KsQS3mtvCldrExp1BwPu1b/4SDxhq/iLxPpugR6Pbx6LKiQTXcUkrXDNAriMqsibeW+/u6EDaeTS6f15f5jtrb+v60O7qG6vbWxRHvbmG3SSRYkaWQIGdjhVGepJOAOpNc3rXiC90/QtMudQ1TQvCtxcxg3B1lxKqSbQTEgEsYYg7vmD/AMPQ5yOK13xXdeKPhpp+owR2V5e23ie1tVa1mK2108d0oV0b5iqPwf4sZ796+1bzX5pfqL7N/L9G/wBD1+iuGl8Y6n4a1m/s/FzWVzDDpEmrRTadbvEQsTASRlWd9x+ZcNlc88CmN4n8UaVaaRrWurpTaXqVxDDLZ20Miz2XnsFiPmlyJcFlDfInUkdMFLXb+rtr80wen9eV/wAmjqh4j0RtcOjLrGnnVR1sRdJ5443f6vO7pz06c1pVxniv/kpHgb/r4vP/AEnNaXi3Wn0a3t3Gv6FoMcjEG51n5lYgcIqeZHknk538Y6HOQrh1OhormvAXih/Fvht72ZrWWWC7mtHnsm3QTmNyvmR8n5WGCBk4z1PWtrVtSh0bRb3U7vd5FlbvcSbRk7UUscfgKcmoq7BJt2RLcXtraNCt3cwwG4kEUIlkC+Y5BIVc9TgE4HPBqavK9cuPEWpT+BdU1ibTYbS81u3mjsLe2cywFoZSoacybXwODiNcn6c63jrxvceFmvpo/Efhe0ezt/Pj0m/Ym6uwF3EBvNXYWwVUeW/IByc4A9E+bvb8F/mC1at1V/xaO+orzLx9JrOpXHgq+02+sLa1utXtngiuLB5XjkaGU7mYTKGXBI2gKc/xdq7O4n1TS/DNxPqmqaQLqIFmvZIGtrWFcj5mVpWPyjJxvGemVzkGyd+jt+X+YbtW6q/5/wCRtVV0/TLDSLU22lWNtYwFy5itoVjUsepwoAyfWuR8HeNn1vxVqGhyavouuC3tI7uO/wBG+WMBmZTG6+bJhgVBzu5DDgd+4o8w8gooooAzdb0DT/EVotrq8c01uGy0KXMkSSjusiowEinurZU+laEcaQxJFCixxooVEUYCgdAB2FOooAKKKKACiiigAqlpekWGi2slvpdslvHJM88m3JMkjnLOxPJJPc+w7VdooAqR6Vp0OqTanFYWsd/Ogjlu1hUSyKOis+MkDA4J7VboooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqO5kkitZZIYWnkRCyRKQDIQOFBJAGenJxUlFJ6oEc94G0S50LwrBHqeDql073moMDnNxKdzjI4wCdox2UVFomkXreNNc1/VofKaTZY6ehZWK2yDcW4JxvkZjg84Vc101FV1v8A1/VtPQXS39f1fU5rWvCtzdeJLfxFoGqLpmqxQG1lM1v9oguYc7gskYZDlW5VlYEZIOQcVkwfDeX+xtSjvNZDareav/bEV9bWnlpbXAVQmImd8qNnILcgkZHUd3RSWm39a3/PUb13/rS35aGJbadr81peW2u6rptzHcQNHH9j02S3KEgjJ3Tybhz04+tZTeAt3hvwjpP9pf8AItXNrP5vkf8AHz5MZTGN3yZznOTj3rsKKFp+H4bBurev47nKJ4X1nStV1G48L63ZWlrqU/2qa1v9Oa5CTEYdkZJoyA2FJU7uQSCM4q/ceHXuvFuka7NeL5mnWk9u8Sw4Epl8vLA7vlA8vpz168c7lFC0t5f5W/IDA8Y+GP8AhKtHhtEuxaTW13DeQyPF5sZeNtwDx5G9T6ZHY54qtovhXUbPxfc+I9Z1pNQuriyWzMMNmIIolVyw2DezY+Y53MxyScgYUdRRQtHdf1pb8geqt/W9/wAzl9J8MapoWuX0umaxa/2Tf3z3stlcWDPKjuBvCSrKoALDPKNjJ60xPC+s6Vquo3HhfW7K0tdSn+1TWt/pzXISYjDsjJNGQGwpKndyCQRnFbFjrX27XNS0z+zNRtv7P8v/AEu4t9kFzvGf3T5+fbjDcDBrToWiXp+H9JA93f8Ar+rjYw4iQTMrSBRvZV2gnuQMnA9smq+p6fBq2k3enXeTBeQPBLt67WUqcfgaZqOr2OlSWSX8/lNfXK2tuNjNvlILBeAccKeTgcU/U7+LStJu9QuFdobSB53WMAsVVSxAzjnApSs4u+w43TVtzE0Tw/rdjoD6Pq2t2l/bLZ/ZYJI9PaGUALtDOxlZXOPRV5qo3gLd4b8I6T/aX/ItXNrP5vkf8fPkxlMY3fJnOc5OPetzQNal13TxeSaRfaZG6q8QvGhJlVhkMPKkfA+uD7VSsvFwufFv/CPXei6lp901tJdRS3JgaOaNHVCQY5WI5cYDAcVevN57/dd/5kq3Lptt9+hVTwvrOlarqNx4X1uytLXUp/tU1rf6c1yEmIw7IyTRkBsKSp3cgkEZxXUxhxEgmZWkCjeyrtBPcgZOB7ZNYeo+KfsXiaPQ7XRtR1K5a3W5d7UwKkUZcpljJKhPIPCg1b13V5tFsTdQ6RfaoqgmRbNoQ0agZLHzZEBHHYk+1RdKN+n+WhVryt1/z1Oa+K6zt4b0tbSSOKc67p4jeWMuqt9oXBKggkZ7ZGfUVoW3hC4uL7UNR8R6ot7qF5ZHT1ksrc2sdvAeSEUu53FjksWPQYAwc7WiatBr2gWGr2aSJb39vHcRLKAHCuoYAgEjOD2Jq9TcbJxfd/kl+gr3s15fnc4Cw+HWqQW/hyzvfEcElh4dniltbe20wQ+aERkHmsZGy2G6rtHLZU5GOl0bw9/ZGua7qP2nzv7XuY7jy/L2+VtiWPGcndnZnPHWp9Z1610ObTI7uOZzqV6tlD5Sg7XZWYFskYGEPTJ6cVp07vV/10/4AWtp/XX/AIJy+ueFL698WWfiPRNVt7K+t7OSzK3lkbqMo7BsqBIhVsjrkgjgiswfDeePwpJpaa60t4daGsJe3FoGzKJhLteNGUEEjB2levGK67UdXsdKkskv5/Ka+uVtbcbGbfKQWC8A44U8nA4q7SWmq/rW/wCeoPz/AK0t+WhysXgttQvL698W3sOqXV3Ytp223tjbwxW7HLqqF3bcxxlix+6uAMc1bXwNqUsOl2HiDX4tS0nSZUltoEsPJmlaM/uvOk8xg+3APyomSATxkHtKKFpt/XX82D1OP13wt4j1bxRp2r2mvaXbJpckj2kEukSSn95HsYOwuF3cEkYC1NrHhPUrzxPYeItK1e1tNStrJ7J/tVgbiFlZlYsiCVCjZXruORwc4rqqKP6/QDB8IeGX8LaZdWsuoyalJdX0149xLEsbFpG3EELx19AB7CtXUrCDVdKutPvFLW93C8Eqg9VZSp/Q1ZooaTVn6DTad0cND4B1WU6Aur+JRdxaBcRy2scVl5QkVEKZl/eNufBxuG1Rz8uTkR33w61GZfElpp3iKOz07xFJJLdBtPEtyjPGEKrKX27OOhQkAkBgcEd7RQ9b36/rb/JCWlrdP+D/AJs5nWfCL6n4b0mwttQ+yXukTQXFrdmDzFEkQ2/MmRlWBYEBgeetR694U1LxL4agstV1a1GoW17FeQ3FvYMsBaNgyq8LSsWX1G8diMYrqqRm2oWwTgZwByaG92+9/n/SBLRJenyOY0XwrqNn4vufEes60moXVxZLZmGGzEEUSq5YbBvZsfMc7mY5JOQMKOorN8P6z/b+iQal/Z2oaZ5xYfZdSg8mdMMV+ZMnGcZHPQitKntoHW/9dgoqkur2La6+jLPm/jtlumh2NxEzFQ27GOqkYzniqviPxFH4dtbSR7G7v5by6S1gt7Ty97OwJHMjooHynkml/X6B/X6mvRUFpcvcWMdxcWs1k7LuaC4ZC8fsxRmX8mIpmnapp+sWa3ekX1tf2zEqJ7WZZUJBwRuUkcUAWqKzLTxJod/q02l2Otafc6hBu860hukeWPacNuQHIweDkcVR1/xcPDt/aQ3mi6lLa3VzDarfwmAxLJK4RQQZRJ1IyQh/Gje3mHfyOhorI8R+Io/DtraSPY3d/LeXSWsFvaeXvZ2BI5kdFA+U8k1aGqRQ6N/aWrL/AGTEkfmTC+ljXyB/tsrFB9QxHvR0uHWxdoqlpes6XrlobrRNStNRtwxQzWk6yoGHUZUkZ5HHvWXZeLhc+Lf+Eeu9F1LT7praS6iluTA0c0aOqEgxysRy4wGA4o62Dpc6GiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKCMqQe/ocUU10EkbI24BgQSrFT+BHI+ooA4rwhE9h8QvFelx3l/PZ28Vk8Md5fTXPll1cttMrMRkgd+1cvfwahqGnfEjVJ/EGsRto1xcf2bDb30kKWzJbRyZwhG8ZI+V8qOcAbjnu9O8BaHpesHVLM6oLxypkkl1m8l83aCFDh5SHAycBgQM1f/4RnSDZ6va/ZP3OtO736+a/74ugjY5zlcqoHy46etJp2dt7NfPQcWrq+11+TuefeLtOg1+y8A6xfTX6z3+o2Yn8jUbiFF3wSHKqjhUbJA3KA3OM812PiDTINJ+G+u2trJdSRjT7lt11dy3L5MbfxyszY9s1fvvDGj6l4fh0W8s99hbiMQoJXVojHjYyuCHVhgYYHPvVbU9A8nwNq2k6T9quJLiznSIXV7JO7O6EAeZKxOMnucClV1hNRW97fctApXUoOXS35vUu+G/+RV0n/ryh/wDQBXO3f/Jc9K/7F+6/9HwVs+Ep75vD9rbalo95pc1pBHCVupIH8whQCVMUj8ZHfB9qxbe31fUfixb6vPoV5p+n2mlXFn59zLbkSu00TLtWOVmwQhPzAVtJp1r+v5MzhpSt6fmiyn/JZZv+wDH/AOlDVva3/wAi/qP/AF6y/wDoBrnr+LVbD4mLq1tod5qNlNpaWjS2ssC+U4mZjuEkiHGDn5Qa1/E9zeQ6LPDp+j3mqy3MbxBLV4VMeVIDMZZEGPpk+1c8k3Rt6/mzaOlW/p+SKPw2/wCSW+F/+wTbf+ilrT8S6lNo/hXVdTtoxLNZ2U1xGh6MyIWA/MVW8E6ddaR4B0HTdRi8m7tNOghnj3BtjrGAwyCQeR1BradEljaORVdGBVlYZBB6gitq/vSlZ73M6XuqN12PJtT0uKFfh7ql1ql/fanf6vbSyvcX8rRyFoJGZkg3eUgyRjYowOO/MvjjWUu7XxLe6DD4purvRopFN/YaiLe0s5o49+0xGZBKFOC2Y5M7iMnAUdjZfD3wzp8trJbae5ezkWS1Mt3NL9n25wse9zsTn7i4XgccDCah8O/C+q3V7Nfac8gv233duLuZYJ327d7wq4jZsAfMVzkA5yAamWqdtNW15bf5MqOjTlrol66s5PxrpcGtR+BdUvZr9Zr3VLRZvI1G4hjUNBIcqiOFRskDcoDc4zzXU68+l+EvCRt5bjWGiuJ0ghSG9lnu55JGAESSyuWBbkZ3LtGSCuMjV1Hw1pOraHFpF/aeZZQ+WYkEjo0RjxsZXUhlYYGGBB96gn8IaPd6D/Y97FdXdoJRMpub6eWVHByrLMzmRSCOCGGO1N21ts3f5af5Eq+l90rfPX/M5XwZe31t8R9T0V7XWrGxOmQ3iWus34vJFkMjoWSQTSkKQB8pbqCcDPPotYmj+D9D0HUptR020db64iEU11NcyzSzKDkb3kZixHQEkkAAdABW3R0X9dR9X/XQ4LVvE+t2ur3UFvqXlxRyFUT/AIQjU7nA9PNjkCP/ALygA12thK8+nW0szb5HiVmbyGhySOT5bksn+6TkdDViiktFYHvc434n3F/b+HNPXSdRuNNuLjWLK3+025G5VeZVPByCMHoQQe4NYv2268HeONe0+wudQ1C1g8NDVEgv72S5JnSSRflaRiV3ADIBA46V3+qaRY6zBDDqUHnRwXEdzGN7LtkjYMjcEdCAcdD3pv8AYmn/APCQPrZt86g9qLNpi7cwhi+3bnb94k5xn3pWdmvX/wBJsvx1HdX+787v8NDzLw8fFVxB4a1ew0/xNLd3MkMuqXd7qVu1ncQSDMhWD7QwjAyCuyNWAGO5BfpHjrUtDki0q7LX8NpqV9BqV3cOzywIZmFrg55yWUc9hxXc6f4I0TSbqObTFv7RYpDJHbQ6pcrbISSSBAJPLC5J+Xbj2pl18P8Awxew63FdaUsqa+yPqQM0n78p90/e+XGP4cU5a3ttr+n4biXn5fr/AJh8Pfth+HOgyapcTXN3LYxyyyzuXdmdd3JPJ64/CtrUbCHU7F7S5e4SOTGWtrmS3cYOeHjZWH4GpLS1hsbOG0tUEcEEaxxoD91VGAPyFQ6lpsGrWTWt091HGxBLWt3Lbvx/txsrD6Z5qptOTaFG6Svucf4FvLub4P8A2i4vLme4SO8AnmmaST5ZZAuXYliQAOSe1cvpb6lpXhv4c6/LrurX2oaxeWkF6bm9dopY5oG+Xyc+WMYU7tu4kZJJJNei6L4K0Xw9ZzWmlx3iW06MjwTajcTxgMSW2rJIwUkkkkYJzUx8KaKdN0iwNl/ouiyRS2Efmv8AuWjUqhznLYBI+bOe9KOju/7v4N3+8Htb1/Hb7jiP+ES06b42XsMlzrCpJocc4Ka1eIxY3EgIDCUHaOPkB2jPAGa6DxtGIn8JxqWKprtuoLMWOAknUnkn3Na2seFNI12+t72/iuEvLdGjjubO8mtZQjEEqXidWK5AOCcZrO8aaffyWehSaRp9xqR03VIbiSCOZBI0ao4JDSuoJ5HVsmpWiiuzX/pV/wAEVLVyfdP/ANJsb2p6VZazaC11S3W5t96u0Lk7HIOQGXowzzg5HA4rzDwfcXln8C/FNxpZdbyG41Z4Gj+8riSQgj3HavSpbZdf0VY9Qt7/AE/zgGeFLswTxkHODJBJx0/hcg1S8PeCtE8LeaNEivIkl3F4ptRuJ4yWO5m2SOyhieS2MnJ55pON+Zd01+X+QJ2afZp/n/meZ6lHcz+EPBd5o1pHpmm2Oo2C6XEUAuLxndVdz/zzjaNpGx95s5bbgqe2+J//ACBNG/7GDTv/AEoStPTPAnh3R76G6sLGRGt2draKS6mkhti5+YxRMxSI8kZRRgEgcEisvx5b6vrEulaZpmhXk8cOq2V5LfCW3WFEjmVn4aUSEgDshrXmvNf4k/xX+RFrRf8Aht+f+ZZ8d/8AHx4W/wCw9B/6BJXQ6n/Z6WLXGsC2FrakXDSXIXZEU+YPk8ArjOe1YXjmy1C5h0W40vTptRew1WK6lggkjRzGquCR5jqufmHGRVzV9C07xv4ZFh4m0u4S1uCry2UtxsdSpyAzQuQcEA4DEdKzV+V27/pEt25lft+rOb+H/n674q8QeNYrWSy0rV0ghsY5V2vdJEGH2ll6gNuwueSoB6EVcu/+S56V/wBi/df+j4K3tJ8NWOi3DTWU2pyMybCt5qt1dKBnsssjAHjqBmsC3t9X1H4sW+rz6Feafp9ppVxZ+fcy25ErtNEy7VjlZsEIT8wFUrc8bdL/AJP+vyJ15ZX62/NfoaGuWvmeNvDly3ik6YIvtAGkeYqjUyUHYsC2zr0bGe3WulrjfEXg658T+O9B1O+S0t7DQJmuoJY5Ge4uJCAAhBULGgIycMxbA+7XZUl8P3je4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFRXdpb39nLa31vFc20ylJYZkDpIp6gqeCPY0ActZa1r/AIg8T6vBpE+m2Om6PdpZyfabOS4luX2LJIQVlQRgB1UZDcgn2rb1DxNoWk6hDYaprenWV5OAYre5u0jkkycDarEE5Ixx3rhfh94P8Mp4i8Vzp4d0lZrHXitpILGMNbgQQsAh2/KASTxjkk1TtNW0LSdO8Z6P4xktzrF9f3DGyuBmbUYpOLcRLjdKNu1AFBwQRwaTdoq3a/rovzuO15P1t+f+R6bfavpul5/tPULWzxE0x+0TrHiNcbn5I+Ubhk9BketO07U7DWLFL3SL62vrVyQk9rMsqNg4OGUkHB4rzOw0ec+LvhrbeJ4VuNRsdEuXk87DlJ1WAbs/3hk8+vNek6do1hpMl6+nW/ktfXLXVxhmIeVgAWwTxkKOBgd+pNW1b8fwdv6/q0p3Sf8AWxdrnbTxFc6p42u9K0y3jbTtLQLf3jk5NwwDLDH2JVSGY843KOucdFXEfC8lNN1+3uD/AKbDr979pDNk5aTch+hjKY9qlayt5X/JfqN6L5/5v9DSvPEbN4507RtL1jw+VHmf2jYz3X+nD5N0flRqfxbcPu8itfUdc0nSFY6tqlnYhI/NY3Nwke1NwXcdxHG5lGfUgd64Pxn4s8OWnxM8JR3ev6XA9jcXf2tZb2NTb7rcgbwT8uSRjOM1c1C2stS+OWgXMkUN0IdCubi2kIDBWMsIDqfXax596I6tL1/JsHpd+n52NvxB460LQvB83iD+1NPntzBJJZ/6aipeOqkiON+QxJGOM/SrHhvxfofim1jfSNV0+7uPJSWa3tbtJng3DowU5GDxyBXDaBaz6h8NfiJp1nGXkfVNXgt4kXu2cKAPUt+tdb4F8T6JrvhvToNJ1W0urmCyh8+2jmUywHaAQ6Z3KQeMEDmiOt/RP702EtNPNr7mkdPXNXniNm8c6do2l6x4fKjzP7RsZ7r/AE4fJuj8qNT+Lbh93kV0tea+M/Fnhy0+JnhKO71/S4Hsbi7+1rLexqbfdbkDeCflySMZxmjqHRnpVFNjlSaJJYXWSN1DI6nIYHoQe4rI8Uafd6lpAgsIPPl8wNs/ta407jnnzYFZ/wDgOMH8KHoC1NmiuT8KaHqmmajLLqFl9njaLaG/4Si+1LJyOPLnRVX/AHgc9u9dZTA5XUvH1pYXWoJBpWqaja6WQNQvrOONobU43MDucO5VcMwjVyAcdeK3X1nTItHTVp7+2h06REkW6llCRlXxtO44HORj6ivIFuLXTP8AhJ9A8X6lHbJHqFzdW2jRkrPrXnuzxn1lQkhPLTOWUhyQdtdHqVjpXhv9n2ztPiBptxqdlp+n2q3trbjMm5SnTDLwrY5yOAalP3OZ+X47/d/w42vf5V5/ht9//DHpPWgkKpLHAHJJ7VX0+6t77TLW7sv+PaeFJYvlx8jKCOO3BFTO6RRtJIyoigszMcAAdSTTlpoTF3SZzvhvxC+v65rBtdY8P6npMJiFn/Zd1508eVO/z8EqMkfLjsDmukrzXwt4t8OXnxb8Ti08QaXOb2KxS1EV7G32hlSTcEwfmIzyBnFelUdB9WNlljgheWZ1jjjUs7ucBQOSSewqpo+sWOvaXFqWkz/aLOYt5cwRlDgMVJGQMjIOD0I5GQc1yXxJ0LV9VTT7m3i/tfRbKTzdR8PqTG9+vOCHzh9pwwibCvjBPSuq0HV9P1zQ7bUNHbNpIpVFMZQoVJUoVOCpUggjsRQtUweli9LLHBC8szrHHGpZ3c4Cgckk9hXO6D4503xF4hvdIsLa+SS0t4rnzriDykmjkJCsoJ39VP3lGeoyCCejZlRSzkKqjJJOABXlXh/xb4cufjzrslt4g0uaO80yzgtnjvY2E8geTKIQfmbkcDnkULWSX9bMHpFv+t0dZqXj60sLrUEg0rVNRtdLIGoX1nHG0NqcbmB3OHcquGYRq5AOOvFbr6zpkWjpq09/bQ6dIiSLdSyhIyr42nccDnIx9RXkC3Frpn/CT6B4v1KO2SPULm6ttGjJWfWvPdnjPrKhJCeWmcspDkg7a6PUrHSvDf7PtnafEDTbjU7LT9PtVvbW3GZNylOmGXhWxzkcA0k/c5n5fjv93/Dja9/lXn+G33/8Mek9aCQqkscAckntVfT7q3vtMtbuy/49p4Uli+XHyMoI47cEVM7pFG0kjKiKCzMxwAB1JNOWmhMXdJnO+G/EL6/rmsG11jw/qekwmIWf9l3XnTx5U7/PwSoyR8uOwOa3pby1huoLWa5hjuLjd5MTyAPLtGW2jqcDk46V534W8W+HLz4t+JxaeINLnN7FYpaiK9jb7QypJuCYPzEZ5AziofFkPidfip4REWraQDLJfC1LaVKfJXygSH/0geYcYGRs55x2o7D6s9Ku7y10+1e5v7mG1t0xulmkCKuTgZJ4HJAqLVTqA0i6Oii3bUBExt1us+Wz44DY5wfavP8A4vQ+Io/hnfynU9MMEcMP2mP+zZA0sglXLI3n4Rc4+UhjweeeO80iLVorVv7cvbK8mLZR7Oze3VVx0KtLISc55yPpRumGzRW8LeIofFHh+HUoYnt5CWiuLaQ/PbzIdskbe6sCM9+D3rYrifh/+813xrcW5Js5dcYRc5UusMayEf8AAwR9Qa7ajdJ90n96uLZtdm19zCiiigYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRXG6KJdX+JPiO4u767aPSJYLWztYrl44UDQB3Zo1IWRiZDy4ONoxjFdlR0TDqFFFFABWEnhlbbxrJ4hsLp7f7XAIr+127kuivEcnX5XUZGe4IB6Ct2ijrcAooooAKKKKACiiigAooooAKKKKACsbxL4at/FVgun6jd3cdgzf6TawMqrdrkHY7FS4Xj+BlJBIJIrZooAbFFHBCkUKLHHGoVEUYCgcAAelOoooAKKKKACiiigAooooAKxvEvhq38VWC6fqN3dx2DN/pNrAyqt2uQdjsVLheP4GUkEgkitmigBsUUcEKRQosccahURRgKBwAB6U6iigAooooAKqapbXV5pNzbafemwuZYykd0Iw5hJ/iCngke9W6KHqGxn6Dodl4b0O10nTEZba2Tapc5ZyTlnY92YkknuSa0KKKNw2CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKa6CSNkbcAwIJVip/AjkfUU6igDjvA8f2DXvFmlRHdb2eoRGJ5PmlbfbRMd8h+aQ5P3nJbGBnAGOxrLPhzTP+Eh/txIZYr8oEkkhuJI1mABA8yNWCSEAnBYEjtjArUo6IOugUUUUAFFFFABRRRQAUUUUAFFQ3F7a2jQrd3MMBuJBFCJZAvmOQSFXPU4BOBzwamoAKKKKACiisy38S6Fd6xJpNrrWnT6lEWEllHdo0yY65QHcMd+KANOiq0+p2Ftf21jc3tvDd3e77PbySqsk20ZbYpOWwOTjpUOra9pGgQxza7qtjpkUjbUe8uUhVzjOAWIyaAL9FV01Czk00ahHdwNZNF5wuVkBjMeM793TbjnPTFV9J1/R9fikl0LVrHU44mCyPZ3KTBD6EqTg0eQGhRRWXd+J9AsNWi0u+1zTbbUJiojtJruNJXLHC4QnJyeBxzQBqUUUUAFFFFABRVafU7C2v7axub23hu7vd9nt5JVWSbaMtsUnLYHJx0qzQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVTVtSh0bRb3U7vd5FlbvcSbRk7UUscfgKt1W1Kwg1XSrvT7xS1vdwvBKAcZVlKn9DUyvyu25UbXV9jzTXLjxFqU/gXVNYm02G0vNbt5o7C3tnMsG6GUqGnMm18Dg4jXJ+nOt468b3HhZr6aPxH4XtHs7fz49Jv2JursBdxAbzV2FsFVHlvyAcnOBLD4A1WU6Aur+JRdxaBcRy2scVl5QlVFKZl/eHc+DjcNqjn5cnIivvh1qMy+JLTTvEUdnp3iKSSW6DaeJblGeMIVWUvt2cdChIBIDA4IqWzUe7a+5W/XuKOrXN2Sf3u/wDWhn+PpNZ1O48FX2m31hbWt1q9tJBFcWDyvHI0Mp3MwmUMuCRtAU/7Xau0uJ9U0rwzcT6pqmkC6iBZr2SBra1hXI+ZlaVj8oycbxu6ZXORT1nwi+p+G9JsLXUfsl7pE0FxaXZg8xRJENvzR5GVYFgQGB561Hr3hTUvEvhqCy1XVrUahbXsV5DcW9gywFo2DKrwtKxZfUbx2Ixim7K6W1/w0JV3yt72/HUo+DvG7634q1DQ5NX0XXFt7SO7jv8ARvljwzMpjdfMkwwKg53chhwO9zwB/wAe/iD/ALD15/6HUmi+FdRs/F9z4j1nWk1C6uLJbMww2YgiiVXLDYN7Nj5jnczHJJyBhRm+ANb0r+0fEGkf2nZ/2n/bd5J9i+0L523f97Zndj3xSj8Xnyv/ANKX6Dlt5XX/AKS/1JdbnvLX4neG0u4dHu7a8e4S2d9PP2uz2wFmKzGQj5iMHCLxxzXT63/yL+o/9esv/oBrndd8LeI9W8Uadq1pr2l2yaXJI9pBLpEkp/eR7CHYXC7uCSMBa0vFWtadonhe4OvarY2TTW8kaPcTLAssmw8KGbr7ZJrOp/CfoXD+IjndJ/5Nytf+xXH/AKTVsS6u/h/4TnV4o1lksdGFwiN0ZlhyAfbIrH0n/k3K1/7Fcf8ApNWz4YvtD8VeBYLG0v7LVLc2CWt2ltcLLs3RAMjbScHGeDW1ZNzqpb6f+3GdOyjTb21/9tOAn1e70RdD1TSNU1bVrhb63h168mvXks5DPIqPCkRJQSKzggRKuwLhjk7W7L4n/wDIE0b/ALGDTv8A0oSo9M+H15bW2kaXqetw3miaLKs1naRWAgkdoz+686QOVcJ1+VEywBPcGr8UNb0pV0TSDqdmNTbXdOkFkbhfOK/aF+bZndjjrindc8bfzL7rr/gi1s7/AMr++z/4B6FVPVL640+z8600u71STcF8i0aJXx65ldFx+OfarlU9U0fTNcs/smtadaajbbg/k3cCypuHQ7WBGeetZlFXStYvtRuHjvPDep6UiruEt5JasrHP3R5UznPfkAcda1qydK8KeHdBuHuND0HTNNmddjSWdnHCzLnOCVAJGQOK1qoDitbnvLX4neG0u4dHu7a8e4S2d9PP2uz2wFmKzGQj5iMHCLxxzW34tufEFn4ZuJvB9hbahq6snk290+xGBcBsnI6Lk9R079Dk674W8R6t4o07VrTXtLtk0uSR7SCXSJJT+8j2EOwuF3cEkYC1H8TTq03gKfS9Dl1JddvlSO0m0uKRMShlJLSDIhTrksw4yASam9kNayOzQsUXeAGxyAcgGlqrpkV1BpNpDqEwnu44EWeUdHcKAzficmrVU9HYmOqQUUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRWZ4l1KbR/Cuq6nbRiWazspriND0ZkQsB+YpSfKm2OKcmkg1nXrXQ5tMju45nOpXq2UPlKDtdlZgWyRgYQ9MnpxWnXkmp6XFCvw91S61S/vtTv9XtpZXuL+Vo5C0EjMyQbvKQZIxsUYHHfmXxxrKXdr4lvdBh8U3V3o0Uim/sNRFvaWc0ce/aYjMglCnBbMcmdxGTgKG/dTv0b/BL/MF7zVuqX4t/5HpOo6vY6VJZJfz+U19cra242M2+UgsF4Bxwp5OBxV2vLfGulwa1H4F1S9mv1mvdUtFm8jUbiGNQ0EhyqI4VGyQNygNzjPNdTrz6X4S8JG3luNYaK4nSCFIb2We7nkkYARJLK5YFuRncu0ZIK4yG01dPe9vy/wAyU07NbNX/AD/yOprB0fxT/berXlpa6NqKW1ncS20l/IYBCZIzggASmT6HZXMeDL2+tviPqeiva61Y2J0yG8S11m/F5IshkdCySCaUhSAPlLdQTgZ52fAH/Hv4g/7D15/6HSWr+Tf3NL/Mb0XzX4ps2b7WvsWvabpn9majcfb/ADP9Lt7ffBbbFz+9fPybug4OTRrurzaLYm6h0i+1RVBMi2bQho1AyWPmyICOOxJ9q5rX4WsPil4VmtLzUEGoy3K3UBv5mgkCW5K/uS3ljBGeFHPNdVrf/Iv6j/16y/8AoBqJytBtboqKTmkVbfxNZ3PgqPxPHHOLKSwF+I2UeZ5ezfjGcbse+M96k0DWpdd08XkmkX2mRuqvELxoSZVYZDDypHwPrg+1cnpP/JuVr/2K4/8ASaur0CNZvB+mROWCvYRKSjFTgxjoRyD7jmtZq05pdLfr/kZxd4xb63/T/MtQarp1zqVxp9tf2s17ahTcW0cytJCG5BZQcrntmsnX/Fw8O39pDeaLqUtrdXMNqt/CYDEskrhFBBlEnUjJCH8a5jwrp1npHxu8Q2OmW0draw6LZBIo1wB88pP4kkknqSSTWp8T/wDkCaN/2MGnf+lCVMdXHzdv/JrFP7Xkv0udpRRWN4o1C703SBPYT+RL5gXf/ZNxqPHPHlQMr/8AAs4H40tgNmiuT8Ka5qmp6jLFqF79ojWLcF/4Re+03ByOfMndlb/dAz37V1lUBmX2tfYte03TP7M1G4+3+Z/pdvb74LbYuf3r5+Td0HByah8QeK9K8NCIapPslmUmGLhTLggEKzEKSN2duc4BOODWBr8LWHxS8KzWl5qCDUZblbqA38zQSBLclf3JbyxgjPCjnmtfxb4Ri8W2P2a5vbiGMKQIVc+SxLKdzoCN5AUgBjtGc4yARPQNLmppur2OsaaNQ0m4W8tGLBJoeVk2kglT0YZBwRwexqLw/rP9v6JBqX9nahpnnFh9l1KDyZ0wxX5kycZxkc9CKZH4et10E6RJealLb7iVkbUJlnUbtwXzlYSEDpksTjgk1i/C25uLv4d2Mt5cz3Uvm3CGW4maV2CzyKMsxJOAAOT2p6C6HX0VzWi2vkeOfEUp8UnUmn+zn+xzIp/s0BMfdDEjf97ouffrXS0dB9QrN0DXbbxHpK6lYJKtrJJIkTyADzVVyu9cE/KcZB6kYOKyfiBqM9r4YNhp0hj1HWZk02zYHBR5eGf/AIAm9/8AgNaijTvCPhQDi303SbT0+5HGn+ApXSTk9l/w7/T7x2baS6/1/n9w60122vfEOoaPbpK02nxxPcS4Xy1aQEqmc53bQGIxjDLzzSDxNoLa5/Yq63px1UHH2AXcfn527v8AV53fd56dOa4+wh1PSPg/rmuojJr2p2tzq0gHzNHK8ZaNPU7ECKP92tvwDpulx/DXQYbGGKS0azguASoO+QgOZD1y2/5s9c81Vmm0+lr+rv8AlYm+zXW/4W/O51FFeaWkFx4s03xNrOo61qmnXVhfXVtaCzvZYI7NICdpMSkJITjcfMDZDAdMCpPDHiLU9b8XeFLi9llhGoeFpLy4tVYiMymSD5tnTPzHB7A0o+9b7/vTa/IctL/1s0n+Z32o3U1lYvPbWFxqEi4xbWzRq7844MjqvHXlhVPw14gt/FHh+DV7OCe3inLqIrgKHUo5Qg7WYdVPQmsH4bX91qFr4ka8u5rryfEV7DEZZC+yNXG1Fz0UdgOBWZ4K1KbR/gZcanbRiWazi1C4jQ9GZJZWA/MVLlyx5n2v+FxpNy5V3t+h2es69a6HNpkd3HM51K9Wyh8pQdrsrMC2SMDCHpk9OK068k1PS4oV+HuqXWqX99qd/q9tLK9xfytHIWgkZmSDd5SDJGNijA478+t1dmk0902vwX+ZN07NbNX/ABZmSa9axeK7fw+0c32u4s5LxXCjywiOqEE5znLjtjrzWnXnniLSzq/xq0e2a9u7SH+w7pphaSmJ5V86H5PMXDIM4OVIPGM4JBp6N4lS08Daxb63e6pcLa6/caRZ/Z5i15cAS4jiWQkHcQdu8sCBzuBGQlrFd9f/AEq3+Q3o/LT8r/5np9FeY+HjfXHjLXfDJXxBpFlc6Mk8cepakLm4gkZ3jMkUqzSsowBxv4K5AHduma3q3iG18IaBJd3EGpQ3Ej63JDKVfbZnYwJBziSUx/VSaa1t/XVp/dYHpf8ArpdfeeoUV5T441lLu18S3ugw+Kbq70aKRTf2Goi3tLOaOPftMRmQShTgtmOTO4jJwFHpWj3Ul7odhdT482e2jkfAwMsoJ/nSWqv6fjsD0dvX8N/zLlFcl8Rb26sdI0l7K5mt2k1ywidopChZGnUMpx1BBwR0IqBb+7b45XGnrdy/ZV8OJMLYyExrIbhhv2ZxuxgZ64oWv3tfcrg9F934ux2lFeX+F7i+8Pa1ptp44j1+DWb2eWEaj/aLXWnX8nJCrHvKw5HzKvlR42EAnkGjcXviDxLqHiiW20/xPJd2N/LZaZJpmowW9vamJRtLxtcJ5pZjubzEYYIA44o/4f8AL/Nb2HbX+vP/ACfc9erM0PXrXxBDeSWccyCzvZrKTzVAy8TbWIwTxnp39hXIxzar4i8W6boHiGa709YdBj1C8t7K6aB5bln2MDLEwbam08K2CWGc4FTfCaOGHQdajtZGlhTX79Y5HmaVmAlOCXYksfckk00tX6P8Gl/mJvT5r8U3/kdvcXENpbS3N3NHBBCheSWRgqooGSxJ4AA71Vk1zSYrWzuZdUs0gv3RLSVrhAtwzjKCM5wxI6AZzWP8SZfI+F3iZ/8AqF3A4HrGR/WvOvEHhe+0XRIvtltGukaDqFnJpD+Yv/La7iaQ46p5YzGvT5WNKOsrPyG9Ff1/Q9rqlqOr2OlSWSX8/lNfXK2tuNjNvlILBeAccKeTgcV5t441lLu18S3ugw+Kbq70aKRTf2Goi3tLOaOPftMRmQShTgtmOTO4jJwFEnjXS4Naj8C6pezX6zXuqWizeRqNxDGoaCQ5VEcKjZIG5QG5xnmha29V+P8AX/Dg9L+j/Bf1/wAA7/XtetfD1raz3sczrc3kNmgiUEh5XCKTkjjJ5747GtOvOviPo62HgvS9P028vYS+vWGy5nuXupY2NwvzBpi5OOoByParWhmbRfi1e+HoL6/ubCXRYr7Ze3klwUm850Yq0hJUEY+UELxwBTjr97/BJ/5iemvkvxdv8ju6KrQanYXV9c2Vte2813abftEEcqtJDuGV3qDlcjkZ615pFZ3erzePb+/8RaxAmlX0yWMdvfSQx2u23jfdhSN4yfuPuQYOF+Y5lu12+iv+X+Y0r2XnY9UorzPSdS1Dxrrmj6drdxd2Nv8A8I9b6rLDYXMlq1xPKSpzJGVbamPuhgMsM5wMZkev6ho2oQC61a9m0zQfEkunyTzzMTPbvaF1WUn/AFhRyFDNk8AnnJqmuV2f9WfL+ZKd1df1pzfkev1lv4gsl8UR6BH5s181ubmQRplYI84Uu3bccgDqcHsM1w/hjxPrXifxlokepq+n3FnZ3r6jZQO4iLFofJyCfm+SQNz0JNavwyIvLbxDq84U3t7rl0kzY+YLC/lRoSewRBge59aLO+vZv8bf8ELq2ne36nSX2tfYte03TP7M1G4+3+Z/pdvb74LbYuf3r5+Td0HBya064fX4WsPil4VmtLzUEGoy3K3UBv5mgkCW5K/uS3ljBGeFHPNdhf6jZaVYyXmqXkFlaxY8ye4lWNEycDLMQByQPxpdB9dB15eWun2ct3f3MNrbQrulmnkCIg9Sx4AqDS9Z0vXLQ3WialaajbhihmtJ1lQMOoypIzyOPenal/Zy2DXOri2+y2uLky3IUpEU+YSZPAxjOe1cV8P/AD9d8VeIPGsVrJZaVq6QQ2Mcq7XukiDD7Sy9QG3YXPJUA9CKFq/6/r+vWw9rnV6F4hs9fS8Fos0M9jcva3NvcJskidfUZPDAhgRwQQa1a4i4H9n/ABysjabV/tbRZvtiA43GCRPLcj1Hmuv0rt6F8Kf9aO36B1a/ruFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFcz4d1rVpvEus6Dr32Oa40+OC4iurOJoUlilDgAxs7lWDRsPvEEYPHSumoDrYKKKKACiiigAooooAKa6JLG0ciq6MCrKwyCD1BFOooA5qy+HvhnT5bWS209y9nIslqZbuaX7PtzhY97nYnP3FwvA44GE1D4d+F9Vur2a+055Bftvu7cXcywTvt273hVxGzYA+YrnIBzkA101FAGXqPhrSdW0OLSL+08yyh8sxIJHRojHjYyupDKwwMMCD71BP4Q0e70H+x72K6u7QSiZTc308sqODlWWZnMikEcEMMdq26KNw2MTR/B+h6DqU2o6baOt9cRCKa6muZZpZlByN7yMxYjoCSSAAOgArL8Hxarpep6xYX+h3kUFzqlzdxX/mwNCyO2V4EhkBPuldfRQtHfyt+v6A9V+P6HOan4D0PV9WTU746o13GxeJ4tZvIhCSNp2KkoCZHB2gZqz4jlu7Tw/Ja6ZpF9qzzQtAq280W5MoQGZppEyPfJNbVFS4px5eg07PmOP0/QtRg+CtvoMtvt1NNBFm0G9TiXyNu3dnb97jOce9anhSW9l8O29pqej3ulS20EcBW5lhYyYQAspikfA474NblFXJ80pSfX/g/wCZKVkkun/A/wAjmLL4eeH9P1r+17YaoL8hA88mtXkhkVTlVfdKQ6jJ+Vsjk8VR8eW+r6xLpWmaZoV5PHDqtleS3wlt1hRI5lZ+GlEhIA7Ia7WiktGn2d/1H38wooooAKKKKAOc1PwHoer6smp3x1RruNi8TxazeRCEkbTsVJQEyODtAzXQxxiKJI1LFUUKCzFjgepPJPuadRR0sHmVNS02DVrJrW6e6jjYglrW7lt34/242Vh9M81n+HvCOk+FY2j0RbyKJgR5U2o3E8a5JYlVkdgpJJJIAJzW3RQBxvhzwdc2fj7WvGGrLaW99qUMdqlrZSNIixpj52dlUs7ED+EAAAc9a7KiijokHW5jXfh/7b4w0/W7i43R6dbyx29r5fSWQqGlLZ5+VdoGONzc80eKNA/4SbR00yW58i1e4ikul8vcZ4kcOYs5G3dtAJ54zxzWzRR2/rzAMcY7Vztj4D8PaZdrNp9pPbxpKZltI72cWivnO4W2/wAofN8wwnBwRzzXRUUbO4dLHPah4D8O6nqVxe3dlKZLoobqOO7mjhutvTzYVcRy8cfOpyBg5HFWtY8LaTrr20l/DMstoGWCW0upbaRFYAMu+JlbacDK5xwOOK16KPIPMwrXwXoWn6NPpWl2kum2U9wbl47C7mtiJDjJVo2VlHA+UED2o0Hwbo3hq3kt9Jju1t5VKtBcX89xFgkk4SV2UZJOSAM55rdooA5qy+HvhnT5bWS209y9nIslqZbuaX7PtzhY97nYnP3FwvA44GOloooApPpFjJrsWsPBm/ht3tkm3txGzKzLtzjkqpzjPFZ03gnw9Ppd3p8mn5t7y9bUJQJpA32gsGMquG3I2QCNpGO1b1FH9fr+eof1+hiaP4P0PQdSm1HTbR1vriIRTXU1zLNLMoORveRmLEdASSQAB0AFTWHhnSNM13UNZsbMRahqO37VNvY79owMAnC++0DOATmtWigDmdQ+HfhfVbq9mvtOeQX7b7u3F3MsE77du94VcRs2APmK5yAc5ANdFbW8VpaxW1uuyGFBHGuScKBgDJ9qkooWisg31KWr6RY67pkun6pB59tLgsodkIIIKsGUgqQQCCCCCOKz9K8F6Bo2py6jY2Lfbp4Ps811PcSTyzJu3YdpGYuegBbJAAGcACt2igDBs/BWh2OqQ6hFDdSz25Y24ur+e4jtyRgmOOR2SPjgbQMDgccUX/gvRdQ1SbUXjvbW7uFUTyafqNxZ+dt4UuIZFDkA4ycnHGcCt6igDF1Xwlo+syWst/BO01rGYop4ryaGTyzjcjOjhnU4GQxIOOat6Roem6BaSWuj2iWkEkrTGKPO0M3XA7DjoMAdhV+igCnq+k2Wu6Rc6XqsPn2d1GY5ot7LuU9sqQR+Bpuq6NYa3pbadqcHn2rMjGPey5KMHXkEHhlB/Cr1FAHM6h8O/C+q3V7Nfac8gv233duLuZYJ327d7wq4jZsAfMVzkA5yAa0tR8NaTq2hxaRf2nmWUPlmJBI6NEY8bGV1IZWGBhgQfetSijpYOtzHPhXSn0yCwuEurqC3uku4vtV9PO6yowZTvdyxAIBwTj2q0NF08eIW1wW//Exa1FoZ97cxBi4Xbnb94k5xn3q9RR/X6fkH9fr+Zk6f4X0bStf1LW9PsVh1HVNn2ycMxMuwYXgnA/ADPfNctpHw+gu9c8TXXiW0uXhvdWM9vbnUJfs9xEIogC8CP5bfMrDDqScDPGK7+ihaO/lb8v8AIHr+Zkaz4X0nXprafUIJluLTcILi1upbaaMMMMokiZW2njK5wcDjgVXu/A3hy+8Mx+HrrTEfS45FlEAkddzht29mB3MxbkkkliSTnNb9FAGVbeGNHs/E954htrJY9VvYUguLkO2ZEXG0bc7R0HIGeBWVpei6loHjrUZLKNZtC1km7lG8BrO6ACsQD95ZAAeOjA9jXVUULT+v69fUP6/r8vQ5zU/Aeh6vqyanfHVGu42LxPFrN5EISRtOxUlATI4O0DNVvH/hW58XeEH8M2yWotbsLHPdXcrvJbqpUh0XB8x+P4nXB5JPIrrKKVlaw7tO5h6r4P0bXfCsXh3WLeS602NI08o3EiFgmNuWRgT0B69am0nw1Y6LcNNZTanIzJsK3mq3V0oGeyyyMAeOoGa1qKq7u2TZWS7HLeHtF1CTxRqfibxAiw3U4+x2NqsgcW1qjEgkjjfI3zHHQbR2NdTRRS6WH1uFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcXCs0vxh1I6Y625i02z+3mYGRZ0Lz7FRRt2MMNlyWGCBs712lYGg+HbrTtZ1PWNX1CK+1HUFiiZre3MEUcUQbYqoXc5y7kktznoMVv0dLA92/62CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKjubiK0tZbm5kWKGFDJI7HAVQMkn8KTaSuwWuiOYvry61T4l2Gk2c00VnpVs19fmN2USPJlIYjg8jiRyp/urTvH1/dx6Ra6PpE0kOo63dJZQyxMVaFD80sgI5BWNXII6HbUfw6t5ptCn8Q38ZS98Q3B1B1YfNHEQFhjP+7EqfiTUWlZ8Q/E3U9VbDWegxf2ZaHggzuFkuHHuB5afgw9adtVF+r/y/KIX3kvl/X/kxa8Za3qmi2OnWHhmO3n1e/mMNst4HkQKkbSOzYYE/KmM56sKZJ8QdKs/Ael+Kb5Zzaah9nXbbxGVkeUhcbRycMcEDJ44BqtqnhnWNc+Io1L+0b3RrHTbDyLKe0+zu00krZmysiSAABIx90Hrg4ri9X0bV/CHhV9LuornULO28WWNxpkpeHzLmOSdHZAAVVWEhcchF5GMCiOrs+rX52/Fag9Nuif5X/wCAei2HjO3urm7tb7S9Q0q8trT7aLW9WLfLDyN6eW7LwRggkEEjIGRVHSfiVpurxaXdR6XqtrpmqukVpqN1CiQvKy5CY37wSQVDFdpI4Y5BNSbT9T1XXNS8TanpsukwW2jTWFra3MsbzSFyHeRvKZkUfIoA3EnknHfD8LWmreK/APgfTf7GudP0+wjsb2e+upoSs6wqrIsSRuzfMwU5cJgA9T8tOOr18vxb/RX9fuFLTbz/ACX6u39XOv1Px7Z6fdagkGl6nqNvpRA1G8s442itDtDEEM6s5VSGIjVyAfXinan480+w1XTtNtbK/wBUu9TtDd2cdjErCZAVB+ZmVV4bdliq4HXJAPJv4Mn03WtejvdC8Qa1ZapeSXkUuka81sm2UfPFJC1zEMgg8gMCpGSMYrobPw3NY+PtEu7Cxe30ix0CWxAeYM0LGSEpGcsWY7UPPI460o62v/Wjb/GyX6jlpe39ar9L3LkHj3SZfDLazJFdwBbtrE2UkQNx9pDmPyQqkgsWGBglcHOcZNZOi67qWofFu+gvrLUtKtotDikWyvZomXd58gMgEUjqMgYzkH5fTFZEfg/X7XTbm6TT/NurTxjNrUFoJ4w11bsSvysW2hirkgMRyMHFb2jWGvXXxIvfEOpaULC0m0mO0t4ZJ0aRWWVmxJsLAMdxPy7gBjknICXR/wBfD/m7BLRNf18X+SuaWgeMY/ERgmstF1RNNut32XUpY4vJnAzghVkMiAgEguijp0JAPR15ppXhvUbHxZpsnhjQ9U8MWMc8smpwy6hFJYXCMMlYoFkfaxfBDBIsDdnk7a9Lqun9f1/WwdThvHvivWdB1bQLbStJ1CaK61SKGaWE2pW5QxyEwr5kgYNlQckKOPvdjF498R3ll4O07VJbbUtEK61ZLNCzK0xi89QwxA77gwyNoJJ6YrV8d6VqOoWmkXmj2v2240nVYb42okVGmRQyMqliF3bXJGSBx1qt4otNV8UeHtLNvo11Zzw61Z3EltdSwb1ijnVmfKSMpGATgNn2pR3X+Jfd7v8AwQl/7a/v1/4BpaT4vttS1S7067sL3SLy1t1umivxGN0DFgJAUdhjKkEEhh3AqnY/EKwvZ9PZtN1O10/VZPL0/U7iJBBdMeVAAcyJuAJUuig/iM0tY8J3+r/ETVblozFpt94YOmC6DjKytK5I253cKwOcY96yPDnhHyY9HsPEHhbxFJPp0kX+mf8ACQtPYiSL7syxtdBtvAIXyuM4xRHW1/61af4Jff2CWl7f1on+bf3dz1Cuc1zxpaaJ4gtNEGn6hqGpXsDz28FnErbwrKrAszKq43ZyxC4HXJAPR1594gv7jT/jRpMtppN5qrnQrpTDZvCrqPPh+Y+bIi44x1zz0oWskvX8mw+y36fmjpdP8VW+p6HcahaWV681tM1tNp/lr9ojmVtpjIDbQckfNu24Ibdt5pmkeLIdS1K802702+0rULOFbh7W9ERZ4myA6tG7qRlSPvZBHI6Vylx4b8VW/hHUp7BXh1PWNZXUL6zs7pUmS2OxWhjmJCiTy0XLAqM7gG6MX+FfDeqW3jrU9Wk0nULCwuNJS1hXUtXN9OXWRiQxaSTZ14Cuy45yCSAm3b5fja/56f1cen4/he35a/1Y0dN+KWl6pZ6VqEGk6vHpeqTx20WoTQRpEkznARgX3/e+XcqlMn73WtTX/F3/AAj4uZp9B1a6sLNN91fW6ReXCuMsdryK7hVOSUVh1HJBAT4faVe6H8PNE0zVIfIvLW0SOaPcG2sOoypIP4GuI8VeG/FesHxTaXOm6tqMt75kelT2+uG0sYYDFhVeJZVLPndndGwYkAsF5Dno2l5/1/X6akVe1/6/r+vLa1vxRLYfFTRUtBf6hbXuiXDw2Nl8wnk82Iq+GZUXC7vncqADjOSAdmPx7pTeHpdTkhvIZYrs2Lae8QNz9qBwIQqkqWPBBDFcHOQMkYz6brWj+KfDurw6FdanFa6C+n3EVnNAHilLQsM+bIgI+RuQTVKbwZrgsDrqWsUmrjxD/bo0wTLgp5Yi8nzD8vmeWM5zt38Zx81VZLTpr/6V/ld/d85u2r9dP/Sf89Dr9I8Uxarq1xpF5pt/pGoxQif7LfCPdJETjejRO6kA8HDZBxkDIrG8IRPYfELxXpcd5fz2dvFZPDHeX01z5ZdXLbTKzEZIHftU1jY6rq/jhPE2oaVcaXBp9hLZ21nPLC887SMju58t2RV+RVHz5JznaAM0/Dz65H8RNa1K88J6paWerJaxxyyz2beT5SuGLhJ2OPmGNoY+1T27/wDBdv0B9f67f8E29f8AF3/CPi5mn0HVrqws033V9bpF5cK4yx2vIruFU5JRWHUckEDfhmjuLeOaBw8Uih0YdGBGQa8o8VeG/FesHxTaXOm6tqMt75kelT2+uG0sYYDFhVeJZVLPndndGwYkAsF5HpmiW8tpoGn21wuyaG1jjkXIOGCgEZHvRHWN35fjf8v6uOWjVvP9PzMnx9reoeH/AAVql9pNjdXNzFZzOk1v5OLYrGSJGErrlQRnADH2NHhrxJd3+gxXet6RfaXHHZpPLeXslt5cnygsw8qViB1PIXj8q0vEeltrfhbVdKjcI99Zy26s3RS6FQT+dc5ZWeq+Ivh7ceGNb0S80Wd9K+xvcySwSxM5j2EpskZiO/zKvHvU3aUrb6W/H/gFaNxv53/D/glq08f2lxc2H2jSNVsrDU5PKsdSuYo1huGP3OA5kTeOV8xFzwOpArq686fTvEniPRtE8P6noMmkpYXFtNe3zXMLwyi3dWAhCMXO9lU/OqYGc84B9FrRpK9u/wCGn/BM029+34nDePfFes6Dq2gW2laTqE0V1qkUM0sJtStyhjkJhXzJAwbKg5IUcfe7GLx74jvLLwdp2qS22paIV1qyWaFmVpjF56hhiB33BhkbQST0xWr470rUdQtNIvNHtfttxpOqw3xtRIqNMihkZVLELu2uSMkDjrVbxRaar4o8PaWbfRrqznh1qzuJLa6lg3rFHOrM+UkZSMAnAbPtUx3X+Jfd7v8AwSpf+2v79f8AgGlpPi+21LVLvTruwvdIvLW3W6aK/EY3QMWAkBR2GMqQQSGHcCqdj8QrC9n09m03U7XT9Vk8vT9TuIkEF0x5UABzIm4AlS6KD+IzS1jwnf6v8RNVuWjMWm33hg6YLoOMrK0rkjbndwrA5xj3rI8OeEfJj0ew8QeFvEUk+nSRf6Z/wkLT2Iki+7MsbXQbbwCF8rjOMUR1tf8ArVp/gl9/YJaXt/Wif5t/d3PUKw9b8UQ6RqVppkGn3uq6ldo8sdnZCPeI0wGkZpHRAoLKOWySRgHnG5XmHjM31x8XdNTR21Zrmz0aV3XRPsqzxrJKoHmG6HlMh2HAB3AqTjHNLql/WzY+jf8AW5tw/FDS28FXHii90zVbCxtrwWckdxDGZg/miJjsR2OAxwR97g4B4zp6V4wh1LX20e40rUtMu2tftcAvUjAuIQ20sux2KkErlXCsNw46441LK2134dXOgeFNPvo77TdZt/t1tqMsf2jzRcRzSyO4coxYEvlWI5wAOlemX63T6dcrpzxx3bRMIHkGVV8HaSPTOKbdlf8ArZfr/XZbu39b/wCRgr40jTV7Ky1HRNV02LUJTDZ3l0kQimfaWC4WRnQsqkgOinjBweKp3HxIso77V7a00bWL7+xZWTUJbeCPZAAqvuyzrvGGJ2puf5TlRkZ5Cx8K+Jru98KT32j6yt5p1/Fc6realr3nxyNscM0MAlZNuWz92MqMAKcnFvSrvWGvvH+l6JoVxeTXesSRpemeGO2gZraFcybn8z5fvHbG2eAPY11tuk/n8NvzfYel1fbT9f8AJdzT1bxY1r8T9DNgb7U7PUNDnlt7OxO5bh/NiKvhiqLhN3zuVABxnJAPR2PimPWvDc2paVpmoXEsUz20tgvlR3EcqPsdCXcJlTznfgjoTWNo/hG70Txh4dMCebp2leHX01rncBmQPDtG3OeQjHuB607wnY6t4W0vxDLc6NdXct3r91dwW1rLBvkhkcFXy8iqOOcFgfam0rcvTX/0rT8HclN7+n/pOv4ovfDu5trjwHZTWl3q11DulHna3Mst1kSsGDupIOCCBg9AKl0fxlFr1wjaZpGpy6ZI5SLVtkYt5SOMqN/mlcggNs2nrnHNY/w/07VYfA8nh3XdEvtKk23GZ5Zrd0YSyOwC+VKzZAcdQPY1Y8EHX9F0PS/DWqeHplbToVtW1KO5hNrIkY2q6jf5uSAPlMYwTjOOaN3r/Xf7v18g6f1/Wp2dFFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFUtU0ix1mCGHUoPOjguI7mMb2XbJGwZG4I6EA46HvV2igBk8MdzbyQTLujlUo65xkEYIqHTdOtdI0u103TovJtLSFYYI9xbYijCjJJJ4HUmrNFABRRRQAUUVW1G4e00u6uYwpeGF5FDdCQpIzSk1FXY0m3ZFms0eI9EbXDoy6xp51UdbEXSeeON3+rzu6c9OnNcVpXjXxP/wAI/wCG/Eeuw6Umna1LbQPZ2schmh88AJJ5pfBBcglNnAb7zFcnU8V/8lI8Df8AXxef+k5qmmnr6fP+mTe6v5XOzorl9W13Vbnxevhrw41nb3MVoL27vL6B5kjRmKIixq6FmYqTksAAvQ545nxBreu678MfF1rLLp1nqOjw3VpqWLZ5Y7hfI3hov3imMsrqfm37TkYOMmHK0XL1f3O35lxjeSj8vv1/I9Oorm/BMGuReH7BtX1HT7q3ayh8mO1sHgdPlH3maZw3HoF/pXSVpKPK2jOL5kmFUn0ixk1yLWHgzfw272yTb24jZlZlxnHJVTnGeK47x143uPCzX00fiPwvaPZ2/nx6TfsTdXYC7iA3mrsLYKqPLfkA5OcC/ceJ9S1XW7HRvDYtbWefTV1Oe6voWmWGNjtRBGroWYndzvAAXocipWu39aP9Eynpv/W36tHU217a3qyNZ3MNwIpGikMUgbY6nDKcdCDwR1FAvbU3zWQuYTdrGJTb+YPMCEkBtvXGQRnpkV5f4W1698PeF9QjC295q2o+LLuwhba0UJmeViXK5YhAFZtu4k4xnnNPmGs2XxD8SSatqFrcXaeEw8U1havahAJZccNLIdwOTkEduOM1LlaKl5X/APJeYrl1a8//AG7lPU6zR4j0RtcOjLrGnnVR1sRdJ5443f6vO7pz06c15H4b1iKbR/BU3hLxLe6v4juTa/2tZnWJb5BCyj7Q00bu4h2nowCkMQO+K7vxX/yUjwN/18Xn/pOa0cbP52/ryM73XyudnRXL6truq3Pi9fDXhxrO3uYrQXt3eX0DzJGjMURFjV0LMxUnJYABehzxzPiDW9d134Y+LrWWXTrPUdHhurTUsWzyx3C+RvDRfvFMZZXU/Nv2nIwcZOblaLl6v7nb8zSMbyUfl9+v5Hp1RSXMEVxFBLPGk02fKjZwGkwMnA6nA64rA8Ewa5F4fsG1fUdPurdrKHyY7WweB0+UfeZpnDcegX+lZfgdF8QeINc8W3il5/tk2mWAccW9tC20hfQvIGZj3wo7VpKNpOPa/wDkZqV4qXc7S4uIbS2lubuaOCCFC8ksjBVRQMliTwAB3p0cqTRJLC6yRuoZHU5DA9CD3FeaeLNa1vxJ4L8aSaTNp9jpOnQXlk4ubV55rpo4yJCpEiCIZyoyH6bvatq51p9G8G6C41/QtBjktIgbnWfmViI1wip5keSeTnfxj7pzkQtVf0/G5bVml6/hb/M7OivLdR8Sap4x+CniC+srzS0e2hv7W7migaeG7SNXXfCRKNgYYIJL4z36nrfBUGuReH7BtX1DT7q3ayh8mO1sHgdPkH3maZw3HoF/pTXX5fjf/IT0t8/wt/mdLUSXdvLdS2sdxE9xCqtLErgvGGztJHUA4OM9cGvPh8QprXxZpWny+IfDGrrqF6bOXT9MY/abJirEEt5rbwpXaxMadQcD7tXfHiDQNY0XxhZgpPDdxaffbF/4+LWdwm1vXa7K6ntz6mha283b+vvQPS/lr/X3M7misXxbc+ILPwzcTeD7C21DV1ZPJt7p9iMC4DZOR0XJ6jp36HZQsUXeAGxyAcgGgBaKKKACsbVvCmka1fx315FcRXkcZhW6srya1lMZOdheJ1ZlzztJIB5rZooAz9G0PTvD9i1ppNv5MbyNLIzO0jyyMcs7uxLOx7sxJrQoooAKpafpFjpc99NYweVJf3Bubk72bzJCqru5JxwqjAwOKu0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFZuo67badq+l6bIkst1qcjpCkQU7VRSzO2SMKOBkZ5ZRjml17W7Xw5oV1qt+HaC2TcUjALyEkBUUEgFmJAAyOSKANGisfUvF3h7RJYodd1zTdKuJIxIsF9eRRPtPGcFuRkEZHHBrUguIbq3juLWVJoZVDxyRsGV1IyCCOCCO9AElFFc8/i5ZPEFzpOlaNqWqNZPHHeXFt5KxW7uAwUmSRCxCkMdgbAI78UdbAdDRWZfa19i17TdM/szUbj7f5n+l29vvgtti5/evn5N3QcHJrToAKo63/yL+o/9esv/oBq9RUyjzRce5UXyyTPNPAXhnUdZ8EeDZ9d1W2n02xs7W7tbK1smhYyLEPLMsjSPv25zhVTJwTxxW3rvhbxHq3ijTtWtNe0u2TS5JHtIJdIklP7yPYQ7C4XdwSRgLXYUVpJ80mzOKsrHM6p4X1CbxBba/omq21hqq2v2S6aeyM8FzHncAUEiMpDZIIfoSDns/TfBtra+HdU06+uHvJ9aMr6ldbAhmeRNjFV5CqFACrzgAZJOSdbUNXsdKkskv5/Ka+uVtbcbGbfKQWC8A44U8nA4qHXdetfD1rbT3sczpc3kNmgiUEh5XCKTkjjJ5747GptdW76ff0+8rVO/wA/u6lTwvpGt6JYQ2GraxaanbW0CQwNHYNBLhRgF281lY4HZV559qTSPD2oab4t1vVrrxBd31pqXlfZ9OlH7uy2KQdnJHzdeAvvk81v0U7tu4rJKxwN98OtRmXxJaad4ijs9O8RSSS3QbTxLcozxhCqyl9uzjoUJAJAYHBGhN4NvrfUtP1LQdZisr2201dNnaey89J4lIKkKHUq4OSDlh8xyDXXUUlpt/VtPyY3rv8A11/Q4aL4bG28Omwt9alN7DrDaxa308IkZJi2f3i5G8EFgcFc7jjbViHwNePq+qarqmufa7zU9LOnybLXy4ohliDGu8kKN33SSScndyAOp1C/ttK0y51C/k8q1tYmmmk2ltiKCWOBknAB6VJbXEV3axXNu2+GZBJG2CMqRkHB9qVk1b+trfloO7Tv/W9/z1KHhvR/+Ee8LaXo3n/aP7PtIrbztmzzNihd23JxnHTJrC13wt4j1bxRp2rWmvaXbJpckj2kEukSSn95HsIdhcLu4JIwFrsKwbnxUtl4ustBu9J1CI37OtrekwmCUpHvYcSGQYHHKDn86ptyld7kpJKxX1TwvqE3iC21/RNVtrDVVtfsl009kZ4LmPO4AoJEZSGyQQ/QkHPZ+m+DbW18O6pp19cPeT60ZX1K62BDM8ibGKryFUKAFXnAAySck9HRU2TVv67j2d/67GD4X0jW9EsIbDVtYtNTtraBIYGjsGglwowC7eayscDsq88+1YvhXd4W8Y6v4YuomS21C5l1TSp8HbIr4M0WezI5Jx3VgexruKKq75r/ANf1cVlaxw1/8Pb25tde0yy8QfY9G1uWWea3W03TJJIuHCy7wPLZuSuzdyQGGcixd+CL5NY0jVtE1i3tr7TtNOnE3libiJ0O07lUSIUbK9dxBHBHFa2ueJ4dGv7LTobC81TUb4O8NnZCPf5aAb3LSOiKoLKOWySwAB5rVtJ5LmzimmtZbSR1BaCYoXjPoSjMufoSPeklZaf1a6/zQ3vr/Wz/AMjndD8Ex6Z4V1bQ9Q1GXUk1We5luJ3iWN28/O4YX5c8nkAD2p+i+HNYtPD76Jret29/Ziz+yRSW1k1tcBdu3cz+a6lsdwq88+1buoX9tpWmXOoX8nlWtrE000m0tsRQSxwMk4APSmnUIP7JOpRlpLbyPPUqMFk27uAcdvWk7Wd9rfh0/UavdW3v+PX9DirD4darBb+HLO98RwSWHh2eKW1t7bTBD5oRGQeaxkbLYbqu0ctlTkYs+LRJ4n8VaT4XtI3aCzuItU1SfBCxJG26KPPQu7qDjsqMfSuo0TVoNe0Cw1ezSRLe/t47iJZQA4V1DAEAkZwexNXqt3Utejv8/wCkidGtO1vl/TZxvxSbU5/A91pnh1tUj1m+2pZSaajhlcOp+eVRtiXHVmZeM4z0rqNMiuoNJtIdQmE93HAizyjo7hQGb8Tk1aoqVomN62CiiigAooooAKKzNd1618PWttPexzOlzeQ2aCJQSHlcIpOSOMnnvjsa06OlwCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiio7lJZLWVLaVYZmQiORk3hGxwSuRnB7ZFJ7AjkfDu3xB491rxCfmt9P8A+JPYknIypDXDj0y+E/7ZUeI9viDx3ovh0fNb2P8AxOL8Z4IQ7YEI75ky/wD2yre8M6FD4Z8M2Oj28hlW1iCNKwwZX6u592Ylj9ai0bw//Zesazqc9x9putVuFkLeXs8qJECRxDk5xgnPGSx4FVs0u35/8Pr+At033/L/AIbQxYf+S6Xv/YuQf+lMtcK+rahoVn4j03w3HcJp1x4ti0+2NgY1eFZERrhIS5VFO/coOQFZyeCK9Q1Xwbo+sawNUu1vor7yBbmaz1K5tS0YYsFPlSKCMsTz61M3hTQm8Mnw9/ZVsuk7NotUTao5zuGOQ2fm3D5t3Oc81K0S/r7V/wAtPmVLVu3l/wCk2/PU5bw7ZeIU8R3trFaeItH0K5scrLqmoQXk1vdBgN0bNLO2CpzhsqCvTnmn8PtE1BfEXiuQ+KNWZbfXiJIjFabbnEEJy+IMgkHHyFeAMYOSe40nw7ZaLLJJZz6lI0i7WF5qlzdAD2EsjAH3GKn0/SLHS576axg8qS/uDc3J3s3mSFVXdyTjhVGBgcVSdnfyt+Kf9fIl6q3n+lv6+ZymvwtYfFLwrNaXmoINRluVuoDfzNBIEtyV/clvLGCM8KOeaj8RQXerfFnStHOrahZ6a+kXFxcW9nctD55WaIKCykMv3uqkNjjOCQdnU/Aeh6vqyanfHVGu42LRPFrN5EISRtOxUlATI4O0DNai6JYLq9vqnks17b2rWkczSuxETFWIOTySUU5OTx160lum+n+T/Ub628vz/wAjyr/hJtas/Atzp9pPqN1KPFsmiJcJOr3S2/mk4WSVgN+35AzNkZBzkV1PhS31+08WXMY0zXLHQJrLcF1rUYrxo7oMB8jCeWTaynkE4BXjGeegPg/QW0nUdMfTkez1O4kurqJ3Zt8rnLOCTlTkAgrjaQCMVNpfhux0h5WtpdRm85djrfanc3a49lmkYD8KFtrv/wABL87v11B76bf8G/5WRwnhe4vvD2tabaeOI9eg1m9nlhGo/wBotdadfyckKse8rDkfMq+VHjYQCeQfUKwbPwVoljqkOoRQ3Us9uWNuLq/nuI7ckYJjjkdkj44G0DA4HHFb1PoHW5518TdBtL3WPClzPNqCNNrkED+TqVxEiqY5cFVRwqNnA3qA3OM80fEfR1sPBel6fpt5ewl9esNlzPcvdSxsbhfmDTFycdQDke1drrWh6d4h042Or2/nwb1kXDsjI6nKsrqQysCOCCDVc+FdKfTINPuEurqC3uku4/tV9PO6yowZTvdyxAIBwTj2pR037p/l/kEtfut+f+Zxp1C78IeONe0+xub/AFC1h8N/2qkF7eSXBM6SSKdrSElQwAyoIXjgCs3w83iq4g8NavYaf4mlu7qSGXVLu91K3azuIJBmQrB9oYRgZBXZGrADHcg+m/2Jp/8AwkD62bfOoPaizaYu3MIYvt252/eJOcZ96ztP8EaJpN1HNpi39osUhkjtodUuVtkJJJAgEnlhck/KFx7UR0tf+tW/ysvlYJa3t/WiX53fzOgrjfHVhrt3f6PLpsF9faTC8n9oWOmaj9iuZCVAjdZN6blX5sp5i5JB5xiuyrM1bw/Ya2YmvftUckWQstnezWsmD1UvE6sR0OCcZGaTGjiNYbS/FnwS1aeym1orZ2V4oiurqeG5ilRHBhmCsDJtPykOXBxyW6na8O+FbT/hB4ksb/VYpNQ0xI/PbVrmbyt0Yw0YeQhCCcgrj8q6HTtD03StHGlWNpHHZBWUxNl9+7O4sWyWLEkksSSSSc1n6b4c0/wjYTPoNpqU6xxbY7EajLKuB0SNJ5fLT8No7U3b3vO363/MO1ul/wBPyscXo+vat4mTwloBvZ4NQs5ZZdeeGQq+LQ+WUYgg4kkKH3XPaug8V/8AJSPA3/Xxef8ApOaf4L8MS2Ot694n1SwisNT12dGa2Rw5ghjQKisV+UueWbaSMnGTjNXdT8B6Hq+rJqd8dUa7jYtE8Ws3kQhJG07FSUBMjg7QM0220r77v1JstbbbL0Of8YanqN18RLHw/HY61d6cmmvfSw6PeR2ss0hkCLukaaJgqjJwrclhnIFbfgJdei0W6g8R297CYbyRbL7fNFLO1tgFPMaN2BYZK5JJOMnPU6Oq+FtJ1pbT7fDOZrLP2e5hu5YZ4wRtIEyMHwR1G7nAznFXNM0yDSbMWtrJdSRhi266u5bl8n/blZmx7ZpR0X9d7/loN6v+u39MqeKtUuNE8IavqllEJriys5Z4oyCQzKhIBx7iuGvIrnw7oPhvxJZ63qt7qF7eWkd0k97JLBercMocCEny48biy7FXG3HTNenMqupVwGVhggjIIrn9L8CeHdHvYLmwspVa2LG2ilu5pYbUt1MUTuUi6kfIowCQOCRRHSV35fhuvmD1VvX8dvuOS1HQtRk+NliieK9XiaXRbqVJEis90S+fD+7XMBG3kcsC3yj5uufSoI2ht445JnndFCtLIFDOQPvHaAMnrwAPaqz6RYya5FrDwZv4bd7ZJt7cRsysy4zjkqpzjPFXaFpFL1/Nv9Qesm/62RynxN0uHU/hzrnmtdhoNOuZIxbXUsO5hE2AwjYbx/stkH0qvoeh2WmfD43VnPfytcaQC32nUri5T/VZ+VZHZV/4CBXYyxRzwvFMiyRyKVdHGQwPBBHcVi6R4P0fQ7SW101LxLWSHyPs8uoXE0SJ/dRHcqgxx8oHFRKLcZJdf+D/AJlJ6xfb/gf5HmugxXfhzwd8M9Tt9W1KefUp7OzuI5LpvIMEkDYQQj92NuFwwXcccscmrE974g8S6h4olttP8Ty3Vjfy2WmSaZqMFvb2piUbS8bXCeaWY7m8xGGCAOOK9GPhTRTpukWBsv8ARdFkilsI/Nf9y0alUOc5bAJHzZz3qG/8F6LqGqTai8d7a3dwqieTT9RuLPztvClxDIocgHGTk44zgVpN80m+9/xt/k/vIjokvJfr/wAD7jR0WS/l0Gwk1iHyNQa2jN1ECDsl2jeMqSOuehxXOfE/VbrSfB6NZT3ML3N9bWziyVmuXieVRIsIUFvM2bsY5HJHIrro4xFEkaliqKFBZixwPUnkn3Ncl8R9D1DXtF0+HTrdrqK31KC5u7aGVYZ5okJOIZCRscNtIIZDgEbhnlSd5X81+Y4qyt5foZHhHTrgeMNc1Oxl8SDQhZRxWia1d3f+v+YyFIrht+3Gz5mHXO04zUHgLw/qms+BvDGvT+KtXbVCIriWWa5keKWHvC0IYI2VOPMYF885OAK0PDOja0njCS7W21nStB+wmKay1rVTfSXE5bIdP30ojCrkE7gTu+7xmux0nSrPQ9JttM0uHyLO1jEcMe4ttUdBliSfxNNaa+n4N/16aMW9/wCui/r11PNfHGspd2viW90GHxTdXejRSKb+w1EW9pZzRx79piMyCUKcFsxyZ3FcnAUXbpr/AMR+PPDdlPq9/Z2V14fkvLu3sbhoBO4khwNykMnLdVIbHGcEg9HqHw78L6rdXs19pzyC/bfd24u5lgnfbt3vCHEbNgD5iucgHOQDWZqvgn+0fiDpE5ivIdHsdHmtRLZ6jLbOjmSIohaN1cjareo455xShur/ANe7L9bfqVLVaf1qrfcrnI61Nf3vhG50r+0bkrp/jO1sbK+kbzpkTzomBLPneyM5UFs52jOa6zQzNovxavfD0F9f3NhLosV9svbyS4KTec6MVaQkqCMfKCF44Aro/wDhE9EGjWelLYIllZTx3MESOy7ZUferkg5Y7vmJJO45Jzk1aGi6ePELa4Lf/iYtai0M+9uYgxcLtzt+8Sc4z7046W/q/upfmriet/6+1f8ALQvUUUUgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqC/vI9P065vZgzR20TSuEGSQoJOPfip6y/E/8AyKOsf9eM/wD6LNRUk4wbXYqCTkkzB034kWl7FpFze6Jq2lWGsmNbG+vFgaKRpADGp8qV2QtnjcAM8ZzxU+qazrel/EDQ9OafT5tK1eSZBELR1nh8uEvnzPNKtkj+4OPzrm/BPhTUPEHgPwa/iDVbWfSrG1tLy3srWxaJ2kSNTH5sjSvvC9cKqZOD04MvjPxZ4ctPiZ4Sju9f0uB7G4u/tay3sam33W5A3gn5ckjGcZrWaUZNef4f1czTbjfy/E73Vda0vQrVbrW9Ss9Ot2cIs15OsSFiCQuWIGcA8e1ZXiPxvovh7wjNr76lYSwG3eazBvERb1lQsEjfkMWxgYz9DWBqmq6do/xZtdY8R31tbaTcaP5WmX1zIq26TGQtIoc/KrOmwjkbgpxnFUdK0+41D4e+Pf7JtmGnatJePo8SIQJUeAAui4zteTew9d2RwQTnJvkb8n+Dtb57mkbc6T2uvxV/+Adfonjfw9r2lm8sda02ZorYXN1FBeJKbZduTv2nIxyMkDpTdE8Xf261vNb6Dq8Gn3Q3W2oTxxCKVeqtsEhlUMOQXRe2cZFUvCviXw3r/giC2t9QtL8Q6YgvbKJxLNGvlgMrxLlgeoxjOeK5HTNRs/DuvaJpnw58YDxFp1xdiGfQjcJffYrc4BkSVf3kSRgAAOzL82OtayS9o4r5ff8A1b53M4t8ib+f3f1+h1D/ABW8LQ+MrjQ7jXNHhhgtFma9fU4gvm+YyNDgnAYBQTznnpXVwapYXN4bW2vraW5EKzmGOZWfy2+6+0HO044PQ1xWqavp3hv4y/bvEF9b6bZ3uhLBBc3cgiiaSOdmZN7YXdh1OM5xmm/EDUIPCuo6R8QEBms7WN7O/aD599vKAY2GOoEoTn0c1mn7qb8/zaX6fItr3ml5fkr/AK/M7G4un1C2u4PD+pWK31vIIpGlj+0rA/BKuiuhztPTcOoNZvgPXb3xJ4NtNT1RYFupHmST7OjIh2SsgIDMxGQoPU1R8JQ2ngrwDb3Pia+tbCe7c3uoXF1MsSfaZ23sCzHHBO0f7ornvhzrFvqnwhutO8N6tZz6zHDetHDBcI8kTNLL5bFQcgElSCcUSvFPy/MStK3Zv8Dv7bxHol7q82lWesafcajBnzbOK6Rpo8HB3IDkYJHUVpV4p4XitdV0vwhpUnjLwzZXWj3EMselLp5hv45UBEkLB7ksGb5wx2c5JxXtdW1YSdylqutaXoVqt1repWenW7OEWa8nWJCxBIXLEDOAePasvxJ420bw74Rl16XUbCSE2zzWYa8RFvWCFlSNuQxbHGM9ehrJ8eRWFvreia1N4osvDmoaf5y282pxK9rMkgUOh3MnzfKpG1w2M9Rmqtle6h4u+Cuss+m28F5d2d7DGLFW8m7YhwJogQG2yE7hnJO7OTnJyk3ySa3X9f1+RpFLnin1/r+vzOl8O+L9E8U2aPo2rafdXJgSWa3trtJmg3DowU5GDxziqHhjWtaufFmvaJrs1hcnTUtnins7V4NwlViQytJJ02joad4I8VaDrHhexTTdXsp5rWwia5gWdTJb4QA+Ymcpggg5x0rnvC3i3w5efFvxOLTxBpc5vYrFLURXsbfaGVJNwTB+YjPIGcVrJJTaRjFtwuz0qiiuU8WaJqeqX8MmnWX2hFj2s3/CT3umYOTxsgRlb/ePPaoLOrorF8LafeabpLQ6hb+RKZSwX+17jUeMDnzZ1Vh/u4wPxNbVUBztp4iudU8bXelaZbxtp2loFv7xycm4YBlhj7EqpDMecblHXODxH4iubDVNM0XRLeO61bUXLASk+Xb26EeZM+OcDIUDjLMB61lfC8lNN1+3uD/psOv3v2kM2TlpNyH6GMpj2otyYvjve/ajg3GgQ/Y8twQk7+aAPXLRk/hSWvL5q/4X/wCB6eeoPTm8nb8bf8H18jd8VeKLTwlpC395bXV2ZJRDFbWaK0srEE4UMyjhVZjz0Bqj4k8Vvp/h7R9V0cQzxalf2UCtKCQYp5FUsMEc7WyO2exrH8QT6tq3xTsrXQ7Gxv49BsmubhL27e3QTXGY0wyxSZYRrJxgcSda4e7cR/DJvC/iqK2jXw74ksrW7R5S8K2bTI8ZZ2C5Ty327iB93kCiOrXqvuuk/wCuwS/R/fZtHtOl69pGued/Yuq2Oo/Z22zfZLlJfLb0baTg8Hr6VHaeJNDv9Wm0ux1rT7nUIN3nWkN0jyx7ThtyA5GDwcjiuT0u6sNc+KX9q+G5obvSbbRGtLq8siHheQyq0caumQzKoc4H3dw9aw/C2px+HtY0DwvoGtaP4r0tZ5USCOILqGlLtJEkhQlcLlkYskbZcDkkimtWvP8Aza/4P6g9L+X+V/8AgfodM/xW8LQ+MrjQ7jXNHhhgtFma9fU4gvm+YyNDgnAYBQTznnpXT3WuaTZQrLe6pZ28bQtcK8twiAxDGXBJ+6Ny5PTketcdqmr6d4b+Mv27xBfW+m2d7oSwQXN3IIomkjnZmTe2F3YdTjOcZp2v2tjqnxh8GzTRQ3UcVhfXNu5AdQw8na69s4PB/GlHVLzv+F/8hy0k/l+S/wAzrrfXdIu9HbVrXVLKfTVVma9juEaEBfvEuDtwMHPPGKNJ17SNegebQtVstSijbY8lncJMqtjOCVJwcVzHjGW08D+G7u/0rTrUNqOqRS3M13ue3t5XZQbmQZ4VdqngqM4ORkmud8M6ld6v8TtensdZ07VZZPD8aRXumWbwW8kiyyBcFpJBKVJxuVsD7vBBpX7f1ZX/AK/pBbT+urt/X9M9GTxHokutto0esae+qJ96xW6QzrxnmPO7pz06Vzj/ABW8LQ+MrjQ7jXNHhhgtFma9fU4gvm+YyNDgnAYBQTznnpVD4Z614cj8H6NoL3FtFrsSD7ZpsxH2tbscyu8Z+fO/c28jGDnOKl1TV9O8N/GX7d4gvrfTbO90JYILm7kEUTSRzszJvbC7sOpxnOM1VrSSv3/J/wBf1YW8W/T81/X9XNrVPGsNj4gtdG0/SNQ1m7urM30f2BrcJ5IYLu3SyoDyw6Z61Np2vt4q0K4m8OTLp99BMbeaLUrQyNayqRujkjWRcnB6h8cggkVymtDUbz446W/h6/sbeR/Dkzia5tWuY3Q3EfQJJH14OdxGO3NdJpOnaV4B0W8u9Z1e3je9ujdX+o3jpbpJO+Bxk4VeAFXJIAHJPJS+G78//SrL8PxB76eX5X/Mk8B67e+JPBtpqeqLAt1I8ySfZ0ZEOyVkBAZmIyFB6mr9r4m0K+1aXSrLW9OudRhLCWzhu0eaPacNlAcjB4ORxXnXgfVYtY+CeoaX4W1a1n1tLe+McNtco0sTNLL5bEA5XORgn1FRPqeh634Y8H6N4Pe3k1qwvLRxaQ4E+nLGwFwZVxmL5d6NuAyWxySKI3bt6fj1+X9WE9F9/wCH+Z1D/FbwtD4yuNDuNc0eGGC0WZr19TiC+b5jI0OCcBgFBPOeelaXizxFdeH9Gt9csoYb3SoZFk1EqSzrbEcyx44O3IYjuoOOcVh6pq+neG/jL9u8QX1vptne6EsEFzdyCKJpI52Zk3thd2HU4znGa63W7uyTwrf3d1JG1iLOSSSQMNrR7CSc9MEd6lytT5u1/wAG/wCv6uWlepy9NPxS/r1+4vxSxzwpLC6yRyKGR1OQwPIINK7pFG0kjKiKCzMxwAB1JNc38N4Lm2+GHhuK+3+eumwBxJ94fIMA/QYFbGt/8i/qP/XrL/6Aaqt+75rdLk0vf5b9SK18TaDe6kunWet6dcXzRiVbaK7jeQoVDBgoOcFSDnpgg1j6prOt6X8QND05p9Pm0rV5JkEQtHWeHy4S+fM80q2SP7g4/OvPvDdzomo/D/4f6F4RnsrjVbe5sry5isHV3tAoDXEku37mQWU7sEl8cniui8Z+LPDlp8TPCUd3r+lwPY3F39rWW9jU2+63IG8E/LkkYzjNVJcrt52/LX8fwJTuvlf8/wDI73Vda0vQrVbrW9Ss9Ot2cIs15OsSFiCQuWIGcA8e1ZXiPxvovh7wjNr76lYSwG3eazBvERb1lQsEjfkMWxgYz9DWBqmq6do/xZtdY8R31tbaTcaP5WmX1zIq26TGQtIoc/KrOmwjkbgpxnFUdK0+41D4e+Pf7JtmGnatJePo8SIQJUeAAui4zteTew9d2RwQTnJvkb8n+Dtb57mkbc6T2uvxV/8AgHaeG/F+h+KbWN9I1XT7u48lJZre1u0meDcOjBTkYPHIFbdcx4F8T6JrvhvToNJ1W0urmCyh8+2jmUywHaAQ6Z3KQeMEDmrGkeMtP1rxbrfh21hu0u9E8r7Q8sW2N/MUkbDnJ6dwPbIrWSXM0jOLfLdljVfFvhzQrpbbW/EGl6dcMgdYry9jicqTjOGIOODz7VLdeI9EstIi1W91jT7fTptvlXkt0iQybhkbXJwcjpg147qt9Dcal4+8PahqXhnSoNX1ERyTa5qPlXUKeTEvmLCUxIuBujO9cGui8VS3GjfEXQtRfW9M0zS49Ie2s9R1e1ae3WcsCw3iWNUd41GCTyFYCs1qk+/+V/8AgFvRvy/zS/4J2PiTxto3h3wjLr0uo2EkJtnmsw14iLesELKkbchi2OMZ69DTdK8d6BrGhy6hp2qWN7Jb2f2u5tbK7jmkhG3cQQDweo5xzXNaboat8J/Flvo2tafr/wDaq3ssLaTEEgSSSPBiRRJJ/Hk9erdKu6Z4n0TXfhbPBpOq2l1cwaIfPto5lMsB8nBDpncpB4wQOaU24xk+qSf4McUnKK7t/mrFnTfiRaXsWkXN7omraVYayY1sb68WBopGkAManypXZC2eNwAzxnPFT6prOt6X8QND05p9Pm0rV5JkEQtHWeHy4S+fM80q2SP7g4/Oub8E+FNQ8QeA/Br+INVtZ9KsbW0vLeytbFonaRI1MfmyNK+8L1wqpk4PTgy+M/Fnhy0+JnhKO71/S4Hsbi7+1rLexqbfdbkDeCflySMZxmtJpRk15/h/VzNNuN/L8TvdV1rS9CtVutb1Kz063ZwizXk6xIWIJC5YgZwDx7VleI/G+i+HvCM2vvqVhLAbd5rMG8RFvWVCwSN+QxbGBjP0NYGqarp2j/Fm11jxHfW1tpNxo/laZfXMirbpMZC0ihz8qs6bCORuCnGcVR0rT7jUPh749/sm2Yadq0l4+jxIhAlR4AC6LjO15N7D13ZHBBOcm+Rvyf4O1vnuaRtzpPa6/FX/AOAdp4b8X6H4ptY30jVdPu7jyUlmt7W7SZ4Nw6MFORg8cgVYtPEmh3+rTaXY61p9zqEG7zrSG6R5Y9pw25AcjB4ORxWT4J8T6Hrvhaxg0vVbW6uILCL7RbQzBpoPkAIdAdykHIwRnNcb4W1OPw9rGgeF9A1rR/FelrPKiQRxBdQ0pdpIkkKErhcsjFkjbLgckkVrJLncV/X9f0zOLfJd/wBf1/SO58R+Irmw1TTNF0S3jutW1FywEpPl29uhHmTPjnAyFA4yzAetO8Y69e+GdLi1iC2judOtZQ2prg+bHbkYaSPHUocMQRyoOOayLcmL473v2o4NxoEP2PLcEJO/mgD1y0ZP4V0+vz21t4b1KbUCq2sdpK0xY4GwIc8/SspS5afP6v7m1+n5+RolefL6fiv+CXYpY54UlhdZI5FDI6nIYHkEGn1y3w8W4sPhT4f/ALREnnQ6XC0gYZcAIDjHc44pdE8X2XjX4eS+INGtr9beeGcRwvGFnJTcpCgEjJI4waqp7jlboRT95Rb6lw+N/Cg1L+zz4n0YXvm+T9mOoReZ5mcbNu7O7PGOuatX/iPRNL1CCx1PWNPs7y5x5FvcXSRyS5OBtUkE5PHHevI/ANzZ65beA7K71rwnbvocYlghsdSEt7cOYSvlmJkQxHDFnGXJZeg60+djBqnjbSPEvijw3oTateyFk1uwJkubVkCRNHI1xGrqqgqAFO1lOeTTkuV29fna33bjVn+Hy3/y/E7/AMWfETRPCWpaZY39/p63F5dpDNHNfJE9tEysfOZTztyoHOBz1rfsNa0vVdON/pepWl7ZrnNzbTrJGMdfmUkcd64bxdENF8K+Cbm8vhd2mkanZvd6iFwhjETx+c3J2qS6kkkgZ61seL9Qh8R/CnxDN4Vv7fUPM0+4jimsp1kUtsOQGUkZqZPljJro3+SHFc0orul+bLnhbxHca/pNzrl3BFZaRI5fT2kJDyW6j/XSZ4UNgsB2XBPXipZfEOxup9PM+l6pY2GqS+Tp+pXUUaw3LHOwABzIm8Ald6Ln6kApd2g8RfBmWz0EqRfaGYrTDcHdDhRn8QK88Mtt4y03w3brqUd54iS+tCul2xIGiRQyq0rSRn5lcBNhkcDJYKoUMQb5bVHDs0vxab/XsvwITvT5u6b/AAuv63PTr7xHdaR43stM1OGFdL1VPLsbtM7luVBZopM8fMoypGOVYHqKf4x1698M6XFrEFtHc6dayhtTXB82O3Iw0keOpQ4YgjlQcc1k/FL95oWkW8JIvJ9csRa7Tht4mVmI+iK5Ptmum1+e2tvDepTagVW1jtJWmLHA2BDnn6VnKVoOXZv8En+tvTzNErzUe/8AwV+n3l2KWOeFJYXWSORQyOpyGB5BBp9ct8PFuLD4U+H/AO0RJ50OlwtIGGXACA4x3OOKXRPF9l41+HkviDRra/W3nhnEcLxhZyU3KQoBIySOMGqqe45W6EU/eUW+pcPjfwoNS/s8+J9GF75vk/ZjqEXmeZnGzbuzuzxjrmrV/wCI9E0vUILHU9Y0+zvLnHkW9xdJHJLk4G1SQTk8cd68j8A3Nnrlt4DsrvWvCdu+hxiWCGx1IS3tw5hK+WYmRDEcMWcZcll6DrT52MGqeNtI8S+KPDehNq17IWTW7AmS5tWQJE0cjXEauqqCoAU7WU55NOS5Xb1+drfduNWf4fLf/L8Tv/FnxE0TwlqWmWN/f6etxeXaQzRzXyRPbRMrHzmU87cqBzgc9an1bx7oun6DbatYSf25b3V5HYwf2VNFLvmdtqruLqg565biue8XRDRfCvgm5vL4XdppGp2b3eohcIYxE8fnNydqkupJJIGetR/EvVbTXfCmg3XhvVLG7VvEdikV1C4uIVcSjrsYbsHGQGB9xRbW395L5e7/AJh0v/dv89f8jqtJ8Ww6nrM2jXWnX2j6pHD9oW1v1jJlizjzEaJ3RgGIBG7IPUDIqp4Y1rWrnxZr2ia7NYXJ01LZ4p7O1eDcJVYkMrSSdNo6GpdM8Mz2viObxN4k1O3vtRS1NrE8Ft9mgt4M72wrO53EjJYvjAAAGDnm/C3i3w5efFvxOLTxBpc5vYrFLURXsbfaGVJNwTB+YjPIGcUu3f8A4ewns/67Hb6h4m0LSdQhsNU1vTrK8nAMVvc3aRySZOBtViCckY471jeLPiJonhLUtMsb+/09bi8u0hmjmvkie2iZWPnMp525UDnA561yVpq2haTp3jPR/GMludYvr+4Y2VwMzajFJxbiJcbpRt2oAoOCCODVjWor7Rfh/wCALrxK7JJpN/ZPqc7ncIR5Txs7t0ADOMseKUdbN/3fx3+7r+hT0bX+L8P8+n6nZXvjbQbXw+NYtb+LU7aSYW1v/ZzrcG4mY4WJNpwWJ45IA6kgAmprTxGrWlzc63p134fitl3yPqbwhNn97zI5HQD2LAj0wQayvEt14N8UeERNqms2r6SbhTFqdrehUtp15VxOhxGynoSQMkDnODleBdbvZ/Ft7o9l4i/4Szw/BZpJFqpSNmglyF8hp4gElO35843DPOaa1bX9bf1/w4nor/1uaXhb4neHPE09xbR6tpcN2t/NaW9suoxvJcqjYWRF4JDDkYB+prp7bU7C8t5bi0vbeeGF3jllilVljZeGViDgEdwelcP4D1vS9K1TX9A1PUbWz1aTX7uWKyuJljlmSVt6MisQXBU9RnoawvFkM+l+J9W8H2ayRw+OpI5LaRFJWI8Je89j5Shx7saS1UbbtL77L/g3G7Jyvsm/uu/+Adf448R6npXgt/Evha+0ue1giExE1u1wtyrMoUpIkqhRgk5w2eK6ySeKC1e4uZEiijQvJI7BVRQMkknoB615/wDFzUtE0P4W3+kS39lZSvaolpaSzqjyKrKMIpOWwB2pnxGv4df8BWN94f1GyvtLg1S3lv54k+2wCCNssXWNgWVWCMwBHCnPFN2vZbX/ADdhK+l+zO50nXNJ163e40PVLLUoY22PJZ3CTKrYzglSQDgjisu08RXOqeNrvStMt4207S0C3945OTcMAywx9iVUhmPONyjrnGD4RW31Xx5da9D4z8O63cHTxaz22iwBCVEm5JHP2iUnHzAcD71WfheSmm6/b3B/02HX737SGbJy0m5D9DGUx7U1v8m/xt+t/wCmJ7fNL8L/AKWNS+8R3WkeN7LTNThhXS9VTy7G7TO5blQWaKTPHzKMqRjlWB6itu+v7PTLN7vUruCzto8b5riQRouSAMseBkkD6muR+KX7zQtIt4SReT65Yi12nDbxMrMR9EVyfbNW/iZNoFt8PdRuPGGm3Gp6RD5bz21spLtiRcEYZcYOCeRwD9Km/u3fe35P9SrXlbuv81+h1fWiq+n3VvfaZa3dl/x7TwpLF8uPkZQRx24IqxVNWdiU7q4UUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUhIVSWOABkk9qNgFornNA8Yx+ImgmstF1RNNut32XUpY4vJnAzghVkMiAgEguijp0JAOAfGuvp8T7vSl8NaxPZRaWkyWiPZBi5mdfO3GcfKQAAC2eOVHWjqkHRvt/wAMehUVw3xUjkHw8vdXguNS0++s4Q8Jtr+WAozMuQ6xOFf053Driu4TlF+lAC0UhIVSWOABkk9q53QPGMfiJoJrLRdUTTbrd9l1KWOLyZwM4IVZDIgIBILoo6dCQCAdHXPa94auvEWoW0d/qMa6JBLHcPYR22HuJEbcoklLkGPcAdoQEkDLYyKr6n49s9PutQSDS9T1G30ogajeWccbRWh2hiCGdWcqpDERq5APrxWX408aappt34aOgaZfXVnqGoQq1zbm2KXcTxyN5S+ZIGDHCnJCjA+92It16r8dv+B+AdH6P8NzvaK47xV43u/D/g+PVZdKfTJ7i8js1GqyR+Xa+Y20TStE7jyx1+8CeBlc5Grp1xrkGmzXV/LY66rRiW2OkwfZ2lBH3QJJmU5GCG8wA56dydGwNyiuB8B+Mdc1t9Qj1PQNUdU1e6t1umazWO2jVyFjcLNuJUcEqrZ9T1rct/G2ly6PrmozrPaRaDNNDfJOqh0Ma7iQFJyCpBXnnI6UX0v5X+Wn+Y7a287f19x0VFeffEWc3/wrl8R2kmraXdxWqXFusd7LbPHvZOJFik2scHGG3Y5rr9a12z8PaMdQ1EyFAyRpHEheSaRyFSNFHVmYgD684GTQ7p2e5Kd7NGlRWFo3imLVdWuNKutOvtJ1KCJZzaXwjLPETgSK0buhGcg/NkHqBkZzdBv73xN4y1PUUvJItF0iV9OtraNsC5nGPOlf1Ck7FHsx7ijd/wBf1vp6j/r+vlqdfRXCWHivWvEfizW9N0W90awOjXHkNYX0Dy3VwAFJl+WRPLjbcArbX9f9ml8d+K9b0LVPD1vpmkX8sd1qcUU8sDWxS4UxyEwr5kgYNlQdxCjj73Ym9vO347B38r/gd1RXO3fi9NLsdPudZ0fUdOF9fJYhZjA5hZzhGcxyMApOBkEnJGQKuf8ACQ2kni1vDccc8l2tl9slkQDy4kLbFDNnO5iGwADwpPHFHp/Wl/yD+vxt+ZAnhlbbxrJ4hsLp7f7XAIr+127kuivEcnX5XUZGe4IB6CjxH4ZXXZ9Ovbe6ew1PTJ/NtbtF3bQcCSNlyNyOvBH0PUVi+EInsPiF4r0uO8v57O3isnhjvL6a58surltplZiMkDv2q9qfj2z0+61BINL1PUbfSiBqN5ZxxtFaHaGIIZ1ZyqkMRGrkA+vFGit5Bq2zqaKitrmG8tIbm1kEkMyLJG69GUjIP5GsTxzr114Z8G3urWEcMlxbmPasykqd0iqcgEHox70PR2Yrq1zoKKRtxU7CA2OCRkA/SuH8O6z4svvHmsaLqWoaM9ro4t2ka30uWN5xKhbAJuGCYx1w2fajrYfS53NFee+G/iBqOp6j4ntNTgtIjp9xeJprRKw85LdtrhwWOWG6MkjGQ/A4ptr4w8R6z/whsGmy6XZT69pD6hcy3FlJOqMqxHaiiZCBmQ9SegoWqTXl+N3+jB6Oz8/wt/meiUVx3ivxNqngvwfFealPp91ezXcdr9s8h7a0t/MbaJZVMjkIvf5uTgZXORfjvdbsfDmoajf32lamsdo1za3FlbPCjYQsAVMkm4HAO4OM56dym0ouXRf8ONJtpd/+GOiorzWx8a+J7TQfC2v62+k3tjr8ltC9rZWUsE1u1wAVKs0sgkCk8javHIPGK04PEPijxFHqeo+Fv7Jj0+xuJba3hvIZJJL94mIciRXURKWBUfLJ03HrinL3b36Xv8rf5oS1t5/rf/Jnb0V574k8cauvwut/GvheSwiga2jne0v7R5mYuyrtDpKm3aSc8NnHap/GXiXxP4T8P6M1uNN1XVL/AFSO0YLayQRujK7YVTKxVvlAyWI56UPR2fewb7Hd0VyI8WXOp+KtO03Q5bT7HqWhy6jBcywtIVcPGqZAdcriQ5Xg8dRVDRNY8Zah441nRLnU9CEOjm2aSSPSJg06yqWIGbkhCAMZ+brnHanZ/wBeTsH9f1953tYnibw2vii1trG8unj05Z1lvLVFH+mKvKxM3ZN2CwHUDHAJrn7DxXrXiPxZrem6Le6NYHRrjyGsL6B5bq4ACky/LInlxtuAVtr+v+zWr43i1ePw+uraDcSR6hpLfaxarJ+6vFUHfC/qGXOD2baam6SUntv/AMEdm24rf+tDpgMDA4FQX1t9s0+4td+zz4mj3YztyCM4/GodL1a21jQrTVrJi9rd263EZAySrLuHA781S8JeKLLxn4Ytdd0uK5htbndsS6j2ONrFTkAkdR2NOUb3i/mKMrWkifw3o/8Awj3hbS9G8/7R/Z9pFbeds2eZsULu25OM46ZNadFFNtyd2JJJWQUUUUhhRRRQBw48C6vYQ61ZaDr9nbafrNzPczLd6WZ543mHz7ZBMikf3dyNjod1dToWjWvh3w/Y6Pp5kNtYwJBEZW3MVUYBJ9av0ULRW/rTYHq7/wBahRRRQAUUUUAFFFFABRRRQBheI/DK67Pp17b3T2Gp6ZP5trdou7aDgSRsuRuR14I+h6ineJvDa+KLW2sby6ePTlnWW8tUUf6Yq8rEzdk3YLAdQMcAmtuigAAwMDgVS1nSoNc0K+0m7eRIL63e3kaJsOFdSpIJzzg+lXaKTSasxp2d0cKfAOqX2n6PpOua7Zz6RpM0E0cNnpjW80hh/wBWGkMzgDIBO1FJxgEA13VFFVdsmyQUUUUhmH4X8Mr4Wgu7Kyu3k0ySczWdo6/8eYblo1bPK7iSAemcdK3KKKAMSXw0l34yh1+/unuPscBisbQoAlu7cSS+rOwwoPGBkDqaPE3htfFFrbWN5dPHpyzrLeWqKP8ATFXlYmbsm7BYDqBjgE1t0UAAGBgcCqWs6VBrmhX2k3byJBfW728jRNhwrqVJBOecH0q7RSaTVmNOzujhT4B1S+0/R9J1zXbOfSNJmgmjhs9Ma3mkMP8Aqw0hmcAZAJ2opOMAgGu6ooqrtk2SCiiikMKKKKACiiigAooooAK56y8NXR8VHX9d1GO+uIYnt7GGC28mK1jcgscF3LSHaoLZAwMBRznoaKOtwCiiigArCTwytt41k8Q2F09v9rgEV/a7dyXRXiOTr8rqMjPcEA9BW7RR1uBiS+Gku/GUOv3909x9jgMVjaFAEt3biSX1Z2GFB4wMgdTTvEvhq38VWC6fqN3dx2DN/pNrAyqt2uQdjsVLheP4GUkEgkitmigOtxsUUcEKRQosccahURRgKBwAB6U6iigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKhuL21tZII7q5hhe4k8qFZJAplfBO1QepwCcDsDS3NzBZWstzeTx29vCheSWVwqIoGSSTwAPWgCWikR1kjV42DowBVlOQR6ilJCqSxwBySe1GwBRVbT9RsdWsUvNKvLe9tZM7J7aVZEbBwcMpIOCCPwp9xe2to0K3dzDAbiQRQiWQL5jkEhVz1OATgc8GgCaiiigApGzsO0AtjgE4BpaKAPNNK8N6jY+LNNk8MaHqnhixjnlk1OGXUIpLC4RhkrFAsr7WL4IYJFgbs8nbWzq1pq+lfEhPEWn6NcaxZ3GlCxmjtJoUlhdJS6tiV0UqQ7Dhs5A4rsqht721u3nS1uYZ3t5PKmWOQMYnwDtbHQ4IODzgijtbp/wAMD1vfr/nc5D4lR6vrHgi70jR/D99fXGoQDDRzWyLAwZTtcvKpzwfuhh7101he3d5pJnk0u40+5AYLbXjxFiQOCTE7rg/XPtV+il0YdjB8IXfiW98KQT+M9OtdP1pi/m21tJujADEJyGbGVx3P9ByWleG9RsfFmmyeGND1TwxYxzyyanDLqEUlhcIwyVigWV9rF8EMEiwN2eTtr0skKpLHAHJJ7VnaT4h0XXxKdC1iw1MQkCX7HdJN5ZPTdtJxnB6+lV9rmQdLHnr+DJ9N1rXo73QvEGtWWqXkl5FLpGvNbJtlHzxSQtcxDIIPIDAqRkjGK3/E/h25Xw34cHhvTXk/sG+trmPTmnUSNEiGMxh3baWCv3bBK/ertKhN7arfJZNcwi7eMyrAZB5jICAWC9SASBnpyKS0SS6W/DYHq231v+O5lXGpXt1oDTS+FryXzGMU+mTy23nPGQQSP3hiYHjguOM98A814L8MXGl+NNR1TTtCfwvolxbLGdKaaM+dcAj9+IoneKMbQF4OTySO59AoJCqSxwBySe1GzuG6scV4WttY8Oaxq+mXOhXVxZ3urT3sGpW88BiVJiHw6tIsgKsSOEbtWB4w0W5ufiha6NZBJNO8URxz6vGHw0aWbqd2PSQMkR+gr0PSfEOi6+JToWsWGpiEgS/Y7pJvLJ6btpOM4PX0pmmeG9L0nULq/s4JGvLvia5uLiSeQqDkIGkZiqAkkIMKM8ChaOPl/loD15vP/MwPidBq2qeDb3RdE0K81Ka9iCrLDLbpHEQynDeZIp6DsDUPjDR9S8Y+EbOSHSryyvdPv4r1bCe9WCWcR5BQTQSMELBjtO7g4zjqO5opW/r01D+vvON8KaHaQ69LqTeHfEGnXi2xgW51jV/tm6MsGKKPtMuOQD0H1qD4csul3niPwzcHbeWOqTXaqQAZILhjKkg9RlmUnsVxXc1Sm0bT59attXktlOoW0TwxXAJDBGwWU46jIBwc4PIprf5W/X8w6fj+n5HE+O9Gk8TQ3NrJ4Clu9UQeXp+src20a27bsxyCbzFnQKcMQqHkEAMOTd8SaDrcnhjw08C/2vqmh3trdXCCVUa72IUk2s+BuO8sNxAOOtdtUJvbVb5LJrmEXbxmVYDIPMZAQCwXqQCQM9ORQtNF3T+7UHr+K+/QwNcsm8X+A9Rs9RsrnRXniYKLx4i8Lr8ySZjd1wGAbr2rH+Fhv9R8NXHi7WrXZqevFbgxRtnEKIEiVc4GCAXGf+eldXregaf4itFtdXjmmtw2WhS5kiSUd1kVGAkU91bKn0rQjjSGJIoUWONFCoijAUDoAOwoXXzB9DhPDz65H8RNa1K88J6paWerJaxxyyz2beT5SuGLhJ2OPmGNoY+1ZL+DJ9N1rXo73QvEGtWWqXkl5FLpGvNbJtlHzxSQtcxDIIPIDAqRkjGK9TrNHiPRG1w6MusaedVHWxF0nnjjd/q87unPTpzSsrgZOurrugfD+OH4e6PBcahaxQxWthfTfKkYwCCxcZKr/t9up7t+IWl6lrnw6v7HTrT7RfzLEVt0kVdxWRGYBmIHQHqRXQ6hqVjpNk95qt7b2NrHjfPcyrGi5OBlmIAySBVkHIyORTd3d+YWtZGTpes32oSyrd+G9U0sIm5Xu5LVhIf7o8qZzn6gD3rlfDC67D8SNf1O+8KanZ2WsC1WKaWe0byfKjZWLhJ2OCSMbQ34V6BRR1uHSx5fF4N1y38N6/LDZldUGv3t/YxCZB9ogl+UrnOBvRmwGIwwUnGKqSeDb1LXwGNa8H/8JBb6Ror2l7Zf6LL5UxSEDiaRVbBRuQT+tet0ULRW9PwVv1G3d39fxdzmrZVsPCSw6b4Je2tSzJLoiC0jbY2ckKshhOSckFxwSevynldI8H3sGo+IrrRfD7+GtKv9Le3TSGni/f3RXAmEcTtFGNuFyGBPJIHU+n0UpLmvfrp+gJ2t/XmcT4F8A2Wi+HdAl1W1uZNWsbGJGS7v5bpLaXYA5jRnaND1GUAwMgcGqek2vifwdp+qaJpmgSaqkt5PcaZerdQpBGszl9swdxINjM2diPkYxzxXoVFVJ8zbfX9SUrJLseYeJ/Curaf8GbfwVoek3Ws3X2WOJrmGSCONXV1Zi3mSKQCd2MBvfFbHiaw1fxNb+FbiDRrmzex16C6ube6lh3xQorgvlJGU9RwCTz0rt6KL683nf8bh0t5NferHn2jeFtX0v4tNdfZidBhsLlbW5MqnY000Uhi253cMshHGApUZ4xWtoOi39l8R/FeqXMGyz1BLMW0u9T5nlxsH4ByMEjqB7V1dFJaJLt/ncb1bfc888d6NJ4mhubWTwFLd6og8vT9ZW5to1t23ZjkE3mLOgU4YhUPIIAYcnd1fUn8JfDZ7jWrg3l3a2Kws6jc11cFQgCjqS7kADvmumqlfaRYandWVxf2yXElhN59tvyRHJgjfjoSATgnp1FJq8XHuO/vKXYzvBOjz+HfAOi6TcbftFnYxxSAHjeFGf1zWb8MPFWq+MfB39qa7aW1vci6mgVrTd5MyI2A6biSQeRnJzjPtXUX1hZ6pZSWep2kF5ayjEkFxGJEcZzgqcg81LDDFbwRw28aRRRqESNFCqigYAAHQAdqpu8nJ9SUrRSH0UUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUdzJJFayyQwtPIiFkiUgGQgcKCSAM9OTik3ZXBanJQhvEHxUmnyWsfDVv5CAZw13MoZz6EpFtHt5po8dbtYvNH8Jwscapcefe7c5FpAQ8g9gzGNOeoc1oeBtEudC8KwR6ng6pdO95qDA5zcSnc4yOMAnaMdlFRaJpF63jTXNf1aHymk2WOnoWVitsg3FuCcb5GY4POFXNVazS7f1+f4C3Ta6/18tNfUyNQ8Tf2N8YJ7W9fU5bJtChkS3s7O4ulWTz5AXKRI204AG4gZxjNN8G6pqfiGLxe+nXzxuuttHanVrOZxDH5MJKGB2jdRy3GV5OcHv0qeHtnjqbxH9pz5unJY/Z/L6bZGffuz/tYxjt1qpZeGtQ0j+3ZtH1O1S61bUftqvdWTSpCDGiFNqyoW/1ec7h16cUo7a9n/6Vf8v8ipb6d1/6Tb8zO8Fa9BafCYa1dWNjYQWcd1LLb6ZbeTCBFJJuKR5OM7c4yeSawdcuPEWpT+BdU1ibTYbS81u3mjsLe2cywFoZSoacybXwODiNcn6c9H4Z8FX2k+Fbnw3req2epaZPFNHiCwa3k/eszPljK4I+cgYA+pqvD4B1WU6Aur+JRdxaBcRy2scVl5QkVEKZl/eNufBxuG1Rz8uTkC+JN94/nr+gn8LS7S/FafqY+s/FXyr/AF3+z9c8MWCaLM0AsNUnxc6g8agyBSJF8oZyikpJkgnHatLxB8QZbax8MXdlPY6Tp+uxGZ9W1OF5re2zGrJG210AZ93DM6j5D1J41E8L6zpWq6jceF9bsrS11Kf7VNa3+nNchJiMOyMk0ZAbCkqd3IJBGcVralaa7NHA2karZWsyrtmF1YNPFJ7hVlRlOf8AaIwehPNJX5Vfy/LX8f8Ahtxv4vv/AOAT6LdS3ujW1zPc2d20qbhc2JJhmX+F0yTgEYOMtjONzdTYvFuns5VsJoYLkr+6kniMqK3qVDKSPbcPrWR4P8LweEPD66bbyrKWmkuJWSIRJ5kjFmCRjhEBOAozgdz1rdqnZiR5p8MbbxGBrDyarpbWi+IL4XES6ZIJJG807ij+eQgJ6Aq2PU9azrPVPEWjzfEbU9GXTUtNN1OW7k+1o8j3JW1iZo1Csvl8KPnO/lvu8c9ppPhjVNC1y+l0zWLX+yb++e9lsriwZ5UdwN4SVZVABYZ5RsZPWmnwTnR/F1j/AGh/yMks0m/yf+PbzIFixjd8+Nue2c496jVR035bfP3f8itHLXbmv8tf8zI1z4kwQaho+n2uq6Noj6jpw1KS81qT93FGcBEVN8Zd2JP8QwEJwc4rZ8BeLR4v0W6naSymnsbySzmnsJfMgmZACJIzk4VgwOMnHTJ61C3gu7s5NHvdB1eK01PTdPXTpJbizM8N1CAOGjDqwIZQwIfjkHOa6PTI9Riswus3Vrd3O45ktbZoEx2GxpHOffdWml3bz/PT8DNXsr+X5a/iW64zw9/yVrxl/wBe+n/+gSV2LhzGwjKq+DtLLkA9sjIz+dcho3hbxHp3i6+1u71/S7gaiIVuoItIkj+WIMF2MbltpO7kkN9KnqU9il468b3HhZr6aPxH4XtHs7fz49Jv2JursBdxAbzV2FsFVHlvyAcnOBS1O81TUPix4duPD6WsUt54dncy3oZ1t0aWFt2xSDIeg27l65zxg3r74dajMviS007xFHZ6d4ikklug2niW5RnjCFVlL7dnHQoSASAwOCL1z4O1KLV9H1PQ9Ytba607TG05vtlg1wkqExncAssZU5j9T1ojum/6unf8bfpYctrL+tVb9THuviXcaR4Xv5NYGnR6taayNGEryGC0aRtrLMxYkogjbcV3E/KRnnNXfCXjwav4uuPD0us6HrjLZ/bIb7RWwm0MEaN4/MkwwJBB3cg9BjmzJ8PYX8Oy2g1KZdVk1AaqdT8tci8GMP5fTYAAuzP3Rjdn5q29MtvEURm/tnVNLuwyYh+y6bJBsb1bdO+4ewx9aF5/1ov1u/8AgCfl/Wv+VjC8Pf8AJWvGX/Xvp/8A6BJXZ1x2jeFvEeneLr7W7vX9LuBqIhW6gi0iSP5YgwXYxuW2k7uSQ30rsaOgupy+ra7qtz4uXw14cazt7mK0F7d3l9A8yRozFERY1dCzMVJyWAAXoc8YF78QdcsvDk+NPsZ9dsdcg0i4hDukExkZNro3JQMsinndtOR82Oej1jwxeT+JYfEHh/UoNO1Fbc2k/wBptDcw3EOdygqHRgytyCG7kEHtQb4eI+jR276kz30msQave3jQD/SJY3VioQEbFwgUDJ2gDO45JI9L/P8A8CX/ALaOXW39af5kuha9ra+Obvwz4jk0+5mXTotQhnsbeSEANIyMjK7vnBAIbIznpXXVhL4a2/EKTxR9r+/pa6f9m8vpiUyb92ffGMfjW7R0X9dXb8LB1f8AXRX/ABueYfZfFLfGy+FvrOjxzf2HEyu+kysoi+0SbV2i5BLA5y2cH+6Kta9/bP8AwuTRItINl9rfQblZbm5RjHEPOhJcRhgX5AAXevXO7jB6DV/DOozeK4fEPh/VbewvBZmynS7sjcxTR796nCyRsGB3c7iMMeKsnw68njSy8RTXimS202SxeFYcBy7xuXB3HA/d4289evHJHTlv0v8Ajzf5oJauTXW34cv+RycnxOmsPBNxfamNPj1OHWn0TzJJDBamZZCvmsWJKIEBcjJPBGe9XvCXjwav4uuPD0us6HrjLZ/bIb7RWwm0MEaN4/MkwwJBB3cg9BjmRfhyq6LqVouqul1ca3JrVpdpAM2szNuQFSSHA6HpuBPTrXRaTb6/DLIdd1PTbyMr+7Wz06S2Kn1JaeTI9sCiPn/Wi/W//DBLrb+tf8rf8OalcZ4r/wCSkeBv+vi8/wDSc12dcfrvhbxHq3ijTtXtNe0u2TS5JHtIJdIklP7yPYwdhcLu4JIwFpB0GfFKe9svBN3fQw6PeWdsoe4sdV09rlLj5124/eKFweeVbt0xVzxx4i1Dw14ftLvR7S3u7qe/trRYJ3KI3myBMbh93r1wceh6U3xp4Z1jxX4dk0e21ixsYLmIJdPJpzzMzAg5TEyhRkdCG+tP1PwzqOu6JY2msapatc2mo296ZrWyaJHEUgcJsaViCcY3bj9Ka3S6XX56/gD/AEf5aGdaeLtT0fxJquk+LptPnWy0ddXFzYW7whYwzrIhV3fJG0EHIznpWDpfxZae40K4udZ8MXUWs3McDaTY3Aa7sDL9ws/mMJMHCsPLTBPB457K68Hw33jO71y6uPMgu9H/ALKks/LxlTIzlt+e4bGMe+aj0HQfEehxWenjX7G70qzAijSbS2FyYRwqmVZghYDA3eWM46UR6N/1q/0t/wAOEutv60X63/4Y6eiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqnrDvFod/JGzI620jKynBBCnBBqZS5YtjiuZpFysG58VLZeLrLQbvSdQiN+zra3pMJglKR72HEhkGBxyg5/OvP9KOpaV4J8D+I213Vb/VtUuLCK5F1eO0U8cygMnk58sFVO4OF3ErkkknPV+K/+SkeBv+vi8/8ASc1o1yt+Tt+X+ZF7r5X/AD/yOzqvqF/baVplzqF/J5VraxNNNJtLbEUEscDJOAD0rkdUafX/AIm/8I7d3d5aabaaWt8I7K6ktnuZGkZOZIyr7UA+6GAJYE5wMc1fW8urfDnx1pV/e6lep4fe7gsrn7bMkkq/Zg4SQow87aXK/PuzgZyazcvdcl2b+52/M0ik5qL7pfer/ker21xFd2sVzbtvhmQSRtgjKkZBwfapK5rwRodlpnh3T7qznv5WuLGEt9p1K4uU+4D8qyOyr/wECtyDU7C6vrmytr23mu7Tb9ogjlVpIdwyu9QcrkcjPWtJrlk0jOL5oplmivMvFJ1TR/E2raz4ih1640GOOF7O80TUWRdOQDEhltldfMwxLliso28EYBFS+KNavNU8dabo9naazf6S2lNqLR6NeJaSXDM4RS0jSxMEUc7VbkuMggVK1tb+tL/oy3p/Xp/mj0DUL+20rTLnUL+TyrW1iaaaTaW2IoJY4GScAHpSx3ttLp63yzKLVohMJX+UBCM7jnoMc815nf6RrF78H/E0HiiLV4HsorxtOE2o4nkg8kmMTG3lIlxkqQ5bOMnOcna0/Q7LTPhfcXVnPfytcaGS32nUri5T/U5+VZHZV/4CBUylyxlLsk/vT/yGldxXdv8AC3+Z1ja1paW1ncPqVmsF+ypaSmdQtwzDKiM5wxI5AGc1dryD4PlL+TSm8QnZq2n6HbDSbQnMa2bxIGnjP8Tsw2ucArgL0O5luL3xB4l1DxRLbaf4nku7G/lstMk0zUYLe3tTEo2l42uE80sx3N5iMMEAccVc1yya9X8k7ff/AMN0Ijqr+n5X/r7z16ivPp9T1XQPEnhrWPEVxLa2uqaebLUrZ5sw212qeargAlATiRMjr8vJ4qtBqetWPwV1/wAVXNxcNqN/bXOp28crsfskbKTCijPyhUCnAxySTzUy91N9r/181qOPvNLv/X4PQ7bSPEVjrkuoDT/MeGwuDbSXLJiKSRfvhG/i2ngnpkEc4NRad4y8MaxfLZaR4j0m/umBKwWt9FLIQOT8qsTxS+EtOtdJ8G6RY2AUW8NnEqFBw3yglvqSSSe5NYniX/kqfgn6X/8A6JFXJcsuUlSvG6OzorynxxrKXdr4lvdBh8U3V3o0Uim/sNRFvaWc0ce/aYjMglCnBbMcmdxGTgKNqXVr3TvEvhjW728lGm6xp5tLuIyHyYrjZ50cgXOASBIpP+6KhNNX/rW9vvsW1b+u1r/dc7ymyyxwQvLM6xxxqWd3OAoHJJPYV5zpustbfDubXPEd3qrP4iv/ADLS1tJj5wjlfEFvDkjy90YUkgrgsx3KeRnWd7fW2s+KtFe11qxsT4dN4lrrN+LyRZCZELJIJpSFIA+Ut1BOBnlSbin3S/FK7Q4pN/1te1z0HS/F/hrW7z7JoviHStQudpfybS9jlfaOp2qxOKhufFS2Xi6y0G70nUIjfs62t6TCYJSke9hxIZBgccoOfzrz7w7p2reLfA/gC0h0S40yHSlsr1tVuZYPmSOMfLCEd3y+cfMEG3OeeK6zxX/yUjwN/wBfF5/6TmtJR5W152/4JmndX8rnZ1X1C/ttK0y51C/k8q1tYmmmk2ltiKCWOBknAB6VyOqNPr/xN/4R27u7y00200tb4R2V1JbPcyNIycyRlX2oB90MASwJzgY5q+t5dW+HPjrSr+91K9Tw+93BZXP22ZJJV+zBwkhRh520uV+fdnAzk1m5e65Ls39zt+ZpFJzUX3S+9X/I9XtriK7tYrm3bfDMgkjbBGVIyDg+1SVzXgjQ7LTPDun3VnPfytcWMJb7TqVxcp9wH5VkdlX/AICBW5BqdhdX1zZW17bzXdpt+0QRyq0kO4ZXeoOVyORnrWk1yyaRnF80Uxn9sab9nvJ/7RtPJsWZbuTz1227KMsHOcKQCCc4wDViC4hureO4tZUmhlUPHJGwZXUjIII4II714hppS68fazpfiE+T4cufFUpLA5S6vFjhMUEv91ONwHIdgFOMAN2HjDU9RuviJY+H47HWrvTk0176WHRryO1lmkMgRd0jTRMFUZOFbksM5AqVrGL7/wCV3/Xo+pb0bXb/ADsv6/yPQ6K8suB4t074e3GpXv8AatrPoGqfbLaK4ukkmurBCC0cxidg52M4+YkkoCcnmuh8PX8/iTx9quq219K+iafBHY2scch8meZgJZJcA4YgNGoJ6fNjvTWv9eX+enqS9P68/wDLX0OyrM1DxNoWk6hDYaprenWV5OAYre5u0jkkycDarEE5Ixx3q1BqdhdX1zZW17bzXdpt+0QRyq0kO4ZXeoOVyORnrXCeArew1Pwb4kn1yKGSW91O/TVvOUdEkZAjZ/hWMLgHoKhuyb7K/wCX+e5Vvzt+f+R2Wr+JND8PmIa9rOn6YZs+V9tukh8zGM43EZxkdPWmr4n0BtEOsrremnS1O03wu4/IBzjHmZ29eOvWvKfDt5rkk3w0uLO2t76/bQLsbb66eBWj/cBWLrHISdu3+HnPWuq+JcuqP8MvMv7O0hv/AO0bLEEN20sWftce0eYY1ODxk7OPeras7edvxsL+vwudZpPibQdfklTQtb07U3hAMi2d3HMUB6E7ScUmheIbPX0vBaLNDPY3L2tzb3CbJInX1GTwwIYEcEEGnaRPrszS/wBvadp1kAB5RstQe53eud0Me3t0z+Fc3cD+z/jlZG02r/a2izfbEBxuMEieW5HqPNdfpR9pLvf8r/oHRv8Art+p29Fc1rlr5njbw5ct4pOmCL7QBpHmKo1MlB2LAts69Gxnt1rpaXS4dQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorA1PXrmLxnpGgackTvcRy3V6zqW8m3QbRjBGGZ2UAnIwrcU7xjr03h7w69zYxpNqE8sdrYwyAkSTyMFQEAgkDO44PRTR0/r0/PQOpu0Vz2teK/wCxNW07SV0m/wBW1C+hklSOw8lABHt3kmWVAOXGBk1dj163i0+3udcjOhNcTCCKDUp4VdpCflUFJGUlscAMT7UbgalFVjqdiNUGmG9txftF5wtDKvmmPON+zOdueM4xmq1t4j0S91abSrPWNPuNRgz5tnFdI00eDg7kByMEjqKANKis3VPEeiaHNBFrWsafp0lxnyUu7pIjLjAO0MRnqOnrVw3tqt8lk1zCLt4zKsBkHmMgIBYL1IBIGenIoAmqrqsMlzo95BCu6SWB0Rc4ySpAFY3iTxzofh3w3qGqy6np8htBMiQteonnTxqSYAefn4xtwSM9KseG/F+h+KbWN9I1XT7u48lJZre1u0meDcOjBTkYPHIFJx501/Wo0+Vp/wBaGL4D8B2eheHdBm1K2uW1iysI42F1fy3K20nlhX8pWdkj7jKAccDitLU/Aeh6vqyanfHVGu42LxPFrN5EISRtOxUlATI4O0DNaNt4j0S91abSrPWNPuNRgz5tnFdI00eDg7kByMEjqKS+8SaHpepQafqes6fZ3txjyba4ukjklycDapIJyRgY71UnzO/clLlVuxDqvhTSNaaze+iuPPslK29zBeTQTopGCPNjdXIOBkE4JAJ5FW9P0TTdL0caXY2ccdkFZTCRuD7vvFicli2SSWySSSSc1erD8XeK9O8HeHbrVNSubWNooZHt4Li5WE3MiqWEak9WOMcAn2qZNJO5STbSRJoPhXS/DSGPRxeRQ7BGsEuoTzRRqOgSOR2VB/ugccU7T/C+jaVr+pa3p9isOo6ps+2ThmJl2DC8E4H4AZ75qjpnjfRtd0Ga80PVNNvLuGy+0yW1vdpM0J25w4U5HPHam+EfGdh4g0XRxdajpy63e6fDeTafDOokXfGHJEZYsF575471Vnd+X63/AMibpr1/4H+ZY1TwVoes3Uk2oQ3UizEGa3S/njt5iMf6yFXEb5wAdynIGDmrGseGNJ102r39vIs1mT9nntbiS2miBGCFkiZWCkdVzg4GRwKkv/EeiaXqEFjqesafZ3lzjyLe4ukjklycDapILZPHHetKl0H1KNjo9pYaa1hH9ouLd9wYXt1LdMwbqC0rMxHsTiqGl+DNF0axnsrCO8WzmgNubaXUbiWJIyMbUR3KoMHHygcVr3N3bWao13cRQLJIsaGVwoZ2OFUZ6kngDvVXS9e0nXopX0LVrHUVhbZI9pcJMI29G2k4PtS3uGxTbwboJg0WIWJQaDt/s10mkV7cBdu0OG3FSoAKsSGHUGm3/gvRdQ1SbUXjvbW7uFUTyafqNxZ+dt4UuIZFDkA4ycnHGcCqXhjWtaufFmvaJrs1hcnTUtnins7V4NwlViQytJJ02joa2NQ8TaFpOoQ2Gqa3p1leTgGK3ubtI5JMnA2qxBOSMcd6rdh+hzfjvw/deL9Pg8JDSZG0qWWB7vU7mdCqxI4YonzGQynbtyVAwxO4ng9hNZW1xp8ljNCrWskRhaLHBQjBX6Y4rmvFnxE0TwlqWmWN/f6etxeXaQzRzXyRNbRMrHzmU87cqBzgc9a6HTNW07WrMXmjaha6hbFiontZllQkdRuUkZpbxa89fwDZoxPBOmato2iSaDrgW5g09vs9lelwxurbHyb16hlHyHPBxkdau6Z4T0jSNQN9aQ3D3PlmJJLq8muDEhOSkfmO3lqcDIXAOB6CtmudtPEVzqnja70rTLeNtO0tAt/eOTk3DAMsMfYlVIZjzjco65w7tvz/AK/r/hxWSXkR6h8O/C+q3V7Nfac8gv233duLuZYJ327d7wq4jZsAfMVzkA5yAav6t4W0fXPDq6Hqln52nKEVYRK6FQmNuGUhhjA71o2l7a39stzY3MNzAxIEsMgdSQSDyOOCCPqK5vxV4ut7Lw5HcaD4h8NW99eYNhLq96FtpwGAfBVstwf4e+M0vL0/4BWrdzY1Xw9pWtaOul6jaLJaRlGjRGaMxMhBRkZSGQjAwVIIqjY+BvD2nTXk9tYubi+tzbXVxNdSyyzxnPDu7FmPOAScgYAOABT/ABZ4r0/wf4budU1S5tI3jgkeCCe5WH7TIqFhGhbqTjHAJ9qg0zxvo2u6DNeaHqmm3l3DZfaZLa3u0maE7c4cKcjnjtUtq0m/n/XoEU9Euuxt6bp1rpGl2um6dF5NpaQrDBHuLbEUYUZJJPA6k1i6n4D0PV9WTU746o13GxeJ4tZvIhCSNp2KkoCZHB2gZpnhHxnYeINF0cXWo6cut3unw3k2nwzqJF3xhyRGWLBee+eO9aeoeJtC0nUIbDVNb06yvJwDFb3N2kckmTgbVYgnJGOO9aSTUrPcmLXLpsQ6r4U0jWms3vorjz7JStvcwXk0E6KRgjzY3VyDgZBOCQCeRVvT9E03S9HGl2NnHHZBWUwkbg+77xYnJYtkklskkkknNWDe2q3yWTXMIu3jMqwGQeYyAgFgvUgEgZ6cisLxJ450Pw74b1DVZdT0+Q2gmRIWvUTzp41JMAPPz8Y24JGelQ2knfYpJtpIt6D4V0vw0hj0cXkUOwRrBLqE80UajoEjkdlQf7oHHFO0/wAL6NpWv6lren2Kw6jqmz7ZOGYmXYMLwTgfgBnvmovDfi/Q/FNrG+karp93ceSks1va3aTPBuHRgpyMHjkCtuqaaepKaa0MObwZ4fudM1fT7jTUltNZma4vondmE0hCgtyflPyLjbjBAIwadqHhHR9Tt7GO8huC+nrttbmO9mjuIxt2keeriQ5HXLHdgE5Iqe+8SaHpepQafqes6fZ3txjyba4ukjklycDapIJyRgY71lar4uXR/HVtpmoz2dppTaVNezXVy/l+WySxIMuSFC/vD1HXHNJdF/Wi/RFa/wBeb/Unv4Lnw/4fay8PaTe61LMWRUu9QMqoWHWWSeQv5fqF3HHRaPAnhSDwT4K07Qrcqxto8zOg4klY7nYexYnHoMCtaLVdOm0n+1Ib+1k0/wAsy/a0mUw7ByW35xgYPOcVVtPFXh6/02fULHXdMubK2O2e5hvI3jiPozA4HUdfWja4uiE0/wAL6NpWv6lren2Kw6jqmz7ZOGYmXYMLwTgfgBnvmqeoeAvDuqX1xdXdlLuuyrXUUV5NFDdEdDLCjiOTjAO9TkAA5Fbl3e2thbG5vrmG2gBUGWaQIoLEADJ45JAHuRWBeeI2bxzp2jaXrHh8qPM/tGxnuv8ATh8m6Pyo1P4tuH3eRQuiDuzXfRdPk1az1JrYC7sYXgt3ViBGj7dyhQcc7F6jjHFLq2kWOuWP2PVIPPg82OXZvZfmRw6nKkHhlB/Ck1HXNJ0hWOrapZ2ISPzWNzcJHtTcF3HcRxuZRn1IHenRaxpk+j/2tDqNpJpvlmT7Yk6mHYOrb87cDB5z2o8w8i5XLeHtF1CTxRqfibxAiw3U4+x2NqsgcW1qjEgkjjfI3zHHQbR2NaWl+LvDeuXZtdE8QaVqNwFLmG0vY5XCjqdqsTjkc+9U/DviO6vda1XQtchht9V09xIohz5dxbOT5Uq557FWHOGU9iKOv9f1/wAC4Pb+v6/4Nih4i8HXPifx3oOp3yWlvYaBM11BLHIz3FxIQAEIKhY0BGThmLYH3a7KiqOq63pWhWy3OuanZ6bA77FlvLhIVZsZwCxAzgHj2o2Vg3dy9RVNNX02Sxt72PULVrS6ZVguFnUxyljhQrZwxJ6Y61HpPiDRteWVtD1ax1JYSFlNncpN5ZPQNtJx0PWgDQorjtf+IGn2PiDRtG0fVNKu7+71VLO8tBcK80MZRyx2K2VIKqMkY56V2NC1V/6/rUHo7f1/WgUVS1XWtL0K1W61vUrPTrdnCLNeTrEhYgkLliBnAPHtTxqmnnSv7UF9bHT/ACvO+1iZfK8vGd+/ONuOc5xQBaorLsvE+galp1xqGna3pt3ZWoJuLmC7jeOHAydzA4XjnntVufUrG2tYrm5vbeGCZkSKWSVVWRnOEAJOCSSMY65oAs0Vm3/iPRNL1CCx1PWNPs7y5x5FvcXSRyS5OBtUkFsnjjvUuq61pehWq3Wt6lZ6dbs4RZrydYkLEEhcsQM4B49qPMC7RUVrd299aRXVlPFc28yh4poXDo6noQw4I9xSXl5bafZy3d/cw2ttCu6WaeQIiL6ljwBQ9Nw3JqK47wt8TvDniae4to9W0uG7W/mtLe2XUY3kuVRsLIi8EhgMjAP1NO0rx3ZnU9btvEWoabpotNWawsvOnEJnAiif+NvmbMnb24oWv3X/AC/zQPT8vz/yOvoqnqmsaZodn9r1rUbTTrbcE867nWJNx6DcxAzx0qe1u7e+tIrqyniubeZQ8U0Lh0dT0IYcEe4oAlooJCqSxwBySe1c34b8Qvr+uawbXWPD+p6TCYhZ/wBl3XnTx5U7/PwSoyR8uOwOaA6XOkorJk8V+HYZZI5tf0uOSKN5ZEa8jBREYq7EZ4CsCCexBBqS+8R6JpmmwahqWsafZ2Vxjybm4ukjjlyMjaxODkcjHagPI0qKqLqunPpP9qJf2rad5XnfbBMph8vGd+/ONuO+cVT0vxd4b1y7NroniDStRuApcw2l7HK4UdTtViccjn3o62Dpc16KzbbxHol7q02lWesafcajBnzbOK6Rpo8HB3IDkYJHUVpUAFFc3418RHQtH22GseH9N1a4IFoNeuvJhkww39CGPB7dyM1uz3lvaRRve3EMAkdY1aRwoZ2OAoz1JPAHejpcNieis/SfEGja8sraHq1jqSwkLKbO5SbyyegbaTjoetaFABRXK6145fRfEdpozeGdZu575nWzkt3tNlxsTc+N86kYH94L7Zq3J4x0+HxvbeFriC6ivrmz+1xyMi+V1YeWWBPz4RzjGMKeaFqGxv0Vx9n8T/D91oepas/2y3ttPvvsGJYMyXMh27PKRSWcPvXbxkjnAHNbOka5c6lOYrzw/qmkHZvRr0QsrjjIzFI4UjI4bBPOM4OBa/18wehr0UVzPjbxrpfhHQdQln1XTLbU47KW4s7S8uVRp2VTtAQsGYFhjjr0pNpK7Gk27I6aiuQ1/wAWy2Pg2yubbV/Duma1fwRSWya3cmGBydpcAA7jgNxjPJGa6ie7t7O3WW+uIbdCypvkcKpZiFUAnuSQAO5Iqmmnb5EpppPuT0Vn6d4g0bWLi4t9I1axvprU7biO1uUlaE5IwwUkryD19DTbbxHol7q02lWesafcajBnzbOK6Rpo8HB3IDkYJHUUhmlRWbqniPRNDmgi1rWNP06S4z5KXd0kRlxgHaGIz1HT1rF8WfETRPCWpaZY39/p63F5dpDNHNfJE1tEysfOZTztyoHOBz1oA6yiqFpr2j3+kyapY6rY3Onxhi93Dco8KBeWJcHAx354pNK1/R9dt5J9E1ax1GGJtsklncpKqHGcEqSAcUAaFFZUXinw/PqFtYwa7pkl5dRiW3t0vIzJMhBIZVBywIBOR6VbttTsLy3luLS9t54YXeOWSKVWWNl4ZWIOAR3B6UAWqKitbu3vrSK6sp4rm3mUPFNC4dHU9CGHBHuKi1PUrPSNOlvdSvbaxt4x8091KI41JOBliQByQKHpuC1LVFYfhTVLzUPCdtqGtX2jXU7B2kudHmL2hUMcFWY54AGfcGrFt4n0C81NNOtNc02e+kjEqWsV3G0rIV3BggOSCpBzjoc02rOwGpRRVdb+zfUXsEu4GvI4xK9sJAZFQnAYr1AJBGenFICxRVT+1tO8u8k+32uywJF23nLi3IXcQ5z8uFIPOOOah0zxDoutWk11o+r2GoW8BxLNa3KSpGcZ+YqSBxzzQBo0VTOr6aLazuDqFr5F8ypaS+eu24ZhlQhzhiQMgDOarah4p8P6Tv8A7V13TbLy5fJf7TeRx7ZNobYdxGG2kHHXBBoA1aKRWDqGUhlIyCDwRUVzd21mqNd3EUCySLGhlcKGdjhVGepJ4A70ATUVn6Xr+j65FLLourWOoxwttle0uUlEZ9GKk4P1qKLxT4fn1C2sYNd0yS8uoxLb26XkZkmQgkMqg5YEAnI9KANWiszUPE2haTqENhqmt6dZXk4Bit7m7SOSTJwNqsQTkjHHeo9d8T6NoEfl6prel6Zcyxs1uuoXaQhyO+GIJGcZxSbsrjtrY16KxvDuqXFz4RtdS1y+0mWUwmWe60yYtZkAn5kdj93A5JPrVvSdc0nXrd7jQ9UstShRtjyWdwkyq2M4JUkA4I4qmrOxKd1cvUVmp4j0SXW20aPWNPfVE+9YrdIZ14zzHnd056dK5x/it4Wh8ZXGh3GuaPDDBaLM14+pxBfN8xkaHBOAwCgnnPPSl2XcffyO1opsciTRJLC6yRuoZHU5DA9CD3FJNNFbQST3EiRRRqXeR2CqigZJJPQAd6HpuG+w+iuQ0fx3Z6/4+u9J0bUNN1HTLfTI7prmznEpWUyspUsrFQNoU4xnmrfhvxC+v65rBtdY8P6npMJiFn/Zd1508eVO/wA/BKjJHy47A5oWv9edgeh0lFZWoeKfD+k7/wC1dd02y8uXyX+03kce2TaG2HcRhtpBx1wQasalrWl6NYre6xqVnYWrMFE91OsSEnoNzEDJoAu0VDb3trd2Md5aXMM9rIgkSeKQMjqRncGHBGO9Z1p4t8OX+n3V9Y+INLubSzGbm4hvY3jgHq7A4X8aANeiuO8LfE7w54mnuLaPVtLhu1v5rS3tl1GN5LlUbCyIvBIYDIwD9TW9qHibQtJ1CGw1TW9OsrycAxW9zdpHJJk4G1WIJyRjjvR28w7+Rp0VTvtX03S8/wBpaha2eImmP2idY8Rrjc/J+6NwyegyPWobfxHol3bWlxa6xp88F7KYbWWO6RlnkGcohBwzcHgc8GgDSoqBr60S/Sxe6hW7kjMqW5kAkZAQCwXqQCQCfcVPQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUdxBHdWstvNu8uVCj7XKnBGDgggj6jmk720BeZyPgQ/23e6x4ucZXU5/s9iT2s4cqhH+8/mP9GHpROf8AhIvipDbY32XhqDz5OmDeTDEY+qxbz/20FdVYWNtpem21hYRCG1tYlhhiXOERRgDn0AqOw0my0uS8exh8t724NzcMXZjJIQFzkk9lUADgADAqtE1bZf1/wfUNWn5/1/wPQ8/+IF1aWfxN8LS3/iT/AIRuL7DfD7d5kCc5h+TM6MnP0zxVzxNqvhqT4V3Canq58WWl6Ta27xSwPNeXDNhI4zCqpvDYwQuV25PQ16BRU293lf8AWtx31ueR+EIdS0mLxPoWtXfmfEC5sjPHeO4P2uLyisJi4UBUbKkAfeyx+9VHwvFa6rpfhDSpPGXhmyutHuIZY9KXTzDfxyoCJIWD3JYM3zhjs5yTivaqKq+t/T8L2Jtpb1/E830jWdH8PePPFo8Y3trYahe3UZs5b5xGLmz8pQiRFjhwH8wFV53Hkc1Y1zUdO8P/ABU0TVdWuYNL0t9EubaO4umEMYk82FhHlsANtUkKcHg+legUUlpby/ya/X7xvW/n/mn+n3Hk3heOXWvhf8Qo7GCYy32paqIIpIWSQl1+UFCNwJyOCM10Wh+I7HxF8OGtPCer2k+rxaOAsEU6ma3l8raodM5QhuOcciu3opNXi4+SX3Jr9Rpvm5vNv73c8V8LxWuq6X4Q0qTxl4ZsrrR7iGWPSl08w38cqAiSFg9yWDN84Y7Ock4rS8XX9v4U17xBqWj6/o897qSxG78M6tDmW+ZVCBYCCH+dPlA2SKWz05x6xRVNtu/r+Nv8hJWIrWR5rOGWWEwO8as0THJQkcr+HSsrxpZz6h4D16ztIzJPcabcRRIoyWZo2AA/E1tUVM1zJruODcWn2OK0DxPomu/DvyNJ1W0urmDSB59tHMplgPlYIdAdykHjBHWuOtbO20z4b/CX+z7eK3L6pYOxjQDLSQOZD9WycmvZqKvm95y7tP7m3+JFrR5fJr71Y8UnYwap420jxL4o8N6E2rXshZNbsCZLm1ZAkTRyNcRq6qoKgBTtZTnk165oNq1j4c061e8F+0FrFGbtRgT4UDfjJ64z1PXrV+ipWkben4FPV39fxOB+MS2L+DrFdX8kWB1qwFz9oIEfl+eu7cTxtxnOe1Gk31hrHxQk1jw7c28+jWWim1ur21cG3eTzQ6IHHysUQOTgnaH5xmuk8T+Hv+EksbK3+1fZvsuoW17u8vfu8mQPt6jGcYz29DW1RHRX63f4xS/zCWv3L87/AOR5r4W8W+HLz4t+JxaeINLnN7FYpaiK9jb7QypJuCYPzEZ5AziqFpq2haTp3jPR/GMludYvr+4Y2VwMzajFJxbiJcbpRt2oAoOCCODXrNFS4pprumvvt/kNOzv5p/ceXa1FfaL4A8A3XiV2STSb+yfU53O4QjynjZ3boAGcZY8d816NpmradrVmLzRtQtdQtixUT2syyoSOo3KSM1borRyu231d/wAv8iUrJLsrfn/mFcR8L8ppuv29wT9th1+9+0hmyctJuQ/QxlMe1dvWGnhlLbxrJ4hsLp7c3cAhv7XbuS6K8RydfldRkZ5yCAegqVpK/lb8n+g3qred/wA1+p5MuvXvhufWGs7qaHTPCOqXUmoQJu2TpdykpkDOdiuW46GtTxJeaV4d/Zxs9Hv9Ss7W8m0iAxW806xyTNlGYqpOTyT0r2GiktI8vp+APWXN6/icxr11a+Kvhnrg8OXlvqi3OnXEET2cqzK8hjYbQVzk5PSqOgeJ9E134d+RpOq2l1cwaQPPto5lMsB8rBDoDuUg8YI612tFKSupLv8A8H/McXbl8v8Agf5HjNrZ22mfDf4S/wBn28VuX1SwdjGgGWkgcyH6tk5NXbTVtC0nTvGej+MZLc6xfX9wxsrgZm1GKTi3ES43SjbtQBQcEEcGvWaKudpuXnf8bf5Cj7vL5W/C/wDmeUafcP4T8R+Dbvxvew2GzwzJZz3d5Mqp9pDQMYy543YVj74OM03wvHLrXwv+IUdjBMZb7UtVEEUkLJIS6/KChG4E5HBGa9ZopT95O/VNfe7hH3bW6NP7lY5jwL4n0TXfDenwaTqtpdXMFlD59tHMplgO0Ah0B3KQeMEda6eiiqlLmdyYrlVjyfxdf2/hTXvEGpaPr+jz3upLEbvwzq0OZb5lUIFgIIf50+UDZIpbPTnGxdWsGpfGzw5c39kgmh0C5uI45QGMEhlhHHuAzDPua9AoqY6W8v8AJr9fwKlqmv63X+R4hFmPw/eT3SltE07x5cy6jGEyiW4cncygHKLIyuewxk9K1PEsdl421zXLjwvPb3unt4aubS/v7Rw8Ms5IaBN4+VmQBzwcqGGcZFet0Ure7Zf17vL/AMEq/vc3n/7dzf8AAPBZPEF74jTR3vLqeXSvGF7ZrY28gYrB9lnj8wAY43gOxz1212HjPxZ4dtPiZ4Sju9f0uB7G4u/tay3sam33W5C7wT8uSRjOM16VRVN9PO/5f5GaVl8jgtQtrLUvjl4fuZIoboQ6FdXFtIQGCsZYQHU+u1jz71w99O0Hw714KIVjg8dPtNy2y1iUXaP++IB2xZ4JwcFhXutYHi3wx/wk1rp/lXYtLvTb6O+tZHh82PzEBADpkblwx6MpzggjFJaWt0/+SUv+AU9b3/r3Wv1MDwPNaaz4y1rxCur+H7i8uraC3ey0O/F2saRlsSSSYUsxLED5AAFAye1i9/ffHPShak77fQ7g3e08bHljEYI+quR9DV7TfCd9/wAJeviXxDqlvfX0Fm1nbJZWbWsUaM25iwaSRmYkD+IAAdMnNXfD/hpNFu9Sv7i6e+1LU5/NuLp0C/IOI4lA+6iLwB6lj1NNaNPtf8br9b/gJ3afnb8Lf5W/E264Txp4tk0Txdpth9r0fRI5bOab+2dZhLx8MoMEeJI/mPysfn6KOD27uip6lHhEMMeqfC0W2oJHcW9x43RHjNq8Ebo94pI8lyWRTuPykkjPNdRr8V4vxO8QWuhDyruTwWRbrCAD5olkWPHuM4Fen0UNJx5f6+Hl/wCCF9b/ANfFzf8AAPHRrmh32k/DnS/DrpKLPUrU3EduuRaEQSKUl/uSFiflPzHDHHBNexUUVTd7+bv+X+RKVreSt+f+ZxHjyKwt9b0TWpvFFl4c1DT/ADlt5tTiV7WZJAodDuZPm+UEbXDYz1GayG8bX0fwpt9audH0yGWbUVha42MbFczf8f8AggN5Rb94CSDyDu53V6dRUrRW/rf+vz3K/r+v6/A8q8J3a+IPirrX2nU9N1y1udCiikuNOsngtpwJZARlpJBLgMQWViBkrwQah8Lwzaprui+D7xmmTwXNLLds658wr8lln3KOX+qV63RTWlv61u2n8riet/P/ACs/vseKTsYNU8baR4l8UeG9CbVr2Qsmt2BMlzasgSJo5GuI1dVUFQAp2spzya6TXrCy0m38J39z40sNL1HSbUw2+oajCrWt6rRor5DOvzNtVhtkDYz1Ga9HopLRJen4KwPV39fxOZ+H+sXWu+EYb6+sbWzleaUFrMMILn5z+/j3AHZIcsM8nOcnOT01FFU9QPPfAet6XpWqa/oGp6ja2erSa/dyxWVxMscsySt5iMisQXBU9Rnoaw206zPh34wXptYjcyTXUTzFAWZFs42Vc+gLE49TXr1FRy3jb+7b8v8AIpStLm87/n/meOXV5fWGv+D9ZvtY0zSbI+HFigv9XtGmt47lgjSLuEsYjdkUYJPIVgO9dr8OdPt7HQ76Sx17Tdbt73UJrpZdLiCW8TPgtGoEkn8WT97+KuuorRyu2/X8XczUbJL0/BWGu6RRtJIyoigszMcAAdSTXm/hbxb4cvPi34nFp4g0uc3sVilqIr2NvtDKkm4Jg/MRnkDOK9KoqepT2PCdI0yym8R6HLLbRu7eJtcmLMMkuofafw2jH0zVzw54tk0Twn4IsPtej6JHLojTf2zrMJePgqDBHiSP5j8rH5+ijg9vaqKSVlb0/BWG9W36/i7ngv2qUfB66lcwEDxfv8y4he0tEX7Wr5lRtzRQk9Qckbhnua6zRXbXr7xZr2j6zoE2tXmmLbQ2mh363YiKK+yWSTCFmLNgfKAAoGT26/xb4Y/4Sa10/wAq7Fpd6bfR31rI8Pmx+YgIAdMjcuGPRlOcEEYqtpvhO+/4S9fEviHVLe+voLNrO2Sys2tYo0ZtzFg0kjMxIH8QAA6ZOaLXjyv+vdS/QL2d1/XvXPPfC8Vrqul+ENKk8ZeGbK60e4hlj0pdPMN/HKgIkhYPclgzfOGOznJOK9qooq3K9/W5KVjgPjLrelaf8ONVsb/U7O2u7qAGC3muFSSbDrnapOWx7VB8RLvRvFHgjSfsd1Z6tp1xrthDI0EqzRSD7QgZSVJB64Ir0aipW6b7p/c7jfl2f4o4S2VYPj5cwwKscbeGYSVRQAdty4X8gSK7uiijol6/m3+odW/T8El+h5j418U+H7L4s+DkvNd0y3axkvPtay3kam33QDbvyflznjOM07VNEHi74h+Ibez1A2NzBpunPa30KB2hYvc5ZeRnKMy5B6NXplFCtbUd3rb+tbnh2qWQ0nxhf3dvbSy6V4c8RWV1cw28O/yYDYLH5gUAkhOCcdACe1dZoPio6p8W20/RfFi6/o0mlS3ckUTW0qWsvnIqqHiQMBtJwHYk+9ei0U02t/60t+lxPVaf1rf/ADCvG77WLHTPC3xG0vUZAfEV9cX221AzcTwtFiFwvUxrHj5vuqFbJ617JRUSjdPzVvy/yKjKzT7O/wDX3nl3xC1vStP+Bwsb/U7O2u7rS4DBbzXCpJNjZnapOWx7Vc+JN9pPiX4Ws1heWmqWE+oWULvbTLLG4+1RBl3KSO+DXotFXJ80uZ97/jcziuVJdkc/rXh2FbO71DQrVLfWotKlsbGWIlRGpGUQKCFwGVcccdsZNea+F4rXVdL8IaVJ4y8M2V1o9xDLHpS6eYb+OVARJCwe5LBm+cMdnOScV7VRSWjv6fg2/wA2U9Vb1/Gy/Q830jWdH8PePPFo8Y3trYahe3UZs5b5xGLmz8pQiRFjhwH8wFV53Hkc1f8AiNJDY2PhfU5B5GnadrdtNcSFCq28RR03MMfKoLrnOMV3NFC0S8rfgHV+d/xPPvHeq6dq+g6Jq9jfW2p+HrTWIZdUltJFni8ld3zPtyCqPsZvQDJ6Ulre2Wv/ABQk1fwtPb3unQ6NLb6jfWjh4pZS6tFHvX5WZV3ngkqHGcZGfQqKVtGvX8VYd/0/B3PO/hj4Y0a7+EHhiOawj2oItRGwlD9oB3CQlSCTn16jg8cVieLIZ9L8T6r4Ps1kjh8dSRyW0iKSsR4S957HylDj3Y16/XPWXhq6Pio6/ruox31xDE9vYwwW3kxWsbkFjgu5aQ7VBbIGBgKOc03ed3t1/wAvwX3C2Wm/9a/n95uWttDZ2kNrbII4YUWONB0VQMAfkKh1LVdP0aya81i/tbC1UhWnupliQE9BuYgc1bopO71BJLQ8w+G2t6Vf/CW5srHU7O5u4Ir15YIbhHkjVpZSpZQcgEEYJ65rItbO20z4b/CX+z7eK3L6pYOxjQDLSQOZD9WycmvZqKI6O/8Ah/B3/EHqrev4r9ArgPiJeR+D9W0vx28btbWSSWOoiNSWMEuChwP7sqp/32a7+ue17w1deItQto7/AFGNdEgljuHsI7bD3EiNuUSSlyDHuAO0ICSBlsZFLqv69fwHp1OFv9Dm0D4e+HLjWULwHWI9V8R/KWXMhZ3Zxg5RJGTPYBM9q0muLbxP8QbvUfCMsF/ZLoU9pfXtm4eKaZmUwx7x8rOo3ng5UOM4yK9Jookk7r1/Fcv4ISbVn10/B3/M8Oi1/TLzwl8LtHs7pbi/sdT09L2GIFjaOkTIUlx/q23ZAVsE4bAODXY+FtI0+88f/EGa6s4pZbi6htJXZfmaE2sZKZ64JJ4/wr0Ciqbu231v+Nv8vxEla1ulvwv/AJlfTrC20rTLbT7CMx2trEsMKFy21FGAMkkngdSc1xPxiWxfwdYrq/kiwOtWAuftBAj8vz13bieNuM5z2rvqxfE/h7/hJLGyt/tX2b7LqFte7vL37vJkD7eoxnGM9vQ0t5JvuvzGtE0uz/I5jT7uy134kz6p4ZnhutJtdDazuLuzYNBJKZA0cYdflYou84Gdu/BxmmfDHwxo138IPDEc1hHtQRaiNhKH7QDuEhKkEnPr1HB44r0Sihaf15t/m/wDf+vJL9Dya01bQtJ07xno/jGS3OsX1/cMbK4GZtRik4txEuN0o27UAUHBBHBrvvB9rqNl4E0a11ssdQhsIkudzbjvCAHJ7nNbdY2vadrt+jR6JrVvpscsRjl8+w+0Muc/PGRIm1uf4g44HHXMte44rsl9ya/Ue8r+v4nlYhu5f2d/Cb25RbS3ubafUDLbNcRrbpKzMzxqylkVgrMARwpzxmul0CP+2PFWp65pnjXw7rOotpRtDBo0ATB3bo5JD9okJwcgdOvWu40DRLTw34fsdG00P9lsoVhjMjZYgdye5PU1oVcrNyt1b/FWFe9n6fg7nnfwz1rw5H4Q0bQXuLaLXYkH2zTZiPta3Y5ld4z8+d+5t5GMHOcVLqmr6d4b+Mv27xBfW+m2d7oSwQXN3IIomkjnZmTe2F3YdTjOcZrv6KG7yUv61VhW0a/re42ORJoklhdZI3UMjqchgehB7iuM+J5WPSdFnvcf2TBrVtLqRYZRYAWwz/7Ak8skngYyeK7Wil1TXRp/c7j6NHnmja3Y6v8AGTUdQ0+cS2CaBEi3gP7mXbPIWZH6MozjcOMgjPBqDwt4t8OXnxb8Ti08QaXOb2KxS1EV7G32hlSTcEwfmIzyBnFelUULRJdv82/1B6tvvb8El+h5/wCFtI0+88f/ABBmurOKWW4uobSV2X5mhNrGSmeuCSeP8KyvEsDeFfiBoEsOp6boei2ejvZWF3q9tJcQQS7huTeZo9jtGq4LNkhWAzzXqtFJaWt0/wAmv1Y3rf8Arqn+h49f6SLf4V38mn6xZeI9Lutdjvr8aLb4hFqZUNxEiLJISOGYgHoWGK9J0TXvDuuuW8O6hYagYIgrPZOsgiU9ELLkL0+6cHjpxWxRTWit/W1v6+Ynr/Xnf+vkee+A9b0vStU1/QNT1G1s9Wk1+7lisriZY5ZklbzEZFYguCp6jPQ1kWmraFpOneM9H8YyW51i+v7hjZXAzNqMUnFuIlxulG3agCg4II4Nes0VPLeNn2t+X+RV/ev53/P/ADPKrDR5z4u+Gtt4ngW41Gx0S5d/Ow5SdVgG7P8AeGTz6810Xi/wZbyeE9Vbw9aiLUzeDWICHY77yPawIBJxuCbSBx8x4ya7OsvX7HVdR0/7No2qx6W0mVmnNqZpAhGD5fzqEf0YhgP7pqptvVb6/i7/AOX3ExSVk9v+Bb+vU5X4d3cPi/VNU8eIjiG+WOx08SKQyQRDL8H1maT/AL4Fd9VLRtItNB0Sz0rTUMdrZwrDECcnAGMk9yepPc1dqpWvZbf1/wAOJX6hRRRUjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACorq4S0s5rmQMUhjaRgvUgDJxUtUdb/AORf1H/r1l/9ANRNuMG0VBXkkznNJ+JWm6vFpd1Hpeq2umaq6RWmo3UKJC8rLkJjfvBJBUMV2kjhjkEwa/C1h8UvCs1peagg1GW5W6gN/M0EgS3JX9yW8sYIzwo55rn/AAtaat4r8A+B9N/sa50/T7COxvZ766mhKzrCqsixJG7N8zBTlwmAD1Py1t+KG1yfx1oF7Y+FNUu7TR5p2lmins1EwkhKAoHnU9TzuC1rNKMmvP8ADT/gmabcfl+Ov/AOi1nxPDpWowabbWF5qupToZVs7ER71iHBkZpHRFXOAMsCSeAcHGDr3juWT4c6trHh3TdRa8tYbmOVCkKyadNGhJMqyOAQpwfl35GCAQal1Gy1bS/HsfijT9GuNUgvdNWyurSCaFJ7dkdnVh5jqjD5mVgH4OCMjpFp/hLUbvwr4sXUglpf+KGmkNvvDi1DwiJEZgMFgFBYjIySASBk5yvyPvZ/ffT8NTSLXOu1191tfx0NnwlrmoazpVq+paJqFgzWschubp7YpOxUZKiKViPXkL/SugrnfB13qzaLaWGteH7vS57O1jjeWSaCSKV1UKdhjkZscZ+ZV4p+kXniibxbrdvrOm2lvocPlf2XdRSZknyp8zeNxxg47L/wLrWsrOTsZxuo6mbcfEiyjvtXtrTRtZvv7FlZNQlt4I9kACq+7LOu8YJO1Nz/ACnKjIzU+JzxXXw1udf0rUb6GWC3WezuLG/mgVg7JhiEYBwR03A9axtKu9Ya+8f6XomhXF5Nd6xJGl6Z4Y7aBmtoVzJufzPl+8dsbZ4A9tHxdoWqWvwoi8HaBo15q8o0+K1S4hkgjjUx7R83mSqeQpPAas18Kb7J/erv9C/tW83+en6nY61rtp4f0pby+8xy7rFDBCm+W4lbhY0XuxP0A6kgAms6y8Yi7u7zT5dC1S01W2gFwunXHkCS4jJxujdZTEeeDlxg4zjIzneJbHVvEGj6Rqtlo1xb6jo2opeppl5NCHuFVWRlDo7oCVclSW6gZx1qbTtP1TWvHsXiTUtNm0e2sbGSzt7W5lieaVpGRndvKZ1VRsUAbiSc5A4y1q9fP8tPx0J2S+X56/hqUPAfjHXNbfUI9T0DVHVNXurdbpms1jto1chY3CzbiVHBKq2fU9av+Ib+91Xxlp3hTSrySyRYv7R1O4hbEggV9qRKexd85PGFVsdah8LW2seHNY1fTLnQrq4s73Vp72DUreeAxKkxD4dWkWQFWJHCN2qOdl0T42RXF2dsHiDS1tLeQgYE8Ds/l57FkkJA77TRHXk/rXl/z+8cvtf1pf8Ay+41PHMWrR6D/a3h+5kS+0ljdrbB8R3iKDvhcdwy5wezbTWxperW2saFaatZMXtbu3W4jIGSVZdw4HfmqXi/W4PD3hHUdRuct5cJWKNRlpZG+VEUdyzEAD3qPwTo8/h3wDouk3G37RZ2McUgB43hRn9c0ukvl+t/yX9MHuvn+n/B/pEnhLxRZeM/DFrrulxXMNrc7tiXUexxtYqcgEjqOxrarj/hh4q1Xxj4O/tTXbS2t7kXU0CtabvJmRGwHTcSSDyM5OcZ9q7Cqe4BRRRSAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAKemaxpmt2rXOjajaahArmNpbSdZVDDquVJGeRxVyuKtHg0b4u6y14Vs49YsrIW0kh2JdToZlZVJ4aQLs+Uc7QO1drR0uHWwUUUUAFFFFABRRRQAUyeGO5t5IJl3RyoUdc4yCMEU+ihq6sw2K2m6da6RpdrpunReTaWkKwwR7i2xFGFGSSTwOpNWaKKbbbuw2CiiikAUUUUAUtP0ix0ue+msYPKkv7g3Nyd7N5khVV3ck44VRgYHFXaKKACiiigAqlq2jafrlmtrqtstxCsqTICSCjowZWUjBBBHUGrtFAFK+0iw1O6sri/tkuJLCbz7bfkiOTBG/HQkAnBPTqKlvrCz1Syks9TtILy1lGJILiMSI4znBU5B5qxRQAyGGK3gjht40iijUIkaKFVFAwAAOgA7U+iigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOH8L3lnrnxM8R6xpU0N9YrY2dnHewOJI2kUzPIiuMg43pkDuRmu4rF0LxNBrd9f2D2V5p2oaeyfaLS8CbwrjKODGzKynBGQ3VSDitqmHVsKKKKQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBxcMr2fxh1L7NE179s02zWdIRhrMK8+13LEKVbcQApZ8qflxzXaVynhux1OfxhrniDUtOl0yK8gtrW3triSN5SIvMJdvLdlAJlwBuz8vOK6un0B/E3/AFsFFFFIAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD//Z)

Figura 9 - Método de gravação de uma parábola em PNG

Com este novo código e com as devidas alterações para responder as nossas necessidades, foi encontrada a solução para implementar a opção de gravar todos os gráficos que necessitariam de ser esboçados pela necessidade do utilizador, em PNG. Tendo obtido:

![Uma imagem com captura de ecrã

Descrição gerada automaticamente](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RD8RXhpZgAATU0AKgAAAAgABAE7AAIAAAARAAAISodpAAQAAAABAAAIXJydAAEAAAAgAAAQ1OocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEbDoWJpbyBGZXJuYW5kZXMAAAAFkAMAAgAAABQAABCqkAQAAgAAABQAABC+kpEAAgAAAAM3NgAAkpIAAgAAAAM3NgAA6hwABwAACAwAAAieAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxOToxMjozMCAxODo0NDowMAAyMDE5OjEyOjMwIDE4OjQ0OjAwAAAARgDhAGIAaQBvACAARgBlAHIAbgBhAG4AZABlAHMAAAD/4QsjaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLwA8P3hwYWNrZXQgYmVnaW49J++7vycgaWQ9J1c1TTBNcENlaGlIenJlU3pOVGN6a2M5ZCc/Pg0KPHg6eG1wbWV0YSB4bWxuczp4PSJhZG9iZTpuczptZXRhLyI+PHJkZjpSREYgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyIvPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvIj48eG1wOkNyZWF0ZURhdGU+MjAxOS0xMi0zMFQxODo0NDowMC43NjI8L3htcDpDcmVhdGVEYXRlPjwvcmRmOkRlc2NyaXB0aW9uPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIj48ZGM6Y3JlYXRvcj48cmRmOlNlcSB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6bGk+RsOhYmlvIEZlcm5hbmRlczwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAG0BWYDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6RoopGZUUs5CqoySTgAUALRWDpfjXQ9Zuo4dOnuZVlJWG4axnS3mIz/q52QRv0ONrHIBIzVtdetX8WS+HxHN9rjskvS+0eXsZ2QDOc5yp7Yx3oA06KKRiQhKjcQOBnGaAForN8P3up6jokFzrukf2NfOW8yy+0rceXhiB868HIAPtnFaVGwBRRRQAUVT1jVIdE0O+1W7WR4LG3kuJFjALFUUsQASBnA9RUtldpf6fb3kIZY7iJZUDDkBhkZ9+aAJ6KzLG+1W41zUrW90f7JYW/l/Y777Ur/bNwy/7scptPHPXPFC69av4sl8PiOb7XHZJel9o8vYzsgGc5zlT2xjvQHc06K5vxv4k1HwpoMur2Wl2uoWtsu65Et60DqNwA2AROG69yvTvXRqcqD6igBaKKKACiiigAorC8a+JG8IeDNR15LP7cbGMSfZ/N8vf8wH3sHHXPQ1DoHiqTWvFGv6PJp/2X+xzbjzvPD+d5sXmdMDbjp1OfahahsdHRWBa+ONAvr5bazupp1aXyVu47OZrUvnG0XITyic/Ljf975evFb9HS4eQUUUUAFFFFABRRRQAUUUUAFFYviHxD/YNxo0X2X7R/amopY58zb5W5Hbf0OfuYxx161tUdL/1/WobBRRRQAUUUUAFFFFABRRRQAUVmWN9qtxrmpWt7o/2Swt/L+x332pX+2bhl/3Y5TaeOeueK06ACiue1/xRJoniXw/pMen/AGn+2ZZo/N87Z5PlxGTOMHdnBHUYp/gjxM3jDwbYa89l9hN4rN9n83zNmHK/ewM/dz070LUHob1FFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVTVYLS50e8g1N1SzlgdLhmfYFjKkMS3bjPNW6CAykMMg8EHvSaurMadnc82hm174a3Xh/Rp9Utde0O9u1061SaHyb62UgCP5k+SZVVTuO1T3yagfwb4Tk+N9xa3nhzRnjudDW4SKWxiIklFw/mPgry2GXJ68iu50vwl4c0S8N3ovh/S9OuWUoZrSyjicqeSNygHHA49qm1fw9ouvpEmu6RYamsJJjW9tkmCE9SNwOOlO7um9Xr+Kt/wRdGl5fg7/APAON8VaJYap8VPCWn3kO6xTTr7daqSsUqgwgI6jhk6fIeDgZFdFpvgbQdN0e90hbGK50q8uWuf7OuYke3hJwdkce3CpuG4DnBJrYGnWSz2862duJbaMxQSCJd0SHGVU4+UHaOB6D0pupaVp+s2TWesWFrf2rEM0F1CsqEjodrAjijZW/re4f1+Bw/w9jSL4JGOJFREjvlVVGAoE0uABXJ6Zoun6H4T+F2tafbqurXt9YxXN+5LTyxy27ho2kPzFMYAXOAFAA4r1nTPCnh3RTMdG0DS9PM6eXMbWzji8xf7rbQMj2NWjpGmm2s7c6fa+RYsr2kXkLtt2UYUoMYUgHAIxinHR3/w/g3f7xPVW9fx2+48b1nQW8cX/AI5sv+EWGuXct99hsdZuZYFTTtsUfyfM/mxqjFn+RDv3H1r2bTLGLS9JtbG3SOOO2hWJViQIoAGOFHAHtXm1/wDDS+luNe8/QfDHiCbVLmaaHVtXkb7TbK64VNvkvkR9F2yLkAcLXoXh/S5NE8Oafpc17LfyWdukLXU335SoxuPXr9T9TSjpC3kvy/r1vuxy1l9/9f1t2RjfEnRLHWvh7ra3unW19LBp9xJa+fCshik8psMm4fK3uOaXwHoXh2y8Ladf6DpOm2zXthCZLizto4zOCgPzMoBbn1rqaytP8LeH9JkuJNK0LTbF7lSs7W1nHGZQezFQNw+tJaX8/wDg/ncHrby/4H+Ry3gzStP0b4neMbTR7C1sLYQ2DCG1hWJASkmTtUAZNZr+DfCcnxvuLW88OaM8dzoa3CRS2MREkouH8x8FeWwy5PXkV2dl4G8JadeRXmn+FtFtLmFt0c8GnxI6H1DBcg1c1fw9ouvpEmu6RYamsJJjW9tkmCE9SNwOOlPqn2v+Vg6Nd7fp/kc58Vo0h+EmtRQoscaW6KiKMBQHXAA7CoPivdXlv4QsY7Uxi2utStre+Mty1unkM3zK8qqxRWO1WODwxHeul1Lwp4d1kQDV9A0u/FsnlwC6s45fKX+6u4HA4HAqe00HR7DSZNLsdKsbbT5QwktIbZEicMMMCgGDnvxzQ9Xf0/B/qH9f16HKeEvCuraH4uuL1NJ0XQdHuLPy5NO0m8eRGuAwxLsMEaqduVJHJwuenHdVl6T4X0DQJZJdC0PTdMklXbI9naRwlx6EqBkVqU+iQutzgtW/4Sf+17r7H/wm3keYfL+x/wBieTj/AGPN/ebf97n1rtbDzf7OtvtHn+b5S7/tGzzN2Od3l/Ju9dvGenFWKKS0VhvV3CsXxnFfT+Bdci0gOb59PnW3CfeLmM4A981tUVMo80Wu5UZcskzlvh/qOkyfDTQJ9OngjshZwQrhwAsmAhQ/7W/5cdc8da4+DTdB13SfGeq+NoreXVNPvrmM3M5Am0+FOYPKYnMQ24cFcZZieTXokfhbw/FrR1iLQtNTVCxY3y2cYnJIwT5mN2SCR1p154Z0HUNVh1O/0TTrrUINvlXc9pG8se05Xa5GRg8jB4qp++2+9/lexMfcSS6W+fkeaWGmP4p8X+DY/Gdu1xM3hZ57y0nyEmlEkHEsfRwCc7WyNwBxkCn6HpMus/DPxT4b0+/h0tIvEF3ZWKyEiIRicMLcgEHY2ShVT91iAD0PqpsrVr5L1raE3aRmJZzGPMVCQSobqASAcdOBUB0XSmsrqzbTLM2t47SXMBt12Ts33mdcYYnuT1pt3/H8ZX/LQS0t8vwVv+CcL4flhspPEnhoeFrHQdRg09biRNHlElpcK6MFYKFQo+4MCGQEhRywAxz8t9ajwF8H7X7RF9okv9OdIt43MqQMGIHoCwB9CRXrOk6HpOg272+h6XZabDI2947O3SFWbGMkKACcAc1XtvCnh6zneaz0HTIJZJluHkis41ZpVJKuSByw3Ng9Rk+tCdnfzi/ub/z/AK6D+Frya+9WPFrDw9p+oeJNLlvIjK13r+txThm4lhQuwhYd49w3FDwSTnrWr4Dgt/EUvhXSfFkUV/py+GY7iws71RJFNOHKyNsbh2RNgGQdoY4xmvXU0XS4pI3j02zR45JJUZYFBR5M72BxwWycnqc81Bd+F9Av9Mt9NvtD025sbYgwWs1pG8UWBj5UIwvBI4FTHS3y/BNfrcqWrb73/O//AADnfhpiKDX7OwJOi2erSQaWd25ViCpvRDn7iyeYoHQYx2rovFF1eWXhHWLrTBm9gsZpLcAZ/eBCV478gVftraCytYrazhjt7eFAkUUSBURQMBQBwAB2FS0SXNHl8rfha4RdpX87/ieM3Gm+GbUfDe706Czl1m/1C2uZb7Yr3VyhhcvJJLjcwLsuST1wO1B0XVPGOt+MVn0XRdQ1K31B7a1u77VJIrnTYwimBoVW3cxj/loGVhuYn0r1K08MaBp7M1hoem2zNMLhjDaRoTKM4c4H3huPPXk+tN1Xwp4d165W51zQNL1KdE2LLeWcczKuSdoLAnGSePem9b+d/le35W/H5CV1byt87X/z/As6LDfW+g2EOrypNfx20aXMkbFleQKAxBIBIJyeQK5P4tXV5b+E7OO1MYtrrU7a3vjLctbp5DP8yvKqsUVjtVjg8MR3rt440hiSKFFjjRQqIowFA6ADsKbcW8N3bS213DHPBMhSSKRQyupGCpB4II7U5au/nf8AEI6Kx53pvhXVtDvtZvU0nRdB0e40mSOTTtJvHkRrgdJdhgjVTtypI5OFz045jTNF0/Q/Cfwu1rT7dV1a9vrGK5v3JaeWOW3cNG0h+YpjAC5wAoAHFes6Z4U8O6KZjo2gaXp5nTy5ja2ccXmL/dbaBkexq0dI0021nbnT7XyLFle0i8hdtuyjClBjCkA4BGMUR0d/T8G2/vuJ6pr1/FJL7rHkp0XVPGOt+MVn0XRdQ1K31B7a1u77VJIrnTYwimBoVW3cxj/loGVhuYn0rY1XQ31Px54G07xSVvJY9Hu/tqRyMYbmRRAGDjjehbnawwcDI7V3Gq+FPDuvXK3OuaBpepTomxZbyzjmZVyTtBYE4yTx71dGnWSz2862duJbaMxQSCJd0SHGVU4+UHaOB6D0pR0S8v8AJr9bjerb/rc858caBaeEfAb6boMc7W2qa5b7dLSRI43WSVPMtYz8qxxuFbgnGWI74q54K8E2+neONX8RQeFbbw3a3VrFawWZWHzSVJMkmIiyRq2VGFY7tmSBxW3488M3XijR7O2tGt5Ftr2K6msbwsLe+RM5hkIBwpJDfdYZUZU1k+GvAcun+L5NZk0nRPD9obE2jaXorF4rss2TJKTFGDtHAG09W+btRHz8/u5Uv+B+NuoS2/rvf/g/hcPBmlafo3xO8Y2mj2FrYWwhsGENrCsSAlJMnaoAya5bx/fafrOl+MNSt/DejO2ih7VtZ1S/8m6huEjBX7OPKcrhiu0B03MTgckn0qy8DeEtOvIrzT/C2i2lzC26OeDT4kdD6hguQasXPhbw/e6o2pXmhabcX7IUa6ls42lKldpG8jONpIxnpxUtNlRdncm0KeS58O6dPO5eWW1id2PVmKAk1dkCmJg5wpU5IOMD60RxpDEkUKLHGihURRgKB0AHYVDfJeSWMqaZPBb3RH7uW4gMyKc90DKTx/tCqqPmu0iIKySZzHwuXw1F4BtLbwTqU+paTbySRpPcEmTdvJYNlVIwT6DjHrmuvrB8HeE7Twb4eXTLOR52aV7i4ncBTNM5y7bRwoz0A6AAc9a3qctWAUUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFIzKiFnIVVGST2FGwHNajq97P8QdL0HTJjHFDA9/qbBVP7v7kUfIONzljkYOIz607xzrN3pOgxw6O+zVtTuY7GxO0HZI55fBBB2IHfnj5ap/D0PqdnqHiu5VhJr1x51uGzlLRBsgXHbKgv9ZDSQFvEHxUnmIJsfDVv5CdcNdzKGc+h2RbR7ea1Ftk/V/nby/l9Q7tf1/W/oXtZ8TTadrNl4f0iyOq6zcwNPtmm8iKKJSAZJZArFck4AVGyewHInm8RrougvqXjJLfRkilWKSRLgzw/OwVWD7VO3LAEsq4IPYbjz+sw3fh74rQ+KGsLu90q80v+zrhrK2a4ltZFkLoxjQFyjAkZUHBAzxzS+OpJPFPw/b+ztM1CVH1GzxFPZPHJIi3EZdvKYBwoAbO5RwpP3cEi1S8392tvy1B6O39bf5nQaT4w0XW9QlstPuJmuY4RcCOa0mh8yInAkj3qBImf4kyORzyKz/C2tf2x4n17y9burqCPyDHpd1pElk9gCp53SKrSByM5I4xXRy2tot0NQkto2uYomjWcRbpQhIJUEDdgkA4HUgVwfhrWopPih4huTp+tRW+px2cdrNPot3EjsiOGyzRAIBkctgULcHsdNq/jTRNDuJItSnuYxDjz547GeWGDOP9ZKiFI+CCdzDAIJ4INbqsHUMpDKRkEHgivIvGV34o1S38XaZcHxHDIyS22madpWlRyW93CYuHe4eJhkktlRIjDGFBbGfTtAjeHw3pkUyNHIlpErowwVIQZBHY0R1jf0/G4S0aXr+Fh+qavY6NBDNqU/kxz3EdtGdjNukkYKi8A9SQM9B3qpqPivRdJvbu01C98qezsDqM6eU7bLcEqXyAQeQeBz7VlfEiyurvw3aTWdtNdGx1SzvZYoELyNHHOrPtUcsQoJwOTjiuJ8Tx6l4k8QeK9Q0/Q9WWzn8Hy2drJPZSRtcy+Yx2qjAODzgKwDHGQCCCZvpf1/CN1+OhSSv934ys/wANTuI/id4Qluvs0er5lEyQlfs0owXICOTswI2LKBJ9wkgBua6uvF9W8O6iZNc+z6PdHeNAWHy7VvmWKRTIFwOiAc46d8V7RWjVrrs2vyM4ttJnEfEfx3ZeF9KWzt9c02w1e6nggQXM8e+3jlkCNP5bHkKu45I25HORkVoaPq9hB4dudQt/FN14otlk2/abeGK8aNuBtVLSIZxkEjaSM+lQ/EWyur7R9JSytprh49csJXWKMuVRZ1LMcdAAMk9AK6LUtSg0qya6ukupI1IBW1tJbh+f9iNWY/XHFSvhd+9vwRb+JW7f5mT4GvJdR8GWdzNrza9JIZAdRax+xtJiRhjySBtK428jnbnvWf4Uu9Vj8b+JNG1HWLrVLexjtHt3uooVdPMVywzFGgI4HUVU+FN95PgqPT7qx1S0urV7iWVLrTLiH5Wmdl2l0AYkEHCkn2qv4a1qKT4oeIbk6frUVvqcdnHazT6LdxI7Ijhss0QCAZHLYFPdk9DpdU8ceH9GvprTUL2RZLcKbl4rWWWO1DfdM0iKUiBHPzleOenNbyOskavGwdGAKspyCPUV5G2kXWmat4p0/XNU8VWdtqt9Lcx/2VpCXsFzDKoXBdbWVlZQuwqxHAUjg5r0/RLGHTNA0+wtpJ5YbW2jhje4GJGVVABYYGGwOeBz2FKOsbvy/wCD9w3pK3r/AF8yTU9TstG02bUNUuY7W1gGZJZDwOcAe5JIAA5JIA5NZMHjjQJ7LUbk3c0A0yHz7yK6s5oJoo8Z3mKRA5XAOCFIOCByKzPifpOoap4cspdL+1ltO1KC+mjskjeZ44yS3lrICrMMhgpByVGATgVzGraPFq+h+J9QstR8VaxqraBcWUcWpaObUOrfMFQC1i3tuHABJ5PFTd2b7X/K/wCehSSbS72/P/LU6+P4neEJbr7NHq+ZRMkJX7NKMFyAjk7MCNiygSfcJIAbmurrxfVvDuomTXPs+j3R3jQFh8u1b5likUyBcDogHOOnfFe0Vo1a67Nr8jOLbSYVn63r+l+HNPF9rt7HY2hlSLz5chFZjhcnsM9zwO5ql4y1+/8ADPhe41TSdCuteuomQLY2pIdwWAJ4VjwDngH+tYHxVnRPCWk3F1DJ5a63p7yRCIyvjz0JXYoJY9sAEntmp3a9UvvaK6fJv7jodM8X6Lq63X2S4mVrSITyx3NpNbyCM5w4SRVZlO04YAg4qppnxE8L6xd2cGm6k0/247bWYWswgmbZvKLMUEZcAHKbtwIIIyCKxXjufEni6/16ysb6CwttDmsI2u7SS3kuZpGDkLFIA+1QoGSoBLcZ5xl/2PqMfw/+F9tDp10k1jf6e93EsDBrdRA4cuMZUAnBJxyeacdXr5fi2vySfzFLS9vP8En/AJo67XPiH4a8OTXUeq3s6/YlU3UkFjPcR2277okeNGVCeDhiDgg9xXQWd3Ff2UN3b+Z5UyB082Jo2wRkZVgGU+xANeLT3JudR8d6fdarcWOjX2pul6tjoFxqBCCGNZCl1FujjZlGGV0JQ54r2XS57O50i0m0uZJ7J4UNvJG25XTHykHvxSjrG/p+K/r8Ry0lb1/AtUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUyaGK5gkguI0likUo8bqGV1IwQQeoI7U+mTsUt5GU4KoSD+FKTSTbGt9Ahhit4I4beNIoo1CJGihVRQMAADoAO1MtrO1s/N+yW0MHnSGWXyowvmOerHHVj3J5rzX4ceJ4Nf0/RbnUfiSbzV7qIPNo4lsBufBJTYsIlGOuN2eK2NcZP+FqeGf7V0G1lbdcppmpR6jL5sJ8nMm6DywhyBt+83rxVNa6k6WO4orgvjJpOnX3w31O8vdPtbi6s4g1tPLCrvAS65KMRlc47V0niPxBH4c0aO5NvJd3E80dra2sZAaeaQ7UXJ4A7k9gCecYpDNmiuc0fxLe3HiSfQNf0yHT9RS2F5EbW7NzDNFu2khmRGDBuCCvcEE9ujo6XDyCivKfFN/NrnxQ0zStY8F6lqmnW1hdXCafK1m8dxIJI0E+x59pCqzAb8MN/C9ca3xEitrP4ZNDN4Ts7nQYoUa60175rJ4AGUqiCFGUkHqAyjjgkGhapPv/nb9B/asegUVUvdMsNW002WqWNve2kgG+3uYllRscjKsCDggGuQ+FkttpvwntZpSlva2r3bMQMLGizyHoOgAFJtK9xK7tY7qiuKtPHl+y6PfanoAstG1uZIbO4F5vnQycxGaHYAgYf3XcgkAjrjtaqzFdBRWVq3iOy0WdIbyDU5GddwNnpVzdKBnHLRRsAfYnNWNL1W31i0NxaR3caBimLuymtnz/uSqrY564xS3GXaKgvrn7Hp9xdbN/kxNJtzjdgE4z+FcPpXxI1C9t/Dmo6h4cXT9J8QyxwW0r34edJHjLqWiCbdhKkA784IJUZwBauy8vx2B6K/9aHf0Vxt/wCN9QEmsTaHoSajp2huY72eS98mR3VQ8iwJsYOVUj7zIC2QDxmnJ8R9Jjn1CXUSLLS7SwtNQS+kYkSR3BYLlQMghlA6nOaFrt/V9gen9fL9TsKKxtH8Qf2vr2uaetr5cekzxQCfzNwmLxLIeMDGN4HU561rTsUt5GU4KoSD+FJuyv8AMaV3YfRXl/w48Twa/p+i3Oo/Ek3mr3UQebRxLYDc+CSmxYRKMdcbs8Vsa4yf8LU8M/2roNrK265TTNSj1GXzYT5OZN0HlhDkDb95vXiqtZ2Yu53FZmu6Da+IbW2gvZJkS2vIbxDEwBLxOHUHIPGRz3x3Fcr8ZNJ06++G+p3l7p9rcXVnEGtp5YVd4CXXJRiMrnHauk8R+II/DmjR3Jt5Lu4nmjtbW1jIDTzSHai5PAHcnsATzjFLqvVf8ADZornNH8S3tx4kn0DX9Mh0/UUtheRG1uzcwzRbtpIZkRgwbggr3BBPbM8Ks3inxbq3iW5mZrbT7mXS9MtwSEjCECaUjoXZ8rnsqAdzQtX/AF6fnoG39fP8tSzL8P4V/tGLTNf1jS7HUppJrmytGgMbPJ/rCrSRNIm7k/KwwTxiuj0zTbPRtLttN0yBbeztYlihiXOEUDAHPJ+privEvwsh8RXniW4bU/IOvJZKR9nLeT9nfdn743bunbHvU+u6/f3njaTw5puqJodjpunjUNU1PbG0iKzEIiGQFEGEZmZlbjGMdaFokv60X+VxvV3/AK1t+bO4orhrjxra+H/A1xrNlrC+NIYLyK3ElrLAZT5jouwtEBGXG/IG1cgqD/eOxpWua3Pr7adrXh37BHJa/aYLqC5NxHw2DFIfLUJJyDtBYH5sE4o/r8Li6X/rsdDRXKTeKtX0zWdMg17Q7e0sdVuvslvPBqBmljkKs6CWPy1VchSCVdwD6jmuU8U382ufFDTNK1jwXqWqadbWF1cJp8rWbx3EgkjQT7Hn2kKrMBvww38L1wbtL1/BXHtv/Wtj1aivP/iJFbWfwyaGbwnZ3OgxQo11pr3zWTwAMpVEEKMpIPUBlHHBINdV4h1+18M6C2oXMUswDJDDbwAGSaV2CpGucDJYgc0PQXY1qKwbbW9TstLvL/xdptnpVvawG4aS1vjcqqqMsGzGhBHsGB9fXJi8canCul3+s+H47HRdVmSGC5W+8yaEyHEJmi2BUDZAO132lgD60dbf1rsHS52lFFc9r/hOPXvEvh/VpLnyv7Flmk8ry8+d5kRTGcjbjIPQ9MUnfoB0NFYPgjwuvgzwbYaAlz9rFmrDz/L2b9zls7cnH3vWt6qdr6AFFY2meIP7R8Ua3o/2by/7J8j995mfN81C3THy4xjqc+1bNIAorgPiLqniWw1jwzHo1vai2m1iKPc2pSQNOxjlJikVYmAj4znLcgfL3HU+dr0mhSNLpemjUicC1GoyGBlz3m8jcDjPHln696W6bX9bf5j2aX9df8jWori/h28C/C+0bwxosGnqhnEGnyX0jxq4mcMDMULYLAnO04z0rP8Ah1q3i2+OqDULOwmtk1y8ikmfV5ZJIAshGyNDBhlXovzLx2HSq3lZf1t/mLpfzt+f+R6JRXA+JNJ062+Lfg7UbbT7WG+uprtZ7qOFVlmAtjgM4GWx71va14kurTXrXQtD0+PUNUuIHumWe5NvDBCpC7ncI5yWICgKc4OcAUgOgorF8L+Iv+Ei0+eSW0ayu7O5ezu7ZnDiOVMZCsPvKcgg4GQRkDpW1QAUVjaZ4g/tHxRrej/ZvL/snyP33mZ83zULdMfLjGOpz7Vs0AFFc9r/AITj17xL4f1aS58r+xZZpPK8vPneZEUxnI24yD0PTFP8EeF18GeDbDQEuftYs1Yef5ezfuctnbk4+960IGb1FQX1z9j0+4utm/yYmk25xuwCcZ/CuK0n4i397puh6zqXh0ado2tSQwwzNeh543lHyFogmNjN8oYPu5UlRkgC1dl5fjsD0V/60O8orgL74i6rEfEsmm+GFubTw3LIt3cT6gIRKqxrIfKAjYs+GOVbaB8vzHJA1r/xhO+oaTp3hvTotQvNTs2v0+1XRtoo7ddo3F1RyWJkUBQp7kkY5Fqrr+uv5Bt/XyOporz5Ptnxc+GOsadqlpFoEtxPLZERzm7MbRSYYn5YwfmU8AkYwc9q3tA8Ix6D4o17WI7nzf7YNufJ8sjyfKi2ddx3Z69Bj3o9QOjorh9DJ8LfEa78MpIW0zVYH1TT42JP2eQOBPGM/wAJLq4HYs3bFbup65fWHirRtKttDury01ETfaNQjP7uy2KCu/j+InAyR7Z6ULVLz/r9A6tdjbooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKZMhkgkRerKQM/Sn0UmrqzGnZ3MLwTolz4b8D6Ro188UlxZWywyNCSUJHoSAcfgKxvEeleLNQ8Y6Pqem6doz2ujyzPGJ9UljecSRbOQLdgmM56tn2rqr3VrLT7uytbuYpPfymG2QIzF2Clj0BwAqk5OB707U9TtNG0u51HUpvItLWMySybS21R14AJP0Ayabd3zMSXQ5rx/pHiLxJ4Tn0XR7TS83sIWea6v5I/JYMDhQsLbxweSV+lM8UeFtQ8aeEYLbV7PSoNRs7tLuC3eRry1kaPOEkLRoSrAlT8vGc89D2COJI1dc4YAjcCD+R5FOosBynhTw1HpGoTXDeDfDOgyGPYs+jyb5HBIJVv9HiwvAPU8jpXV0VmWPiLStS1zUtHsrrzb/S/L+2Q+Ww8rzBuTkjByB2J96e+geZSn0G6l+JFl4gWSEWlvpc1myFj5hd5Y3BAxjGEPfPTiqXxD0fXvEfhi60TQrbTWS8j2yT3l7JCYiGBGFWJ93T1FdbRS6Jf13/AFDrcyFuPEQ0PzDpel/2mGwLb+0pPJK+vm+Ruzjt5f41z3hHwtrNp4IufC/ie205bWaK4j8+yvXmZxM7kgq8KBcB8Zyc46Cu4opNJ3TBaWt0POPDPw+/sSTTre78FeDZ/sLKo1iEeXcvsPyy+V9nOJOAT+965Oa9Hooqm29xJJbGVq3hyy1qdJryfU42RdoFnqtzaqRnPKxSKCfcjNWNL0q30e0NvaSXciFi+bu9muXz/vyszY46ZxV2ilsMrajbvd6XdW0ZUPNC8alugJUgZrjH8D6k3hHwLpYntfP8O3dnNdtvba6wxMjbDtySSeMgfhXeUULR39H92wPVW9fx3PNZ/hstn4g1a7g8J+FPEUGpXRvBJq48qeB3++m7yJd6ZG4H5cbiMHrV3V/h/NqnizSbhItPttCjsBa39hHkbthLQpGAoGxWY9ccAcV3tFKysl2/ysD1v5/53OS+HPhjVfC+g3UGv3Frc39xdmV5rUuVdRGkaE7ud22MZ966qZDJBIi9WUgZ+lPoJwpJ7egzTl7y94Fo9DC8E6Jc+G/A+kaNfPFJcWVssMjQklCR6EgHH4CsbxHpXizUPGOj6npunaM9ro8szxifVJY3nEkWzkC3YJjOerZ9q39F8U6X4gury1057oXFls+0Q3VlNbOm/JU7ZUUkHB5Fa9N3buw6WOQ8f6R4i8SeE59F0e00vN7CFnmur+SPyWDA4ULC28cHklfpTPFHhbUPGnhGC21ez0qDUbO7S7gt3ka8tZGjzhJC0aEqwJU/LxnPPQ9ZcXtraNCt3cwwG4kEUIlkC+Y5BIVc9TgE4HPBqal/X6gcp4U8NR6RqE1w3g3wzoMhj2LPo8m+RwSCVb/R4sLwD1PI6VR8DyLoHiLXvCV4WSYXkup2Bc8XFvO29ivqUkZlI7ZHrXc1FJaW8t1Dcy28TzwBhFKyAtGG+9tPUZwM460db/L+vmHQlrk9Y8Pavb+NIvFHhh7OW4ktBZX1jfSNFHPGGLI6yqrlHVif4WBDEcHBrrKKOtw6WPNl8A65c+GtcgvH0+C+1bxBFqvlxTvJFEiPCxXeY1JbER/hAyR9a9Cv4JbrTrm3t7hrWWWJkSdBkxMQQGA9QeanopNJx5en/AS/JDu07/13PJdJ+Fup2t34all0nwxZT6Pdxz3eo2peW71HCsGZpGjUqSTuKkvkn7w2891PoN1L8SLLxAskItLfS5rNkLHzC7yxuCBjGMIe+enFdBRVX6+v4qxNv69Hc5L4h6Pr3iPwxdaJoVtprJeR7ZJ7y9khMRDAjCrE+7p6ina/oGreKvCKW16tlper211Fd2jQzNdQpLE4dNxZIyQcYIA4B4Jrq6KQznX0/WPEeg6lpfiu00+ygvLVrYjT7uS4Lb1IZtzRx7cZ4GD9fXFTwx4n1ew0jRvEraWmnaXPDPJdWc8rzXpgYGIGNkAiyQrN879MDrkd5RQtHf0/DYOlvX8dwooooAKiubaC9tZba8gjuLeZCkkUqBkdSMEEHgg+lS0UAcFonws0PS/G+savJoGhfZJzbNp0cdkm61eNTvYDYAhLYOVPOMmu9ooo6WA5zxnoN9rdlp0ujyW63+l6hFfQJdFljlK5VkZlBK5Vm5wcHHFXRc+Iv7FMp0vS/wC09+Bbf2lJ5O3PXzfI3Zx28v8AGtaijZW/r+tA3/r+u5yPw80fX/DugJpGu22mrHC0rxz2d7JMXLys+CrQptA3Yzk5x0FHh/Rdf8Oa1qUEEGm3ej3+pS3wne7kiuIPNwzr5flMr4bODvXg9q66ijZ3/r+tA6W/r+tTifEeleLNQ8Y6Pqem6doz2ujyzPGJ9UljecSRbOQLdgmM56tn2qPxX4FbW/Elh4h/sbQtYuI7Q2dzp+rjMRUneHjl8tyrK2RynzBj93v3VFK39fgBjeF9Jj0fSTAmhaTobPIXe20lt0JPA3Z8qPLEAfw9hya1Lm2gvbWW2vII7i3mQpJFKgZHUjBBB4IPpUtFN6gtDgtE+Fmh6X431jV5NA0L7JObZtOjjsk3Wrxqd7AbAEJbByp5xk13tFFHSwBTJhI0DiBlWQqQjMMgHHBIp9FJq6sBymkWniSy+G9xB411C21HWFt7jzri1TajA7ioA2r0XA+6Px6nmPBmi654k8CeCodVh0+y0fT7ezvVa3unmnumjRTErKY0WMZwxwX6YH96vUHRJY2jkVXRgVZWGQQeoIpltbQWVrFbWcMdvbwoEiiiQKiKBgKAOAAOwqk9W/T8L/5g9Vb1/Gxx58G6gdB8c2XnW3meIpriS0O5tqCS2SIb/l4+ZSTjPH5Vymp6JeXHj3w9oUEK3t7o3hoGRP7WuNNSMs6Rl45oAZHz5ZBUqBjac5OK9grO1fw9ouvpEmu6RYamsJJjW9tkmCE9SNwOOlTtb5fgml+Y9/x/Fpv8jC+HeqWt1pF9pVno8Ok/2JePYyQ2s5ngZxhiySlVLk7vmLANuznJ5rrqr2NhZ6ZZR2em2sFnawjEcFvGI0QZzgKOByasVT1JRw+nyjxN8WbjVLM79O8P2kmnCYHKy3UjK0qr/uKiAn1Yjsaj8VeINYX4keF9H8LahDMDPI2tWCRrI0dvtBEkjdYxz8vTcWHXpXb21tBZwCG0gjgiUkiOJAqgkkk4HqST9TUtJaW8v+H/AD/D7xvW/n/w39eYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFR3JnFrKbRY2n2HylkYqpbHGSASBn2NJuyuByOlgeIfibqOrE77TQYv7MtfQzvte4YfQeUn1DCjxgBr3iTQ/CqndDJL/aeoKOnkQMCin/AHpSn1CNWv4P0BvDXhWz06eUT3aqZbucf8tp3JaR/XlicZ7YqPRNBubTxNrmt6m8UlxfypFbCNiwhtY1wi8gYJYuxA4y3U4qtml2/P8A4fX0DdN9/wCvy/E53WYYfE3xhi8O62ouNIstH+3/AGCX5obqVptgaRDw4QLwDkAnOMirXjTzPBHgGVvBMVrpcv222SGIQgwIZJ40YCPoqkE5C45JP3jmtrXfCdpreo2epx3d5pmqWSskN/YuokEbfejYOrI6nAOGU4IyMGmXnhGHU/D/APZWq6pqN7uuYrl7qV4xIzRyK6jCoEVfkUYVRnk9SSVHZLz189b/AJaDe9/62/z1+Yml6X4ksNeZ77X/AO1NMmtTvWeGOOSC43f8sgiD92VJ4dmYYXk5JrP8KXeqx+N/EmjajrF1qlvYx2j273UUKunmK5YZijQEcDqK691LxsquyEggMuMr7jOR+dcvpXgiXS/EdxrQ8U61dXF35YuknS02TrGCFBCwKQBuP3SD70Cexz/jrxY2nDWp9I8T6ol5pUBkFlYaN9qtUdU3hLiUQvtLd/3ke1SOBjcfQNLuzqGkWd4yhGuIElKg5CllBx+tcxf/AA2sL46vEmsaxZ6frMjy3thazxpFJIyBWYNsMi5wCVDhTjBBBIPVWVolhp9vZwlmjt4liQseSFGBn34oj8Ovl+twluref6WOf8d6vfaNpemTabP5Mk+sWVtIditujkmVXXkHqCRnqO1c9408Wa1pHibxFa6feeVBZeE31GBPKRtlwJHUPkgk8AcHI9q7XxBoNr4k0lrC8eaICSOaKeBgJIZEYMjqSCMhgDyCPUGufk+GenXNxql1qGq6te3mq6Y+mXVzPNHuaJiTlVVAiEZwNqhe5BJJM62+/wDGNl+OpSav93/pV3+GhxU/irxnY3l+9xrySxWUulSmIWkQ3m6dVkiztz5QBbH8eSMtxg+0Vyl38O9JvGvTLcXo+2GyMm104+ysGjx8vcj5vXtiurrR21t3f3aGcb2VzifEF7r118StM8P6TrH9mWNxpk91cyR28ckoKSxqPLLggN82PmDDBPGcEYln411t/D6aZ9tEmqTeJZ9BTU5YUBRELN5xQYQuEXAGAu7BII4PfSaDay+K7fxA0kwu7ezks1QMPLKO6OSRjOcoO+OvFZB+HuknSL+wE96v2zU31VbhJQsttcs27fEwXAwRwCDxkHIJFTHRK/z/APAr/wDpOhT62/r3f87Gd9o17TfFs3hZvEM18dT0qa6sb65t4BNZyxlUOQiKjqd6kZXOVIOR0q2fi/V9c0rwdaWUptNW1C4b+1SIlYwpbZFyMEYGZAqZxxv4rqtH8MRaXqU2p3eoXuralLGIftl8Y9yRA58tVjREVc8nC5J6k4GItJ8Gabo/inUtetpLh7nUOsUjgxwZIL+WAARvYBmyTkjtTWjV/wCrNtfnZ+gns7f1dWf+aOdg1DxD4ps9d1fTPEEmjR6ddz2tnaJbwyRP5BILTl1ZzuYHhGTC47811vhbWv8AhI/CWlaz5Xkm/tI7gx5zsLKCR+tZV54Btbi81B7bWNW0+z1R/Mv9PtJY1huGIw5yyF0LgAN5brnr15rpba2hsrSK1tIlhghQRxxoMKigYAA9AKUdI6+X/B+8b308/wDgfccx8RdX1bRvD9lL4fuIbe9uNUtLVXni8xNskqoQy8EjB7EH0IqLSb3VtJ+IC+HNS1efWYbrTGvknuIYo5IHSRUZf3SKCrbwRkEjaeT2T4m6de6p4e06305brzv7ZsXMlrGHeFROpaTBVh8o5ywIGOeK1tK8LxaZe3WoT6jfalqdzEITf3hj8yOMchEVEVFGSTwvJ65wMEdr+b/9JVvx1CXZdl+b/QyPD3/JWvGX/Xvp/wD6BJVCDUPEPimz13V9M8QSaNHp13Pa2dolvDJE/kEgtOXVnO5geEZMLjvzWxpXgiXS/EdxrQ8U61dXF35YuknS02TrGCFBCwKQBuP3SD70XngG1uLzUHttY1bT7PVH8y/0+0ljWG4YjDnLIXQuAA3luuevXmpafTs/v7/mNNX17r7rHHeJJrvxZpfw+1+HWNQ05dU1G0cWsKW7Jbu0ErF1LxMxbqPmJXH8Oa9Q0yynsLMQXWpXWpyBiftF0sSuR6YiRFwPpWfrPhTT9Z0O10wGawjsZYprOWyYI9s8f3CmQV4HGCCMHpWhpllPYWYgutSutTkDE/aLpYlcj0xEiLgfStLr3rd2/wAv8iddL9rfn/mW6KKKkYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFBOFJPb0GaKRmVFLOQqqMkk4AFAGBZeNtFvtYt9KT+0YLy6DmCO80q6thJsGWw0saqcD3roK4vxA6z/FLwV5DLJiK+lOw5whiUBuO2SBnpkiuM+IF9p+s6X4w1K38N6M7aMHtW1nVL/ybqG4SMFfs48pyuGK7QHTcxOBySU3Zf13sOK5nY9norzi/uhoOreFvGd7KFgu9PGn6pMx6hkEsTntw6sv/AG0qpazw6F8Mv7S1zTPt994r1FZpLOSXy0kkuHHlRSsc7UWMIrAgggEYbODTVm120+d9F81r+BKaaT76/K2r+T0PTbq5isrOa6uX2QwRtJI2CdqgZJwOegrntM+IXhvV7iyitbq6jOoDNnJd6fcW0dzxkCN5Y1VyRyACSRyK4HTU/s3xZ4y0i307R9HhXw4Jp9O0a682FJv3g3sPKj2SFCuRt5G05PGL3hPQNc8VeAfBNvqkWn2GkafDZXyyW93JNPcmJFMalTGgiyeSQz9MDrkKOuvTT8W0/wAhy009fyTX5nY3/iXUdO8b6Xo1zpdqbHVXlSC8jvWMqmOLed0RiAHTHDn19q6WuM8V/wDJSPA3/Xxef+k5qprFpaa78XIdG8T28F5piaT9psLK7QPDNP5hWV9h4dlTZjIO0MSMZpLdL+trg+r9PzsdlrGqQ6Jod9qt2sjwWNvJcSLGAWKopYgAkDOB6ipbK7S/0+3vIQyx3ESyoGHIDDIz7815MNFsNV+GvjmwGnW9/pWmTXiaF58azCDEAyIWbOAspdVI6YwOldx4C0Pw9YeGNN1Dw/pWm2r3ljC0lxZ2yRtMCgPzMoBPPPNOOqb8k/vTYS0svX8LHUUUV49/YXh+7T4kax4khjmNnqMywS3D5FoRbREPFniOQsR8y4YkLzwKlu1/JN/l/mNK9vN2/P8AyO98b+JNR8KaDLq9lpdrqFrbLuuRLetA6jcANgEThuvcr0710anKg+orzjxe+oS/s7yPrW7+0W0u3N1vGG807N2R2Oc1pfEidk0zQ7a4lMOk3uqwW2qPu2gwMG+RmyMKz7FPqGx0NXJcsuXzt97sQpXjzeTf3K521Zmh69a6/DeSWccyCzvZrKTzVAy8TbWIwTxnp39hXG2+g6PYfFKXQdE0uzj0e80d5NX06KFPswfzFELNEPlDMvmDp8wXvioPhj4V8NRTa7NHoOkpqGn+ILxIpVs4xLbrvzGFbGVG1hgDoDSjq/k/wdinovmvxVz0yiiuU8Wf239vh/sf/hJvK8v5v7H/ALM8vOT977X827/d4x70gOrorF8Lf2h/ZLf2t/a/n+acf2v9k83bgdPsvybevXnrntVzW/8AkX9Q/wCvWX/0A0TfLFscVzNIvUV4hpmi6fofhP4Xa1p9uq6te31jFc37ktPLHLbuGjaQ/MUxgBc4AUADirJ0XVPGGt+MVn0XRdQ1K31B7a1u77VJIrnTYwimBoVW3cxj/loGVhuYn0qpKza7X/C3+ZKd0m+tvxv/AJHs1FePapP4i8PeJ30+xu4B4n1zRLJI5ceZG9xA0nnuAwGRsPUgdRxXSfDDUIPENx4l8S2rAxanfxBArhsCO2iBHHcMWB+lCV726f52C9rX8vyud6ThST29BmufsvG2i32sW+lJ/aMF5dBzBHeaVdWwk2DLYaWNVOB71vsyopZyFVRkknAArjPEDrP8UvBXkMsmIr6U7DnCGJQG47ZIGemSKXUb2O0orxj4gX2n6zpfjDUrfw3oztowe1bWdUv/ACbqG4SMFfs48pyuGK7QHTcxOBySegv7oaDq3hbxneyhYLvTxp+qTMeoZBLE57cOrL/20pJq13tp+Kdv68xtW09fwtf+vI9HqK6uYrKzmurl9kMEbSSNgnaoGScDnoK8ytZ4dC+GX9pa5pn2++8V6is0lnJL5aSSXDjyopWOdqLGEVgQQQCMNnBzdNT+zfFnjLSLfTtH0eFfDgmn07RrrzYUm/eDew8qPZIUK5G3kbTk8YU24p90n96V2hxSbXb9G7JnfaZ8QvDer3FlFa3V1GdQGbOS70+4to7njIEbyxqrkjkAEkjkUt/4l1HTvG+l6Nc6Xamx1V5UgvI71jKpji3ndEYgB0xw59fauO8J6BrnirwD4Jt9Ui0+w0jT4bK+WS3u5Jp7kxIpjUqY0EWTySGfpgdcjo/Ff/JSPA3/AF8Xn/pOa0lHlk152+X9XM07xv5HZ1T1jVIdE0O+1W7WR4LG3kuJFjALFUUsQASBnA9RXG6xaWmu/FyHRvE9vBeaYmk/abCyu0DwzT+YVlfYeHZU2YyDtDEjGa50aLYar8NfHNgNOt7/AErTJrxNC8+NZhBiAZELNnAWUuqkdMYHSspN8jl5N/c7GsUudRfdL71c9ZsrtL/T7e8hDLHcRLKgYcgMMjPvzWWniVLjxlJ4fsbZ7hrWATX9yHAS1Lf6uM/3nYZOOMLgnqKpeAtD8PWHhjTdQ8P6Vptq95YwtJcWdskbTAoD8zKATzzzVH4XlpNL16e4z9sl1+9+07hghlk2qP8Av2qY9q2krVHHtf8ANL9TGLbgpd7flf8AQ2pfEq2njSHQL+1a3W8tzLYXZcFLl1z5kWP4XUYYDnIyf4TW5XE/FIbdC0ieDi9h1yxNqwXJDmZVYfijOD7Zq18Tbfw9dfD7UI/GV/cafo+6Jp7i2Lb1IkUrjCsTlsDof61C2v52/L/M0t71vL/NfodZRUVpLDcWcM1rIJYJI1aOQNkOpGQc98ipab0diU7q4UUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGdpnh7RdFmnm0fSLDT5bk5ne1tkiaU5J+YqBnqevrUdz4W8P3uqNqV5oWm3F+yFGupbONpSpXaRvIzjaSMZ6cVnajq97P8QdL0HTJjHFDA9/qbBVP7v7kUfIONzljkYOIz607xzrN3pOgxw6O+zVtTuY7GxO0HZI55fBBB2IHfnj5aW6X3L8vz0H1f9ef5amzeaTp2oab/AGdf6fa3VjhV+yzQq8WFxtGwjHGBjjjFPvdPs9TsZLLUbSC7tJRiSCeISRuOuCpGD0rE1nxNNp2s2Xh/SLI6rrNzA0+2abyIoolIBklkCsVyTgBUbJ7AciebxGui6C+peMkt9GSKVYpJEuDPD87BVYPtU7csASyrgg9huL3Qi1ZeHNE02Aw6do2n2kRiMJjgtURTGSSUwB90kk46ZJq7bW0FlaxW1nDHb28KBIookCoigYCgDgADsKydJ8YaLreoS2Wn3EzXMcIuBHNaTQ+ZETgSR71AkTP8SZHI55FZ/hbWv7Y8T695et3V1BH5Bj0u60iSyewBU87pFVpA5GckcYphoXr3wP4T1O9lvNS8L6Nd3Ux3STz6fFI7n1LFcmrmo+HtF1iyhs9X0iwv7WAgxQXVskqRkDA2qwIHHHHaqWr+NNE0O4ki1Ke5jEOPPnjsZ5YYM4/1kqIUj4IJ3MMAgngg1uqwdQykMpGQQeCKXQOpHbW0FnaxWtnBHb28KCOKKJAqIoGAoA4AA7CqOl+GtC0S4muNF0XTtPmnGJZLS0SJpOc/MVAJ59am1TV7HRoIZtSn8mOe4jtozsZt0kjBUXgHqSBnoO9VNR8V6LpN7d2moXvlT2dgdRnTynbZbglS+QCDyDwOfajz/ruFun9dvzNiuN0P4f6fa+Jdb1rWdL0q8vbvVPtlldNbrJNAgjjVRvZcqQyMeDjnOanj+J3hCW6+zR6vmUTJCV+zSjBcgI5OzAjYsoEn3CSAG5q7q/jTRNDuJItSnuYxDjz547GeWGDOP9ZKiFI+CCdzDAIJ4INC0d16fk/8g3Vi1q3hjQdfkjk13RNN1N4gVja8tI5igPUAsDin2/h7RbTR5NJtNIsINNlDCSyitkWFw33soBtOe/HNaCsHUMpDKRkEHgiob6+tdMsZr3ULiK2tYELyzSsFVFHUknpSdktQWr0INK0TStCtWttD0yz02B33tFZ26wqzYA3EKAM4A59qil8NaFPrSaxPounSamhBW+e0QzKQMDEhG4YHHWm6P4j07X1f+zjeIVUMBdWM1qzKejKJUXcPcZHSsPwpd6rH438SaNqOsXWqW9jHaPbvdRQq6eYrlhmKNARwOoqtb6i0todjRWDq/jTRNDuJItSnuYxDjz547GeWGDOP9ZKiFI+CCdzDAIJ4INWdY8TaVoX2UX88jSXhIt4LW3kuZZsDLFY4lZiAOpxgZGTyKQzVproksbRyKrowKsrDIIPUEVmy+JdJg8OvrtxeCHTo1LPLKjIykHaVKEbg+75dmN27jGeKdpGv2GtiX7F9qR4ceZFd2c1rIAc4bZKqttODhsYJBGeDR6h5kx0jTTbWdudPtfIsWV7SLyF227KMKUGMKQDgEYxVXVfCnh3XrlbnXNA0vUp0TYst5ZxzMq5J2gsCcZJ496qWPjrw7qOow2Vpfsz3DMltM9tKkFyy9RFMyiOU8HhGPQ+hroaN9Q20Kf8AZGm/bLa7/s+1+02kZit5vJXfChGCqNjKgjsKfYabY6VbmDTLK3soWdpDHbxLGpYnJbAAGSeprN1nxhofh/UILDVLxo7y4jMkFtHBJLLOAwU7ERSXIJHygE4ycYBIWLxfoU3ht9fXUFXTo2ZHlkjdGV1bYUMbAOH3DbsxuJwAMkUb6/1/Vwt0Nqs7TPD2i6LNPNo+kWGny3JzO9rbJE0pyT8xUDPU9fWodG8UaTr1zcW2nzTLdWwVpra6tJbaZFb7reXKqttODhsY4PNa9AGVc+FvD97qjaleaFptxfshRrqWzjaUqV2kbyM42kjGenFWrzSdO1DTf7Ov9Ptbqxwq/ZZoVeLC42jYRjjAxxxiuPb4lwRfEC60WSz1I2UNgkwaPQ715jKZXU8CM5jwowwXBOcMeldLqnibS9GjtWv5ZhJeZ+z20NrLNPLgZOIUUvwMZ+XjIzihbJobvzW6l690+z1OxkstRtILu0lGJIJ4hJG464KkYPSqtl4c0TTYDDp2jafaRGIwmOC1RFMZJJTAH3SSTjpkmqr+NPD0fhoeIJdUiTSvMWNrlwwEblwm1wRlCGOCGA285xg1Xi+IHhuVL1vt0sYsbU3svnWc0W6AZzLHuQeanH3k3Dp6ij+v6+QjftraCytYrazhjt7eFAkUUSBURQMBQBwAB2FY974H8J6ney3mpeF9Gu7qY7pJ59Pikdz6liuTVGP4neEJbr7NHq+ZRMkJX7NKMFyAjk7MCNiygSfcJIAbmjUtbz8QtH0yHW7qwwZhNp8mjyGLUD5e4bbllCrs+98rHPQ0bsOhtaj4e0XWLKGz1fSLC/tYCDFBdWySpGQMDarAgcccdquW1tBZ2sVrZwR29vCgjiiiQKiKBgKAOAAOwrJ1nxhofh/UILDVLxo7y4jMkFtHBJLLOAwU7ERSXIJHygE4ycYBIktfFOj3vh9tatbppLFWZCwhkEgcNsMflFd+/d8uzbuJwAMmjdXDrYk0vw1oWiXE1xoui6dp804xLJaWiRNJzn5ioBPPrWdZ+HLrSvHV5q2mTxLpuqxhtQtJM5FwgCpLHgY+ZRhgeu1T61d0fxNpevzXNvp01wlzbBTNBdWkttNGGztby5VVsHBwcYOD6Vi+FLvVY/G/iTRtR1i61S3sY7R7d7qKFXTzFcsMxRoCOB1FGzB7F++8OXOr+NbLU9TnibTNKQyWNogOWuWBUyyHp8qnCgZ5Zj6U7xl4an8XaG+im/Sz0+6+S+At/MlkjyDtjYsBGTgjcVbrwAea6CszWPEWmaE0KahNKZrjPk29tbyXE0gH3isUas5AyMkDAyM9aWlrP+v6/wCAPW9y9aWsNjZQWlqnlwQRrFGgP3VUYA/IVLWBbeN9AutKTUY7yRbZ74aeDLayxuLguEEZRlDKdxA5AA71oDWtPPiBtDFx/wATFbUXhh2NxEWKBt2Nv3gRjOfaqd3q/wCuv5ak6JW/rt+ehfornrHx14d1HUYbK0v2Z7hmS2me2lSC5ZeoimZRHKeDwjHofQ10NIYUVyvxA1saR4ckWPWrrQZ5cFNTi0iS/SABlzvCqVXIOMsR1yOlbGs6/pfhzTUvtdvo7O1MiRG4l4QMxwMn+EZ7ngdzR0uBpUVgWHjbQ9TS8+xy3jyWUSzTW7adcJN5bZ2usTRh3BwcFQc4rH8G/ESLxHLeQXdpfxzJqdxawFNHu1j8tHIQyOybUbH3gxXB6gdKOtg6XO3orA1Txx4f0a+mtNQvZFktwpuXitZZY7UN90zSIpSIEc/OV456c1Lq/i/QtDuLS31O/WOe+jaS0iSN5GuAu3IjCAl2+ZcKMsc8A4NAG1RWNZ+LdGv9Fn1W2upGtreVoZla2lSVJQQPLMTKJN+SAF25ORgHIp2j+KNK12a5hsJp0ntArTwXdpLayxq2drFJVVtpwcNjHB54oA16K5RPiZ4Wl1Cysory8kl1CUxWbppl00Vyw6mOQR7HUddwJGOc45q5qnjjw/o19NaaheyLJbhTcvFayyx2ob7pmkRSkQI5+crxz05oA36KRHWSNXjYOjAFWU5BHqKhvr610yxmvdQuIra1gQvLNKwVUUdSSelD03Ba7E9FZWj+JdN11XaxN0mxQ+LyxmtSyn+JRKill9xkVSsfHnh3UdSgsrW9kL3TMlrLJaTRwXLLnIimZBHJ0JGxjkAkZFHWwX0udFRXKS/E3wjDeG0fVSZw8sQRbWZi8kbbXjXCfNICPuDLEYIBBBrodN1K01jS7bUdNnW4tLqNZYZVBAZSMg4PI+h5o3Vw2di1RVTVNVstF02W/wBUuEtraEZZ2yeScAADlmJwAoySSAASap6N4o0nXrm4ttPmmW6tgrTW11aS20yK33W8uVVbacHDYxweaANeiiuSi8X6nrOraha+EdGtr+202c21xe31+baN5gAWSLbFIX25wxIUZ4GaOtg6XOtorA1Hxpo+izWlrrU0lpqF3B50VisLzzPyAyosYbewLchcnAJ6Amnw+MtBn0a21WO+/wBDubtbKNjDIrCdpPLEbIV3I2/ghgMd8Ub7AblFZs3iDTINZm0qW523sFn9uki8tjtg3Fd+cY6gjGc+1Zul/EHwzrVzaRaZqLTi8OLacW0qwTNt3bFmKhC4Gcpu3AggjIIAtdg23OkorjdZutV0z4k+HIYdZunsNWkuEmsJIoPKQJAWG1hGJB8wzy5/Kt7WfEmmaC9vHqEspnuSRDb21tJczSADLERxKzlRxlsYGRk8igOtjUorkde8f6dZ+AbzxFory3wW3ma38uxnlVZUVjtmVF3RAMMNv245yRWj4X8U2/iTT4HjgvopzbpLL5+m3FtHlgM7GlQBhn0J4oWt/IHpbzN2iisK/wDGeh6dqsunXFxO1xAqtcfZ7OaaO2DcgyyIhSLgZ+cjA56c0eQG7RWXrHiPTNB+zrqM0nm3RIgt7a3kuJpcDLFY41ZyAOpAwMjPWqcnjrw3FpFpqbamptbyUwQMsUjM0oVmMZQLuD/Iw2EBsjbjJAoA6Ciue0Tx54a8R3sVroupC5mmhaaMeTIgYKQGG5lA3ruXcmdy5GQK6GgAorlJfib4RhvDaPqpM4eWIItrMxeSNtrxrhPmkBH3BliMEAgg1dm8a6BDp2n3q3klxHqaeZZpaWstxLMmMlhFGrPgDGTtwMgHBNHmHWxvUVjJ4u0GTwxJ4hXUYxpcYO+dlZShB2lChG4Pu+XZjdnjGeKW08U6be2V1cwLfgWihpYJdNuI5wpzgiFoxIwOCAVU5IIHQ0AbFFcR4N+IkXiOW8gu7S/jmTU7i1gKaPdrH5aOQhkdk2o2PvBiuD1A6Vpah8QfDWmXt9Z3N/K91p5/0uC2s5p5IF2B97LGjEJhh8/3c8ZzxR0uHVo6Wism98T6XY2drdPLPcx3ieZbixtJbt5EwDvCRKzbeV+bGPmHPIqF/Gnh6PwyviGXU449KLrGbmRWURsX2YcEZQhjg7gNvOcYNAbm5RWLpHi/Rdc1GSw065lNykQnEc1rLD5kROBJGZFUSJn+Jcjkc8itqgAorntV8deHtFvZ7a/vJQ1sFNzJDZzTRWu7p5siIUi45+cjgg9DmugR1kjV42DowBVlOQR6igBaKp6rq1joemTahqtwtvawgbnYE8k4AAGSzEkAAAkkgAZrK0jx1oWuaxdaXYS3ovbSIS3ENzptzbmJT0LeZGoGew6nBx0oA6GiuXsfiR4V1OSyFhqbTx3zrFb3C2s3kNIwyIzLs2LJx9xmDdBjJqv4x8S29nItouv3WipC6m+vLbSJLoRKcEKZijQwnkEmQHCkHAyGoA7CiuG+IXjuy8L6LFZ22v6da6vdy28Eb3M8e+GOWQI1wYyRkKu5s425HPGRWlo+r2EHh251C38U3Xii2WTb9pt4Yrxo24G1UtIhnGQSNpIz6UdG+wdvM6eiue8C3smoeDbO5n11tfdzJnUGsfsZlxIwwYsDbtxt6c7c96ls/GWiahqjWNlczTusrQ+elnMbYyDqguNnlFgeMBs5468U7a2Dpc3KK57VfHXh7Rb2e2v7yUNbBTcyQ2c00Vru6ebIiFIuOfnI4IPQ5roEdZI1eNg6MAVZTkEeopALRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUjMqIWchVUZJPYUtMmhiuYJILiNJYpFKPG6hldSMEEHqCO1J3toHqcl8PQ+p2eoeK7lWEmvXHnW4bOUtEGyBcdsqC/1kNJAW8QfFSeYgmx8NW/kJ1w13MoZz6HZFtHt5rV10MMVvBHDbxpFFGoRI0UKqKBgAAdAB2pltZ2tn5v2S2hg86Qyy+VGF8xz1Y46se5PNVonp0/4b8vxF09f6/ryOJ1mG78PfFaHxQ1hd3ulXml/2dcNZWzXEtrIshdGMaAuUYEjKg4IGeOaXx1JJ4p+H7f2dpmoSo+o2eIp7J45JEW4jLt5TAOFADZ3KOFJ+7gnu6KS0SXb/O43q79/8rFeW1tFuhqEltG1zFE0aziLdKEJBKggbsEgHA6kCuD8Na1FJ8UPENydP1qK31OOzjtZp9Fu4kdkRw2WaIBAMjlsCvRKKAex5D4yu/FGqW/i7TLg+I4ZGSW20zTtK0qOS3u4TFw73DxMMklsqJEYYwoLYz6doEbw+G9MimRo5EtIldGGCpCDII7GtCiiOit6fhf/ADB6u/r+Nv8AI5L4kWV1d+G7Saztpro2OqWd7LFAheRo451Z9qjliFBOByccVxPiePUvEniDxXqGn6Hqy2c/g+WztZJ7KSNrmXzGO1UYBwecBWAY4yAQQT7HRStdW9fxVilKzv6fg7ni+reHdRMmufZ9HujvGgLD5dq3zLFIpkC4HRAOcdO+KteMrvxRqlv4u0y4PiOGRklttM07StKjkt7uExcO9w8TDJJbKiRGGMKC2M+vUU5e9e/W/wCNv8iYe5a3S34GfoEbw+G9MimRo5EtIldGGCpCDII7GsL4k6Xfap4Tj/s21e9ezv7W9kskIzcxxSq7xgHgkgEgHqQBXW0U5Nylzed/xuKK5Y8vyMnSvEVtrEcsltZ6nEkKbnN5p01sc/3Qsiqzn/dBHv0rkfDWtRSfFDxDcnT9ait9Tjs47WafRbuJHZEcNlmiAQDI5bAr0Sil1DoeQ+MrvxRqlv4u0y4PiOGRklttM07StKjkt7uExcO9w8TDJJbKiRGGMKC2M72sabZrpPhm7vz4g03UbC1VYL7R7OS4kiJRQ8UkaxyZB2g/OhGV6g9fQKKSVlb0/C/+f9LQp6v7/wAbf5HA20F/4g+FUkPxAtr64Z5D+9s7ZobsxpJmK48lCWST5VcooJB429Vqvoo8SaxbeJNKTUNTu9JksPK0/UNX082V0k7IVZMFELqPlbeYxyxGWwa9Gookk013/wCG/r/LQE2mn/Xf+vI8k8N6Ql3Y+HNJ13U/GMF1pUsDLp8mjIttDNDwB9ojtdpj4OGEuCp65r1uiiqcm9/UlJLY5C7sLiT4zaXf/ZJGtotEuYzceWSiSGaEhd3QMQG464BrjYtF1i30251F9MvpU0zxtc6m1osLeZPbZYb40ON+N+8AZzt4ya9hopLS1un/AMlzDeqa7/8AyLj+pxOn+f4h+JcOv2dpeWumWGmy2bS3tpJavcySOj4EcgVyqhPvFQMtgZ5x21FFHRL+t7/qHVv+uxw2qzSaB8VhrV3Y6hPp15oy2gnsbGW68uVJmfayxKzDIfg4xweao+LLK/i+IOneIo7vXbPTZdLazM+kWCXMsEhcSfPC0MjhWAAJVOCoDYr0eiktLeV/xv8A5jet/O34W/yPK9V8ORP8Nb2PRjrWrtqOuW15cDUrAwzM32iHzD5Xkx4TC5PyY6nOK6z4haSt/wCBdfktbAXOpPpNxbwNHDvmYMn+rUgbuSB8o6kCuoookrxcf62S/QIvlkpf1vc8X1bw7qJk1z7Po90d40BYfLtW+ZYpFMgXA6IBzjp3xXS+LdZiX4h+GZU0/WpodKnuTdywaLdyogeAqpDJEQ+ScfKTXodFU3dt93clKyt5WOOns5rn4waRqa2czWiaFcr9oaBgqO00JCkkfKxAPBweD71zNo3ifQvCPiJ9Lsr2GafxXcM0i2ZlmitJJRunhiIPmcZIwGB5ODjFer0UttvP8Zc3/AG9d/60seaeEY79vidqWrXLeILywOjRxRX2r6elu0hWZ2ZURIozxnoyBjyRlSpqfw1rUUnxQ8Q3J0/WorfU47OO1mn0W7iR2RHDZZogEAyOWwK9Eoo6Jdv83/mD1bff/gf5BXD6xLNoXxRTXLqw1C7sLjR/scb2NnJcmKZZi5UqgJXeGHzEBfk5PSu4oo6p/wBbW/UOjX9b3PF9Oh1DVPh5f3i6ZcLPa+M2v7iyjAmmRI7xXdQEzvYDPC5zjjNa8kGo+KfiLrd3p+nalp9ndeFmsLS+vLV7cPKZW5CuAykFujAE4yARgnvtD0G18Pw3kdnJM4vL2a9k81gcPK25gMAcZ6d/c1p0rLlUfL/23lY7vmb8/wD27mR5J4b0hLux8OaTrup+MYLrSpYGXT5NGRbaGaHgD7RHa7THwcMJcFT1zXrdFFU5N7+pKSWxw3xauy3gPUdKtrLUry9vYQIY7PTp7gHDqSC0aMq/8CIpvjJz4n8K6Q+mWF9Oi65YtJFNYTROqJOpdmjkQMFA5JIxiu7opLRp9mn9zuN6/j+JxsdneD44z3v2acWLeHY4vtHlnyjILhjt3dN2DnHXBqt4Mum0HVtb0TU7DUop7nW7m5tp00+aS3ljlberecilF6kHcwIIru6KFpb5r73cHrf5fgrHkTaRdaZq3inT9c1TxVZ22q30tzH/AGVpCXsFzDKoXBdbWVlZQuwqxHAUjg5roU0JrPx14KW0gu7mw03R7qAXU8Jynywqm87QFcgHjAPXiu8oojpby/RNfqD1d/61dzlPGjajonh6W48JWXlXN1exG+nsrMSzJGxCyTrGAfNkCgYyG4HQ4xXI6Wt+PF/iLWLk61e6f/wjvlRXuvW0diJCryMyfLHHsUZ6uobqeVwa9ZqtqOn2uraXdadqEXnWl3E0M0ZJG9GGCMjkcHqKiSbT+f4qxSev3fg7njvgq7tn0vwSnijXLlbbTkh/s+FvDtzZxtO0RSNZLp90b4VmC7SoY4OT0N5tIutM1bxTp+uap4qs7bVb6W5j/srSEvYLmGVQuC62srKyhdhViOApHBzXXx/D2B00+31XXdX1XT9Okjlt7C7MAiDRj92WMcSu+3ggMxBIBOa66tJWk2+9/udvx089CI3SS7W/C/4a+WpR0Sxh0zQNPsLaSeWG1to4Y3uBiRlVQAWGBhsDngc9hWB8SdLvtU8Jx/2bavevZ39reyWSEZuY4pVd4wDwSQCQD1IArraKJNt83W9/1HFJKxyupXn/AAm3g/WtM0aHUbSa4sZIUlvrCa0Cu6EAfvVUn3Kggetc3NNdeJ/Dvhzw9Y6Lqen31ldWkt213YyQxWa27KX2ysAkhO3avls2Q2emSPTqKS0d/R/dqhPVW9fx3/I8e0fw/qEeuaNLLpFyix6/rVxI7WzAKriQRyE44DDAU9+MV3HwztLmw+GPh+1vreW2uIbJFkhmQo6HHQqeQa6mihaK3p+CsN6u/r+Luch8QrG8lttF1OztZr2PR9Vivbi1t1LySxBWUlFB+Zl3Bgo5O3jJwKg0/wA/xD8S4dfs7S8tdMsNNls2lvbSS1e5kkdHwI5ArlVCfeKgZbAzzjtqKI6P7396t+QPX8Pwd/zCvIxaT+HNA8Q+HNVsPECP9tur/Sr7R0u3Fx5pd0Be2+ZWVmIKyYB+U89vXKKlq9/S35f5DTsebeF9N1f/AISvwdeaza3bzweFGiurm4RmKXBaDKu5/jOG4JycH3rJ/sbVl8JazI2m3rG28bHUhCIHMklstyjl40xlxtBI25zg4zXr9Fac3vcy/r3uYm2ln/Xu8p5gZrrV/iRrWsx6TqVrph8LtbQ3V5aPAJXErMQFcBlPPRgpOMgYIJzvDsh8TfD7wFomjWF+rWZsLy7uprCW3hhSEK7FZHVVkLH5Rs3Z3E8DmvW7q3S7s5raQsEmjaNivUAjBxVbRNJg0HQLDSLN5Ht7C3jt4mlILlUUKCSABnA7AUo6fK34OT/Uctfnf8kv0OK8W6zEvxD8Mypp+tTQ6VPcm7lg0W7lRA8BVSGSIh8k4+UmrOoSy6J8TI/EdzZahdaXf6StmslpYzXD20iyNJh4kUuoYN128FcHHFd1RSWjT/rawPW6/re555p/h/U9S8G+N3NtJaP4ke5lsrSZdjor26xKXUn5GYruIOCN3ODkDe8E63HqOgWNm9jqdld2tnEs8V7p88ARgoUqHdAj8j+En1rpaKFpp5JfdsD1/H8dwrzHxdDPpOt6rqPhCXxFZeIboRn7JDpj3VhqEi4CF2KFI8qNhYSRkAZPTn06il1uO55r4o0/V7fx3pfiC5utYsrV9JNlNLodml41vPvEhBjaGVtjYxuVeqLkjPNVfDkSS+G7jSjrWqRTeKG1C8l1OwMEkbG3kBcx+THsXcFwdoGT1r1SimtGvL/Pm/Ml6r+u1vyPJPAuh6jY6z4Re40u6t0gt9X89nt2QRs9ypTdkcFgMjPUdK9boooWiSH1uePaP4f1CPXNGll0i5RY9f1q4kdrZgFVxII5CccBhgKe/GKPBFrf+EG8ParrWlao1rP4di09xBYzTy2cySM5V4kUuoYN124yoBxkV7DRSj7treX4Jr9Qet/P/O55ta6Al/4W8UXPiPTtSisNc1IXsNraxuLu2jCxhJdifMsm6MSbQC3YqTla0/A95rs2talBc3epajoMUURtLzWNONndebjDx7SkZdQADvKDliMtgmu2oprT+uyt/X9IHr/Xnc4TwZdNoOra3omp2GpRT3Ot3NzbTpp80lvLHK29W85FKL1IO5gQRVvwtpksXjHxtNeWTpDe30HlvLEQs8Yto1OCR8yg7h6ZzXYUULRW8rfl/kPq353/AD/zOD8U3eqaRrml6Zp39paP4cSzf/SNB0oXcglUgJDsEUgjTbkg7OcYyMc8tDoerzfCfU7S80zUpLq48Ti4MN3bqZ5IjeRuXdYxsPy5JKjb1xxXstFC0d/63T/QT1Vv62a/UhNlatfJetbQm7SMxLOYx5ioSCVDdQCQDjpwKmoooA8z0+5uvDFj4m0O90XVL69vr+5uLN7ewkmhvFnOUDSgFI8Z2t5jLgLnpzXZ+ENJudB8F6PpN9KJrmysooJXUkgsqgHBPbitmihaK3ovu2B6u/r+O5wfxfleLwlYCGUQzNrFl5UoiMzxsJQwZIQQ0xG37i8kZI6VD4WurK88Varc3+rT3fiG8sURbeTRrjTFW2jLY8uKfLP87nc25uoGB36vxF4btPElrbR3UtxbT2dwt1aXVswEkEq5AYbgVPBIwwIIPSqul+EIbHXv7b1DU7/WdSWD7NDcX3lDyIydzKixRooycZJBPAGccUkrpp+f4pL+vIbezXl+d/68zP8Ah1oiRfCzw5YaxpipLbW8UjW91b4aKVTuDFWHDBuc9Qea5Lxld+KNUt/F2mXB8RwyMkttpmnaVpUclvdwmLh3uHiYZJLZUSIwxhQWxn16inP3279Qi+W3kcF4m069n8B+FreCzuJZoNR0t5Y0iYtGqSxlywAyAoByT0xzXZalqUGlWTXV0l1JGpAK2tpLcPz/ALEasx+uOKt0VUpN383f8v8AImKskuyt+f8Amee/DWSWf4ePojW2p6dqCC6JN3p09uE8yWQoQ0iBWOGBwCSO9Wfh5qZ0zwvo3hm+0bVLPU7G3W1nQ2Egg3IMNIJ9vlMrY3cNk56Z4ruaKlafh+H/AA4/6+88z0+5uvDFj4m0O90XVL69vr+5uLN7ewkmhvFnOUDSgFI8Z2t5jLgLnpzXZ+ENJudB8F6PpN9KJrmysooJXUkgsqgHBPbitmihaK3ovu2B6u/r+O4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFZniXXIfDXhfUtauUMkVhbPOyKcF9oztH16Vp1R1vSLbX9BvtIvt32e+t3gk2nkKykEj35qZX5XbcqNuZX2OO0rUryCXSZfFXj60stY1BYpxof8AoscDK5wI0Vh5zd1DeYcsM4I+Ws/wv4y1u41LxVBq9550SXt/FpT+Sq+T9nPMZIAB+VkYbsk7X9KsXXhTxlqWl6Doupvo01tpGo2ty2ppcypLcRwPkZt/KKq5AGf3hGcn2qRfh9qSeGtct0nsxqVxrdzquny722IJDjY525G5C6NgHAbvVT1UuXzt/wCS2ffv93mKPS/dX/G/y2+8PAnijWNZ1rSoNSvPOjuPCtnqEi+Ui7riR2DvwBjIA46egrL1rxZ4gEWqQ2uqyWrL4wttJimigiLRW8iRblG5CCcuxywJrW0jwd4g8MnQr3Shpt9eWmhQ6Re29xcyQRt5eGWSOQRuepYYKDIIORjFQah8Nr7VdAMF++nz3V94hh1jUYXDG32KVDQrlSX+RAuWA3HJIXOBcrc/lf8A9vT/APSfw0JV+X+v5bf+lfjqaWkajqtj8Srjwvd6rLrtm2mi9ee5ihWW0ffsEbGJUUq4yRlc/KeSOlfwZpWn6N8TvGNpo9ha2FsIbBhDawrEgJSTJ2qAMmuv03RdN0Gxkt/D+lWOnxsxk8m1hWBHfGMkKOvAGcE8Vy+haV4ttPHWqazqGm6Kltqq26SLBqssjwCJWGQDbqHJ3dMrj1qOy/rqD2f9diW48a6pcHVLnw1oEWqadpMrQXEz3/kyzSJ/rVhj8tg+3plmTLAgcc1j+MPE2uXZ8HX/AIWjtX0zUtSt3hlbUpIGuQ8MjeXIixMAmMEnLcgfL3F9PDXijRl1nTPD7aW+m6rcy3Md1dzyrNZNMcygRqhEoBJZfnTrg9M1Z1bwTNF4R8P6b4blh+0eHbi3ntBeswSYRKUKuygldys3IBwe1JbJv+7/APbfd/Vynu0v73/A+/8AqxsPaa1qukIt7eN4fvFkLMdJnjuQV7DdPBjnr9wHjrXM/DfUNUvfBUXifxL4mvbtTHOZoZobZIY1jkYbx5cSvkKn94jk8dMdppsmozWIbWLW1tLnJBjtblp0x2O9o0OfbbXO+FfB0umfDP8A4RbWpIpDJFcQzNbsSpWV3PBYDs/p1oldJ23BWbV+5BaePL9l0e+1PQBZaNrcyQ2dwLzfOhk5iM0OwBAw/uu5BIBHXBN421q41vxBpmgeGFvpNDdRJLPfeSk4aJZAqYjdjJzjaRtxg7hnFZvhn4ff2JJp1vd+CvBs/wBhZVGsQjy7l9h+WXyvs5xJwCf3vXJzXT6BoN1pXiTxLqFxJC0Wq3cU8CoxLKqwpGQ2QMHKnpniqdru3n+lv17Eq/Xy/U5nXvitPoxlaLwzdTJbaXbapcrNN5MkMUrlGQoUP7xSBhSRn5uVxztaR4p1TX7XWraHRLeDU9NuEgNrc37LG6vGkgJkWIlWCvggKwBGAxHNZnjDwJqfiDUPEM9nPaIup6Tb2MIldgVeOZ3JbCnC4YYxk57Vp2Gia3omqeJdRsIbC9l1S8hmt4Zrp4VCLCkbb2ET4OVJAAOeORU6Pfz/AD/yHs9P60X6lf4eXWn2nwrgudH0hdMtLdbllsVunnCFJH3ASONxywJyRxnpVTSviRqF7b+HNR1Dw4un6T4hljgtpXvw86SPGXUtEE27CVIB35wQSozgWPBvh7xFpHgy48P6zb6XGPLn8m4tb6SXe0ru2GVoU2gb8ZBOcdKifwPqTeEfAulie18/w7d2c1229trrDEyNsO3JJJ4yB+FUtZXl/d/N3E9tP73/AADW8T+Idc0C1vdRttBtrvS9PhM08kmo+VM6Ku5zHGI2VsDONzoSQRwME4fxZstJ1r4VXurTWFtcyxWyTWdxNArSQh2Q5UkZUkYzisvxF8MdU1m68SCWw8Oam+rs5tNW1UPJcWCGMKsSR+WQApzhlkXG7cVJGDveLfDviLVPh8nhnR7fS5DLZxwT3N1eyReWybfuqsL7gdp6lalfDd76frcp7q3n+lvv1O3T/Vr9BUV410lnK1hDDPchf3Uc8piRm9CwViB77T9Kh0t9RksVOs2tra3OSDHa3LTpjsd7Roc+22rlNkx2PO/h1q3i2+OqDULOwmtk1y8ikmfV5ZJIAshGyNDBhlXovzLx2HStK/8AG+oCTWJtD0JNR07Q3Md7PJe+TI7qoeRYE2MHKqR95kBbIB4zUnh/Rdf8Oa1qUEEGm3ej3+pS3wne7kiuIPNwzr5flMr4bODvXg9qw5/hstn4g1a7g8J+FPEUGpXRvBJq48qeB3++m7yJd6ZG4H5cbiMHrS1svT8dP+D/AJlaXb8/w1/4H+Rt6j46kTVNAsdC0htUfXrOS6tpDcCFIgoQgyHBIXD8kBiCAArZqrdePtWsLezivfC8kep3WrNpa2/2lvKdvLZ0lSUxgvGcAFtox83BK4Ok3hiYeMPD2qWsVnaWWl6fcWr2sJICGTytqxgKBtHlkdu3HpP4m0G61nVPDtzayQoml6kLuYSMQWTypEwuAcnLjrjjPNVpdev/ALd/kJbfL8bf5mF4T+JVx4l1LTra40FtPTULe5eGRroSEyW7qkgxsHyZb5Xzk4OVHGZvBzRnx74q+1aFa6brBW0e9uLXUZLpLkFG8vh0QIVAxwvOaqeG/AmraHfeH7maayl/su31GORUkf52nmWRMHZ0AGCe3YGrehaV4ttPHWqazqGm6Kltqq26SLBqssjwCJWGQDbqHJ3dMrj1pR2Xf/g/8MD6le++IuqxHxLJpvhhbm08NyyLd3E+oCESqsayHygI2LPhjlW2gfL8xyQOnudV1K502yuvDWnW98LuITBry8NtGiEAjlUkYsc8ALjg5I4Bwj4N1A6D45svOtvM8RTXElodzbUElskQ3/Lx8yknGePyrN1TwDqdy3h1pbLRtfttM0sWcul6rK626zAKPPT904Y4BX5kBweCMmktlfsvyd/xshvfTz/NW/C/3HSaLf2Pjvw1OmtaRAwjuZLS9sLlVuIlmifDAEjDrkAg4HbgGs34RRpF8MtPjiRURJrlVVRgKBcSYAFHhDw1rXgvwld2VnbaPdXkuoTXMcEUj2dsqSNnauEkKYHRcEds1P8ADzR9f8O6Amka7baascLSvHPZ3skxcvKz4KtCm0DdjOTnHQU/Tt+NiX+v4anXVg3fjLTLK8ltprXW2kiYqxh0G9lQkejpCVYe4JFb1YN34N0y9vJbma61tZJWLMIdevYkBPoiTBVHsABS1uM2oJlubeOeMOEkUOokjZGAIzyrAFT7EAisTxj4oPhLRob9dPm1FpbyC1FvA4V2MrhBt3cE89CQD6jrW3BCttbxwRlykahFMkjOxAGOWYksfckk1h+MdBuvEOnafBZSQo9tqlpeOZWIBSKVXYDAPOBx2z3FPeSXS6+6+v4B0fo/vsU9N8ZXI13UNJ8Uadb6TcWenpqW+C9NzG0BZlYkmNCGUryMEc8Gq1p48v2XR77U9AFlo2tzJDZ3AvN86GTmIzQ7AEDD+67kEgEdcTal4Nl1Xx1qOp3UkP8AZl94fOkugY+buMjMTjGMbW9evasfwz8Pv7Ek063u/BXg2f7CyqNYhHl3L7D8svlfZziTgE/veuTmiOtr/wBau/4WCWl7f1ov1v8Acb2iePNO1K3sl1Dbp2oXtzd20Nmzly7WzssmG2jsu7t1xzWl4T11vE3hPTtae0Nmb6ATCAyb9gPT5sDPHPQda4O/+GeuzTeI7mzu9OS5lu/tWhGRpMW5eTfN5uFyN5yPlzwa9C8PaZ/YnhnTNLOwmytIrclPukogXj24ojrG730/4IP4rLbUxPiZrV3oHgea/sNQ/s6Vbq2ja72ofKR50R2+cFfuseSDipfCd/p97Jdf2Z46/wCEqKKu6Mz2biDOcH/R41Izj+LPTip/G2g3XiTw2NPsZIY5ftdtPumYhdscySMOAecKce9bzlxGxjVWfB2hjgE9snBx+VJaJ3/rRDetjivBzRnx74q+1aFa6brBW0e9uLXUZLpLkFG8vh0QIVAxwvOag8SaTp1t8W/B2o22n2sN9dTXaz3UcKrLMBbHAZwMtj3qfQtK8W2njrVNZ1DTdFS21VbdJFg1WWR4BErDIBt1Dk7umVx60viPSvFmoeMdH1PTdO0Z7XR5ZnjE+qSxvOJItnIFuwTGc9Wz7U+xL1ua2teJLq01610LQ9Pj1DVLiB7plnuTbwwQqQu53COcliAoCnODnAFV9N1O48Z6JN5F3feHb6xvHtbxLUwSskqfeUNJG6shyCG2qSMdORWb4r8CtrfiSw8Q/wBjaFrFxHaGzudP1cZiKk7w8cvluVZWyOU+YMfu9+h8MaRHo+kNAmhaTobPIXe20lt0JOAN2fKjySAP4ew5NL7Lvvr+en4De+n9af5nMfDfUNUvfBUXifxL4mvbtTHOZoZobZIY1jkYbx5cSvkKn94jk8dMW7Tx5fsuj32p6ALLRtbmSGzuBeb50MnMRmh2AIGH913IJAI64n8K+DpdM+Gf/CLa1JFIZIriGZrdiVKyu54LAdn9OtY3hn4ff2JJp1vd+CvBs/2FlUaxCPLuX2H5ZfK+znEnAJ/e9cnNUvi120/4P6A9tPP/AIBpTeNtauNb8QaZoHhhb6TQ3USSz33kpOGiWQKmI3Yyc42kbcYO4ZxWdr3xWn0YytF4ZupkttLttUuVmm8mSGKVyjIUKH94pAwpIz83K456bQNButK8SeJdQuJIWi1W7ingVGJZVWFIyGyBg5U9M8VgeMPAmp+INQ8Qz2c9oi6npNvYwiV2BV45nclsKcLhhjGTntUrp/XR/qPTX+uq/S5p6R4p1TX7XWraHRLeDU9NuEgNrc37LG6vGkgJkWIlWCvggKwBGAxHNV/h5dafafCuC50fSF0y0t1uWWxW6ecIUkfcBI43HLAnJHGelWLDRNb0TVPEuo2ENhey6peQzW8M108KhFhSNt7CJ8HKkgAHPHIqp4N8PeItI8GXHh/WbfS4x5c/k3FrfSS72ld2wytCm0DfjIJzjpSk3yvl3t+Ngjuuba5X0r4kahe2/hzUdQ8OLp+k+IZY4LaV78POkjxl1LRBNuwlSAd+cEEqM4Gz4n8Q65oFre6jbaDbXel6fCZp5JNR8qZ0VdzmOMRsrYGcbnQkgjgYJyX8D6k3hHwLpYntfP8ADt3ZzXbb22usMTI2w7ckknjIH4Vi+Ivhjqms3XiQS2HhzU31dnNpq2qh5LiwQxhViSPyyAFOcMsi43bipIwbno3y93b8Lfr9wodObsr/AI3/AE+81PizZaTrXwqvdWmsLa5litkms7iaBWkhDshypIypIxnFdjrerwaB4avtXuxmGxtXuHA7hVJx+lcx4t8O+ItU+HyeGdHt9LkMtnHBPc3V7JF5bJt+6qwvuB2nqVrX1TSdQ8T+BNT0fWoLWxub61lt8Wl006LuUhW3tGh/Db+dTU0UuTzsFPVx5/mQ+A9KuLTw+upatM1xq+sBby+kJOFZlysSA9ERSFA9s9Sax/D3wrh0G+8OXK6n5x0N79wPs5XzvtLE/wB87ducd8+1bfgLXhrvhO2M6mHUbIC01C2c/PBcIAGU/X7wPcEGukq5WU7x+Xp/wxMbuNpfP1OGk8eaxPe+II9I8MLdQaBO8VzPNfiLzgsaviIBG3Phj8rbV+78xycTXXj6afWNG0/w1o/9qNrOmnULeeS58iKOMMnMh2sQMP1UMc4GOSRz+jweI9Q1Lx7puhw6bFbXesyRSX9zdSeZBut4QxWFY8PheRmRefpz0+n+Dn0rxZot5YyR/wBm6Vob6WqOx80nfEVOAMYxGc8jkjipjtG/ZP8A8lbf42Klu7d3+a/S5Wj+IoPg+bVJdLI1GHUzpBsI7gMpu/O8pV80qPkJIO4rkA/dzwbGh+KtbvvG194d1rQrKwaztI7r7Rbak1wJVdiq7VMKd1YHODwMAg5rifFfhy60XwtJpN60NxJ4h8ZC4ghjneKOVJJPMEckoAaI4QncgYhgoAOTXR+E7hdB8czeHbzQobXUdQs/t73sGrzak8iI2wLLJMiyKBn5Rkr97GDnJHVa/wBe6n+Dv+QS0v8A19pr8UL4e+FcOg33hy5XU/OOhvfuB9nK+d9pYn++du3OO+fau/orhfE2v60vxL8MaR4YvreeHzZTrdisYdooSgKSSNgmMf3R8u4kdRnAt1EH1l8zuqwvGvhlfGPgzUdAa5+yC+jCef5e/Zhgc7cjPT1FbtFG402ndHEzaba/Dz/hMPGcsxuYrm3iuGtlTaUEEOwKGJOdx9hjPeq2laleQS6TL4q8fWllrGoLFOND/wBFjgZXOBGisPObuobzDlhnBHy12Ot6Rba/oN9pF9u+z31u8Em08hWUgke/NcNdeFPGWpaXoOi6m+jTW2kaja3LamlzKktxHA+Rm38oqrkAZ/eEZyfanF+9r5fd1/QTSUdPP/gfqaU3jbWrjW/EGmaB4YW+k0N1Eks995KTholkCpiN2MnONpG3GDuGcVtSatrF1pFhd6JoivNdxCaSHU7lrT7OCAdjYjdt+TjG3HDZI4Bi0DQbrSvEniXULiSFotVu4p4FRiWVVhSMhsgYOVPTPFY/jLwff674msNSSw0nXLG2tZIW0rWZWSFJWYETriOQM2AVwV4B4Iyanovl+Wv4j6k8fja7vfBt1qdpoF5LfWs1xaXNrbTQt9mli3Bm3yPGHTI4I5II+XrjH+EtjZv4c0vU28ISWmp3GnpPNrt0ts0l68gDOTIkjSncSW+cDjrjpWv4O8G3nhvwXqmjXDaeJbu5upohYxGKCNZclVCHOwDOMDOB3NbPhXSrrQPA+kaTOYZbuwsIrdyjny2dECnBIzjI64z7VS0TfkvydxPWy83+asYPg5oz498VfatCtdN1graPe3FrqMl0lyCjeXw6IEKgY4XnNX5fFOpX2v32m+GNHgv00xljvbm7vTbIspUN5ceI3LsFIJztAyBk84oaFpXi208daprOoaboqW2qrbpIsGqyyPAIlYZANuocnd0yuPWpbfQvEXh3xHrNz4di0u+sNYuBePFe3MlvJbTbFRyCsbiRSEU4O0g55OeF1X9f1oHf+v6/yL+qeJ7uPXYNC0HTYr7VXtvtc8d1dfZ4raHO0FnVJCWLcBVU9GJIwM2PDHiL/hIbO6+0WbWF/YXDWt7aGQSeVIADwwA3KVZWBwMg9AeKztT0LW7XxfF4k8Piwu7iWyFje2t5PJbpIqsXSRHVJCpDMw2lTkN1GObnhPw/caJDqF1qU0cupatdm8u/Jz5UbFVUImeSqqqjJwTgnAzgC8/P776fgD8vL8tfxOgrgPD3wrh0G+8OXK6n5x0N79wPs5XzvtLE/wB87ducd8+1d/RQtHcN1YKxvFviD/hFvC93rH2b7V9n2fufM2btzqvXBx97PTtWzXGfEb4f2PjXw5eRRabpb6zJGkdvfXkCl41DhiPM2lgMbuB6+9AHZ0VQ0jQtK0C1a30TTLLTYXbe8dnbpCrNjGSFAyeBzV+hgjgPD3wrh0G+8OXK6n5x0N79wPs5XzvtLE/3zt25x3z7VZ19m8TfEKy8LGZo9OsLZdU1FEJBuDv2wxEj+DcrOw77VHTNdtXDarIvhn4s2esXZZNO12zXTJJifkhuI3LwhvQOHdQfUAd6F8UV/Wzt+IPaT6/8HX8Lmxr/AITj17xL4f1aS58r+xZZpPK8vPneZEUxnI24yD0PTFP8EeF18GeDbDQEuftYs1Yef5ezfuctnbk4+961vUULQHqFY2meIP7R8Ua3o/2by/7J8j995mfN81C3THy4xjqc+1alzbQXtrLbXkEdxbzIUkilQMjqRggg8EH0rh9E+Fmh6X431jV5NA0L7JObZtOjjsk3Wrxqd7AbAEJbByp5xk0LcHsd7XP6/wCJZtN1Wx0bSLAalq98ryxwyT+TFFEhG+SSQKxVQWAGFYkkDHUjoK5bxB4f1R/Fem+JvDps5L20t5bOe1vXaKOeFyrcSKrFGVkBHysCCRx1o6r+v61/AOjNdLzV/wCxWml0qEamPlFrHebomOcA+aVB2c5J2buDhScA4H/CS313Jrmga7pkFhqFvphu0+y3ZuYpYnDrnc0aEMGUggr6EE9neK9A17xT4OSzlNhBefaopp7ITyG2uIlfLW7y7QxVh1Oz22kZzleHvh9d6d4j1bUjp2gaLb6hpf2JbLR4yFicMx3M2xBISG+9tXsMHG4xNOSa8n+X+f8AWxUWk0/T8/8AIpeB/F2o6V4B8Gf2joQg0e7gtLBLtrsGdZGjCo5hC4EbMAAd+7DAlR0G/f8AjfUBJrE2h6Emo6dobmO9nkvfJkd1UPIsCbGDlVI+8yAtkA8ZrO0nwd4in0Dw3oGvppdrp+hNbSNLZ3ck8l29uBsG1okEY3AMTljxjvmoJ/hstn4g1a7g8J+FPEUGpXRvBJq48qeB3++m7yJd6ZG4H5cbiMHrWtR3k362/C369iIKyS9P1v8Ap3Oiv/GYY6PbeHLEapf6xb/a7aKWbyI44AFLSyOFYqPnUABWJJAx1I1kvNX/ALFaaXSoRqY+UWsd5uiY5wD5pUHZzknZu4OFJwDg6n4X1G21zRtd8LwabDc6fZvYS6dK7RQPA21tqSIhKbGQY+QgjIwKXxXoGveKfByWcpsILz7VFNPZCeQ21xEr5a3eXaGKsOp2e20jOZdunf8AX/LX7/IF0v8A1/T/AK3Lei+JL288R3nh/XtLt7G/gtY7tPst2bmGWF2Zc7mjQghlIIK+hBPbF8GaVp+jfE7xjaaPYWthbCGwYQ2sKxICUkydqgDJo8JeCL3QfGF/ri6V4f0mC509baPT9IVkVXWRmy7+WofIP3tikcDBxkz6FpXi208daprOoaboqW2qrbpIsGqyyPAIlYZANuocnd0yuPWjt3/4LB9fl+n/AATntL8Sap4fv/iDeWOhi+tLDVpLu6mluxANgtoiViAVi7gKThti8r83Jx1914xludRstN8L2EWpX11ZLqDC5ujbxQW7cKzOqOdzHgKFPQkkYGaZ8G6gdB8c2XnW3meIpriS0O5tqCS2SIb/AJePmUk4zx+VRW/hTXdC1DSdV0Iafd3cWkQ6Xf2t3cyQxyCMZWSORY3IIYsMFOQ3YjkWyT7R/wDSX+tkOW7a7v8ANfpc3/DHiL/hIbO6+0WbWF/YXDWt7aGQSeVIADwwA3KVZWBwMg9AeK265/wn4fuNEh1C61KaOXUtWuzeXfk58qNiqqETPJVVVRk4JwTgZwNu5toL21ltryCO4t5kKSRSoGR1IwQQeCD6UPZei+/r+ILf+tjL0zxB/aPijW9H+zeX/ZPkfvvMz5vmoW6Y+XGMdTn2rZrgtE+Fmh6X431jV5NA0L7JObZtOjjsk3Wrxqd7AbAEJbByp5xk13tHQDntf8Jx694l8P6tJc+V/Yss0nleXnzvMiKYzkbcZB6Hpiq3h3wJZaP8NovB19L9vtFgkhlkCmIyB2ZiQAxKn5ux7Zrqqhu7u3sLKa7vZkgt4EMkssjYVFAyST2AFLRJ9h6to5n4fareXOmX+j6vcG61HQbxrCa4b706ABo5G/2mRlz7g11lcb8OYJ7my1bxHdRSQHxBftewRSDDLbhFjiyOxKIGx23V2VU76X3sr+ttfxJVtbbXf3X0OA8S/CyHxFeeJbhtT8g68lkpH2ct5P2d92fvjdu6dse9d+BgYFFFLZWHu7gelY3hLxB/wlPhaz1n7N9l+07/ANz5m/btdl+9gZ+7np3q3q2iaVr1qttremWepQI29Yry3WZVbGMgMCM4J5965n4c/D6x8FaBbRzaZpS6wglWW+tLdQ7o0hYL5m0MRjaMH09qF5gztK83/tfxmPi9e2cGn6bJEujxyJaya1MsO3z5AJeLc4kOMEbeAB8x6V6RXJ6vomuW/jmPxJ4ei0+7Mmn/AGG5tb65e34WTejq6xyf3mBBUdRzS+0n6/kx/Za9PzRS+KchHgG4bV9As9Y0tUSS/tn1OW2YEOpXyykZL/N6lOnvWz4u8T/8IjoVvfpp02oGW7gtFtoHCuTI4Qbd3BPPQkA+o61Q8f6R4i8SeE59F0e00vN7CFnmur+SPyWDA4ULC28cHklfpWV8Q5dYPgzSXvrGxi1FdesPLt4b15IWIuE25kMSkZ7/ACHHvT6pea/FpC6fJ/lc14PGs1jqF3ZeL9Pg0iW309tSV7e7NzG0CHEmWMaEMpK5GCPmGCagi8canCul3+s+H47HRdVmSGC5W+8yaEyHEJmi2BUDZAO132lgD60kng6+8SX+p33i4Wts13pcmlQ2unzvMsUUhzI5kZEJYkLgBQAF6tniBPDHifV7DSNG8Stpaadpc8M8l1ZzyvNemBgYgY2QCLJCs3zv0wOuQ47q/l913f8ACwn1t5/krfjc7ysbxb4g/wCEW8L3esfZvtX2fZ+58zZu3Oq9cHH3s9O1bNcZ8Rvh/Y+NfDl5FFpulvrMkaR299eQKXjUOGI8zaWAxu4Hr70hnZ0VQ0jQtK0C1a30TTLLTYXbe8dnbpCrNjGSFAyeBzV+hgjgPD3wrh0G+8OXK6n5x0N79wPs5XzvtLE/3zt25x3z7V39FFHSwdbnPa/4Tj17xL4f1aS58r+xZZpPK8vPneZEUxnI24yD0PTFP8EeF18GeDbDQEuftYs1Yef5ezfuctnbk4+961vUULQHqFY2meIP7R8Ua3o/2by/7J8j995mfN81C3THy4xjqc+1alzbQXtrLbXkEdxbzIUkilQMjqRggg8EH0rh9E+Fmh6X431jV5NA0L7JObZtOjjsk3Wrxqd7AbAEJbByp5xk0LcHsd7Wdq9zq8CxLoem217K2S5u7w28aAY/iWORixzwNuMA5I4B0a4fxl4Pv9d8TWGpJYaTrljbWskLaVrMrJCkrMCJ1xHIGbAK4K8A8EZNIZKPiEo8HPqr6W41BNQ/so2AmBX7X5vlBfNxjZuIO/HTnbnipNH8W63deMNR0HWtBsrFrGyS88+21NrgSq5YKFBhTHKMDnB4GAQc1wuu+Fbnwz8PLLw5dixkl1bxSjRW1jvtLV1eTzBEWB3QKAhwU3EEKBnJrpvDMo0XxldeGrvQoLTUtSsDetew6vNqTyIh8sLNJMiyKBn5Ryv3sYOcmrWm/wCvKn+Dv+QbP+v5rfkT6F4/1vXNH0bWo/CEselalLHE7LdmS4h3nHm+UsZBiBx8xdTjLFQOtq/8b6gJNYm0PQk1HTtDcx3s8l75Mjuqh5FgTYwcqpH3mQFsgHjNavgnRLnw34H0jRr54pLiytlhkaEkoSPQkA4/AVyU/wANls/EGrXcHhPwp4ig1K6N4JNXHlTwO/303eRLvTI3A/LjcRg9acviaXn+lv1Etrv+t/8AgG/eeM5Z73SLHwxp8Wo3eq2TahH9qujbRR242/MWCOdxMigKFPfJGOU8LeLNX8SeF7vUX0GG2vobuW0SyXUPMBeN9jF5PLUKAwJO0N8oyAT8tcn4k0qTUfijpGk6Vp8Jk0vQWkWzj1WfTIrZXlVAYpbdd7cIVKlAoAU5BOKlt7J/GHgS88N6DptnpDaFqy21zYi5eSzvVjYPJEZggZg+75iUJ3ZDA5OXo9V5/wDpVr/1cNt/L8r2+fyOu0nxTdy6/f6L4i0+3029tLRL0NbXhuIZIGLLu3NGhBDIcgr6EE9meHvE2reI1t9SttCii0K6O63uZb0i5eM/dlMHl7Qp6j95u2kHGeKxfDPw+m07xRqepXOl6DpFjqGmCyOn6MhAQh2JZm2IHJDfe2rjgYONx1PCOleKPDum2GgXa6Vcabp6CCPUEnkE8kKDCAweXtDYABPmEd8dqF5/1q/0t+In5f1ov1v+BY8T+Idc0C1vdRttBtrvS9PhM08kmo+VM6Ku5zHGI2VsDONzoSQRwMEpeeL5ZtUs9L8M2EWpX9xZi/cXVybaKC3bhWZgjtuY8BQp6MSRgZ5DxF8MdU1m68SCWw8Oam+rs5tNW1UPJcWCGMKsSR+WQApzhlkXG7cVJGD0H/CMa5o+s6drOgDT7u5XS49NvrW8uJIY5Fj+ZJEkVHIIYsMFOQ3UEczHVa/1o/1sv+AVLy/rVfpdm34Y8Rf8JDZ3X2izawv7C4a1vbQyCTypAAeGAG5SrKwOBkHoDxW3XP8AhPw/caJDqF1qU0cupatdm8u/Jz5UbFVUImeSqqqjJwTgnAzgbdzbQXtrLbXkEdxbzIUkilQMjqRggg8EH0pvZei+/r+Ilv8A1sZemeIP7R8Ua3o/2by/7J8j995mfN81C3THy4xjqc+1bNcFonws0PS/G+savJoGhfZJzbNp0cdkm61eNTvYDYAhLYOVPOMmu9o6Ac9r/hOPXvEvh/VpLnyv7Flmk8ry8+d5kRTGcjbjIPQ9MU/wR4XXwZ4NsNAS5+1izVh5/l7N+5y2duTj73rW9RQtAeoVwHh74Vw6DfeHLldT846G9+4H2cr532lif7527c4759q7+ihaO4bqwVjeLfEH/CLeF7vWPs32r7Ps/c+Zs3bnVeuDj72enatmuM+I3w/sfGvhy8ii03S31mSNI7e+vIFLxqHDEeZtLAY3cD196AOzqG8a6SzlawhhnuQv7qOeUxIzehYKxA99p+lVtI0LStAtWt9E0yy02F23vHZ26QqzYxkhQMngc1foYI87+HWreLb46oNQs7Ca2TXLyKSZ9XlkkgCyEbI0MGGVei/MvHYdKua4yf8AC1PDP9q6DaytuuU0zUo9Rl82E+TmTdB5YQ5A2/eb14q14f0XX/DmtalBBBpt3o9/qUt8J3u5IriDzcM6+X5TK+Gzg714Paq/iPSvFmoeMdH1PTdO0Z7XR5ZnjE+qSxvOJItnIFuwTGc9Wz7UJ6R9F+Sv/X5g95fP82VviLqniWw1jwzHo1vai2m1iKPc2pSQNOxjlJikVYmAj4znLcgfL3HVLYvrmita+LtI01xI37yzEn2yBgDlSTJGmTkZxt4rP8X6FqOu6bpc2mm1i1PTL+G/jjndvJdlBDRlwuQCrsA209uKvi58Rf2KZTpel/2nvwLb+0pPJ256+b5G7OO3l/jQtE0+/wDkD1aa7f5nN/CyW2034T2s0pS3tbV7tmIGFjRZ5D0HQACpbTx5fsuj32p6ALLRtbmSGzuBeb50MnMRmh2AIGH913IJAI64Z4R8LazaeCLnwv4nttOW1miuI/Psr15mcTO5IKvCgXAfGcnOOgqh4Z+H39iSadb3fgrwbP8AYWVRrEI8u5fYfll8r7OcScAn971yc0RvfXy/4P8AX5ie2nn/AMA9HrG8W+IP+EW8L3esfZvtX2fZ+58zZu3Oq9cHH3s9O1bNcZ8Rvh/Y+NfDl5FFpulvrMkaR299eQKXjUOGI8zaWAxu4Hr70DOzoqhpGhaVoFq1vommWWmwu2947O3SFWbGMkKBk8Dmr9DBHAeHvhXDoN94cuV1Pzjob37gfZyvnfaWJ/vnbtzjvn2rv6KwNWs/FE3i/RLjR9StLfQofN/tS1ljzJPlf3ew7TjB91/4F0o7IO7KuveLb/TvF1j4d0jRP7Ru720kuklkuhDFEEdVPmHaxC4bqoY5wMYJIz7v4kmy8NSX82iyy39rq0ek3Wn284ZllZ1UeW7BQ4IdWGducjO3mq/iCXVIfjRpLaJZ2d5cf2FdBo7y7a3QL58PIZY5CTnHGPx9XSeAdRk0FEe6tX1O58QW+tXz/MsQKSIzRx8EnCIFBOMkZO3OAR1Ub9f/AJK35XCWjdv692/52NTS/GF42v3+jeJNLg027tbBNRX7NeG5R4SzKckxoQyleRgjng1kQ/ETXZ5PDdwvhizTS/Ek4S0uH1Y+bGjIZFaSMQkBiik7VZhngsOtWfEulXOl+JNc8ZSXAisIfDMlr+4XfOjo7yFghAUjB4y3Xrgc1x3hiEeCdD8I6rqfhy0nin+z2drPFr9zeSQvOoBeG2lTy0J6sI3yF3YJHVx1evl+Lf5pIJaXt5/kvybZ1fiX4WQ+IrzxLcNqfkHXkslI+zlvJ+zvuz98bt3Ttj3rZ8daLPqPh77ZpMpt9X0km80+YE4EiqcowHVHXKEejeoFdNXPeN9fXw/4WuJYlM1/df6LYWyn57i4fhEX8eSewBPaoldRtH5epUbOV5fP0/4YveH9bi8Q+FtP1q0Q+Xe2qXCxg8jcudv1zxUHhLW73xF4YtdT1TRbnQ7qbdvsbokvHhiBnIB5AzyB1qHQ7S18EfD/AE+y1O/t7aDTLKOGa7ncJGCFALEnAAJ9fWsz4Vaj4j1bwPHeeLpTPdSXEpt5zbiEz2+7925QAYyORwOMH3Okrc8ktv8Ag/1/VzON+RN/1odnRRRUlBRRVXVJpLbR7yeFtskUDujYzghSQaUpcqbY0ruxarHk8VaVD4kh0GZ7qK/uCwhEljOsUpVN5CylPLbC88N7da4XStd8UWnhPwl4n1bXTfvrE9nDc6clrFHDsnAUMhC+Z5gJDE7ip+bCgYxv+K/+SkeBv+vi8/8ASc1TTT172+en+ZN7q/lf+vuOzqO4uIbS2lubuaOCCFC8ksjBVRQMliTwAB3rlNU1HUtX8ff8IxpupTaRDa2C39xdW0cTzSl3ZEjXzVdVUbSSdpJ+UAjnPM6xeatrXw28a6bf63cLdeH1uraW6tYYVF/H9n8xRIrIwU4cBtm3kHBHQQ5e65Ls39zt+ZcY3kovul96v+R6nHIk0SSwuskbqGR1OQwPQg9xTq5vwVpd3Y6BYS3Wu6hqSS2UOyG6jt1SL5Qfl8uJG9vmJrpK0kuWTRnF80UworzfxD4j1TSvGGo/2/q+peHdGhEH9nXcGnJPYzbsBjcSmNyh8w7SC0Q2gYOTuqz4s8Wzx+MbDQLS+1GwtXsGv57zStMe+mkBfZGiARSqq/eJYqf4QCM1K1S8/wDhy2rf1/Xc7u4uIbS2lubuaOCCFC8ksjBVRQMliTwAB3p0ciTRJLC6yRuoZHU5DA9CD3FeW6jd634h+Dvic6ne6pYyafFexLO2nC1bUoFhJVnjmiyoYHBKBOQcY6Dq/CehSDwrax6tq95rNpdWESNZ38NsYlUoMgBIlJGOMMW4oXX5fjcT6fP8Lf5nU0V5b4V8G+GE+Lfi5E8OaSqWIsJLVRYxAW7GNiWT5flOQDkY5FQ6h411fUr/AMRSabqGs2UmlXclpYWVj4flu4bl4lBJnkED/eckYR0IXBzk5pXX4X/r7x2Z6xRXn19rniTVPEXhGwsbttETV9MnudQjktQ00LKIjhA4+VwXI+YEDJypIFRazceMtEGjaZJr0csmo681rHfeRGZWtGhdhvXywgkUqcbVwdq5zlhVW1t/W9vzEtVf5/hc9GrMsfEWlalrmpaPZXXm3+l+X9sh8th5XmDcnJGDkDsT71534D8UeJ9Q1rQY9c1dbyLU7W/DRrbRxhTbzIiSZC53nLFudvIwoxk9N4Uu9Vj8b+JNG1HWLrVLexjtHt3uooVdPMVywzFGgI4HUUlqrg+p2NFeV3+r+K7q08eajb+I2sbfw7POLGCCzhYyFLdJdsrOrZTJwNu1uWyx4A3tW8Tw3Gk6G8mu3+kXGpWouhb6Rp/2y5kBRSSE8qXEY3HJ2dSvzDoRaq/p+OqB6O3r+G51uo6hDpli93cpcPGmMrbW0lw5yccJGrMfwFQ6LrVh4h0iHU9Imaa0mLBHaJ4ySrFSCrgMMEEcisL4c6/eeIfDM8uoSyXE1pf3FmJ5bcwSTLG5Cu8ZA2ORjIwOc8DpUHwm/wCSb2X/AF8XX/pRJQL/AIY6aXV7CDWbfSZLlBf3MbyxW4yWKLjcxx0GSBk454qcXtqb5rIXMJu1jEpt/MHmBCSA23rjIIz0yK474dY1W68Q+Jbld15eapPaKxbJjt7dzEkY9BkM2O5cmsf+wdRl+Nl9GnizWIXOhxSCVIrMsFNxJiP5oCNo6g43c8saFq4+av8Ahcb2k+3+dj0+iuA8V+KLqz8YWHhqLUNUsoRp7Xtze6dpTXtzId4RFCrDIiAnczEp/dAxmsy78X+KYvhje3kbSwapa6vDZWt5qGmvb/a4WnjVZHhdVI3K5DbQvIO3b2Frt/WtvzDbf+tL/kepUVwPiJfF3hjQde1VfEX9oW0OjTTIZ7eJJLe7UEqY1WMAx4zw5YjC8nJNcrP4q8Z2N5fvca8ksVlLpUpiFpEN5unVZIs7c+UAWx/HkjLcYItXb0/G/wDkD0V/66f5nqt94i0rTte03Rr268vUNU8z7HD5bHzfLXc/zAYGB6ke1adcbrN1qumfEnw5DDrN09hq0lwk1hJFB5SBICw2sIxIPmGeXP5VH4gvdeuviVpnh/SdY/syxuNMnurmSO3jklBSWNR5ZcEBvmx8wYYJ4zggWtl/Xf8AIH1/rrY7agnCknt6DNefaL4snPgfWZNf10202matcaZ/aX2ZWllCS7VKxKu1pSpAACEbsHYehf4N8SXl1441HQpdR1PU7SOwivIptW0w2VxGxdkZNvkxBk+UEHb1yMnsLXb+tL/kD0Tb6f52/M6fRfFOl+ILq8tdOe6FxZbPtEN1ZTWzpvyVO2VFJBweRVqPWdPl1yfR0uV/tCCFbiS3IIby2JAYZ4IyCMjOD1xkVzPh7/krXjL/AK99P/8AQJKj+I6/2a2heJbRSL3TtTggypwZYLiRYpIz6g7lbHqoPajql30/QOj8v+HO3orF8W23iC88M3EPg+/ttP1dmTybi6TeigOC2Rg9VyOh69uo2U3BF3kFsckDAJoAWiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCKO0t4biaeG3ijmuCDNIqANIQMDcepwOBmpaKKAIbeytbR53tbaGB7iTzZmjjCmV8Abmx1OABk84AqaiigCvfWFnqllJZ6laQXlrKMSQXEYkRxnOCpyDzVbSPD2jaAkqaFpFhpizEGRbK2SEOR0J2gZ61o0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABUV1aW99btBe28VxCxBaOVA6kg5HB44IB/CpaKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqK5toLy2e3vII54JBh4pUDKw9CDwalooAKKKKACiiigAooooAKKKKACobqytb5ES9tobhI5FlRZYw4V1OVYZ6EEZB6g1NRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAV76ws9UspLPUrSC8tZRiSC4jEiOM5wVOQearaR4e0bQElTQtIsNMWYgyLZWyQhyOhO0DPWtGigAooooAztX8PaLr6RJrukWGprCSY1vbZJghPUjcDjpVmxsLPTLKOz021gs7WEYjgt4xGiDOcBRwOTViigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAITZWrXyXrW0Ju0jMSzmMeYqEglQ3UAkA46cCpqKKACsew8H+GtK1D7fpfh3SrK8Gf9Jt7GOOTnr8yqDz3rYooAKiktoJp4ZpYI3lgJMUjIC0ZIwSp7ZBxx2qWigAooooAKKKKACqesI8uh30cas7tbSKqqMkkqcACrlFTKPNFocXZpnn/gLwVInhPwtceIb/VLuXT7KCSHTb1Yo47ObywPuJGjFl5A8wsR1681rax4Il1jX7XVn8Ua1azWTu9pHAlpsgLpsbG+Bicj+8WrR1PxB9h8SaPosFuLi51Eyu/7zb5EMa5aQ8HPzMigcZ3deKd4p19PDPh241NoftMiFY4LcNtM8rsEjQHBxlmAzg461cpcz5u/9f8AAJirKxX1XwnHqWoWmpQarqGm6pawmD7dZmLfNGeSjq8bRsMjd93g9MZNT6b4X03TdCuNKCyXMV5vN5LcPukuncYd3YY5PtgAYAAAAEmreItO0GC3bWJ/KnuTtitoI3nllbHIjjRS746nC8Dk4FT6Xq1prFobixaXarFHSeB4JI264aOQKynBB5AyCD0INK100Psyj4b8NyeG7VLRNc1PULSGJYYLe98giFV4GGSNXPHHzM1R6R4N0/RfFut+IrWa7e71vyvtCSy7o08tSBsGMjr3J9sVv0U7u9w6WOd1vwgdd+0w3Gv6vBp12uy50+F4fKlUjDLuaMyKGHBCOvfGCSafqnhG1v7qxvLC8vNHvrGIwQ3VgU3eSRzEyyI6MuQDypIIBBHOW694ku7HXrDQ9E06LUNTvYpbjbcXRt4YYY9oZmcI5yWdQAFOcnJGObOq6hrtj4YN5YaFFqerqFzp0N8ERiSA2JnVeAMnJUZx0pLbT+un+a+8fWxPb6Qf7Fm03Vb+51dJ1eOWW7WNXdGGCv7pEXGD2Gfeqvhvw3J4btUtE1zU9QtIYlhgt73yCIVXgYZI1c8cfMzVtKSVBIwccj0paOpO6Mqw8PWmneI9V1qGSZrnVRCJ0dgUXylKrtGMjg85J/Cs+bwaE1a8vtF17VdEa+cS3UNl5DxSyAY8zbNFJtYjAO3AOASM810tFAzKl8PW8/iDTdZnnuHu9OtpbePJULIJNm5mAXr8g6YHJ4p2r6Da6zeaXc3UkyPpd39rhEbABn2MmGyDkYc9Mc45rToo/r9QOX0rwDpujz6bNZ3V6JNNiuooGd0PFw4dyfl5IIGO3rmm6V4Il0vxHca0PFOtXVxd+WLpJ0tNk6xghQQsCkAbj90g+9dSThSQMnHQd657TNZ8Sz39vbar4U+xxyndJdRalHNFCm0kBuFcybgAVVSuDnecYoXkD2HHwbp503xFZedc+X4iklkuzuXchkiWI7Pl4+VQRnPP5VVuPAVqZ9NudN1bU9LvNOsBpyXVo0ReWAbcK4kjdTyoOQoOSa6qij+vu0/IP6+//hjnNM8Gw6HoNxpeiavqdl9ou3umuvMjnnDu2WG6ZHBBPdgT707wn4SHhGyNlba1qV/aDcY4LwQYjZnLsQY4kYklj1JHoK6GsVPEO/x1N4c+y48rTkvvtHmdd0jJs24/2c5z36Udbf1ov8kHS/8AWr/zZkaBY33hnxtqmmraSS6Lq8r6ja3MSZW2mIHnRSem4/Op75Ydq0tY8Jx6prkGs2mq6hpGow27WxnsTEfMiLBtrLLG6nBGQcA8nmt+ijovL+vy0Dv5/wBfnqYOreFItTvLLUItTv8ATtUs4zCuoWhjEkkbfeR1dGjYEgNynBGRjmkvfCiar4dGk6xq2oX4FzFcfaZRCkpMciyKvyRquMqB93OM89636rajJfRWLtpNtb3N0MbIrm4aFG55y6o5HGf4T/WjYCLXNIg1/QL7SLx5Et763e3kaIgOFZSCQSCM8+hrCu/h3pN416Zbi9H2w2Rk2unH2Vg0ePl7kfN69sVoeD/EL+KfC1tq8totm8zSI0CzeaFKSMhw21c/dz0HWtujZ/10Dc5XWPBEusa/a6s/ijWrWayd3tI4EtNkBdNjY3wMTkf3i1an/CPW58TWuuyT3El5bWL2Q3FQro7IxZgFHzZQdMDk8VHoHiH+3L7W7f7L5H9k6gbLd5m7zcRo+7oNv+sxjnp1raoWln/Wq/yYPd/1s/8AM5OX4daTJpN3ZLc30ZuNXbWUuUkTzLe5LBsp8u3AIxhg3BOc1Z0nwZDpeuXOtPq+qX+pXVqLWS4u5Y2+UMWUqioqKRnoqgHqQSSTtajJfRWLtpNtb3N0MbIrm4aFG55y6o5HGf4T/Ws3wf4hfxT4WttXltFs3maRGgWbzQpSRkOG2rn7ueg60Ly/rS35aA/Pr/nf89ShpXgiXS/EdxrQ8U61dXF35YuknS02TrGCFBCwKQBuP3SD71D4isL7xN4v0vSjaSRaLpkqaleXMi4W4lUnyYUz1ww3seg2qO9dhRR1XkHR+ZxvxS0S+8U+B7rw5punyXMupbYxceckcVqQ6sJJMtuIGM4VWJxjjOa6jTLRtP0m0s5J2uHt4EiaZ/vSFVA3H3OM1aooWifmD1t5BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRUdzCbi1lhWWSEyIVEseNyZGMjIIyPcGk720A5HwgRr3ibXPFTDdC8n9mae3rBCTvceoaUvz6ItGqkeIfiZpmkgb7TQo/7TuvQztlLdD7geY+PZa6TRNItNA0Ky0nTlK21lCsMe45YhRjJPcnqT3JNR6VoVtpN7qd3C8stxqdz9pnkmIJyEVFQYAwqqoAH15OarRNeX5/8Pr6i3T8/6/LQ5K5lS1/aCtG1MhI7rQWi0x5CArSibdKi56vt2HA7Cp/iReo9npNm9yq6XcaxDZ6wVk2hYmUkRyEEbVdjGD6h8dDz1up6Rput2ZtNZ0+11C2LBjDdwrKmR0O1gRmo4dC0i30U6Pb6XZRaYyshskt0WEqxJYbANuCScjHOalbJdn+t/wDgDe7a6/5W/wCCcDPp1hoHj7UNN8K2cFjYTeH559StLNAkMcoIEL7FwFdl8wZxlgvtXO6Zoun6H4T+F2tafbqurXt9YxXN+5LTyxy27ho2kPzFMYAXOAFAA4r2DTdB0fRrGSy0jSrGwtZWLSQWtskSOSMElVABJAA/CnnSNNNtZ250+18ixZXtIvIXbbsowpQYwpAOARjFVH3fw/Btv87fIUtb/P8AFJfpc891Hwnp03xssYnuNXCz6LdTuU1q8Vg3nw8KwlBVeT8i4XpxwMXfi5oWly/C6/mubGC6n0+3UWlxdJ500PzoCVkfLZOBk5ye9d2bK1a+S9a2hN2kZiWcxjzFQkEqG6gEgHHTgVR1bwxoOvyRya7omm6m8QKxteWkcxQHqAWBxS2ikun+bf6lfab/AK2RzXxXuJIvBNtbwpJO15qVpbG0RxH9sVpV3wFyQFDqGHJAPTvWToXgiKw1zxN4htPClv4cgutMW0trIJCZiyqxd8QlkQNlBtVju2ZIHFbninwHBfeG7PS/DdlptnaWt/HeS6UYvJtL5VzmKQIpwCSGztYZUZU9q3hfwNcaV4zbXf7L0bw5brZG1/s7Q3LR3LF93mSt5UQyoGFG0nk/N2pWumu9/wAVb89PxsF+W3y/P+vyucpLfWo8BfB+1+0RfaJL/TnSLeNzKkDBiB6AsAfQkVsaZ4Q0XxR438err9mt/GbyGKOOf50hJtY8yIhyqyc/fA3YAGa7m28KeHrOd5rTQdMglkmW4eSKzjVmlUkq5IHLDc2D1GT61oQ2drbTzzW9tDFLcsHnkSMK0rABQWI6nAAyewq2+Ztvrf8AHl/yJWlrdEl91/8AM4PxAll/aWi+DDodr4nu7fT2uA2v3QWERJtTzG/duHlJ7hOAW5AODyWn6xcQ/Be6NveJaaaniNrKWewuy8dpYNdBWEU2AdgViA2BhTkYwK9e1bw9o2vpEuu6RYamsJJjF5bJMEJ6kbgcdKnTTLGK0ntYrK2S3uCxmiWFQkhb7xZcYOe+etRrq3r+uqf5af8ADj0skv60a/4Jk2eleGPB1jdXGjadZ6dHHameWOwjVDLGgzuKrjefRjk89ea8xjuYE17wNrWm+HtE0FtZ1BWjuLbUPMv7y3eJywmXyhvByhYmR8Nt5JOa9L8EeC9O8D+HY9N0+G3845a5uYbZYTcMWJyQOw3YAJOBxVyy8JeHNNmM2neH9LtJWkWUvBZRoxcZw2QOo3Ng9eT61X2r+n5/1/T0X2WvX8v6/pHnsGm6Druk+M9V8bRW8uqaffXMZuZyBNp8KcweUxOYhtw4K4yzE8mu/wDBs+o3XgfRZ9cV11GSxha5DjDeYUGcjsc9anvPDOg6hqsOp3+iaddahBt8q7ntI3lj2nK7XIyMHkYPFadKOkben4f5jerv6/j/AJHHfEiZ10/RLR5XhsL/AFm3tb9lcpuhbd8hYdFZgin1DEd6wNJTw54c+LuvtoNjZ2dpY+H43u4tOtljAkWV2YYQAF9u336V6Te2NpqVlLZ6jaw3drMNskE8YdHHoVPBqGx0XS9LEY0zTbOzEcXkp9ngWPZHktsGAMLkk46ZJNJJr8fxVvw3/rVvXT0/B3/4B49HcwJr3gbWtN8PaJoLazqCtHcW2oeZf3lu8TlhMvlDeDlCxMj4bbySc1seMNI/snXNe8YahpWkeKdMiSJnE9x5V7pQjADrAxBUYBMgAaJtx6k4Nd/ZeEvDmmzGbTvD+l2krSLKXgso0YuM4bIHUbmwevJ9adeeF/D+o6pHqeoaHpt1fxFTHdz2cbyptOVw5GRg9OeKfp/W3+Xl8hddf61f9dTQtZ1urOG4RXVZY1cK4wwBGcEdjUtFVNS0rT9Zsms9YsLW/tWIZoLqFZUJHQ7WBHFD30BbanH/AA1vItO+EsV7cbvKtmvJX2DLbVnlJwO5wK4yO5gTXvA2tab4e0TQW1nUFaO4ttQ8y/vLd4nLCZfKG8HKFiZHw23kk5r1rSfC+gaBLJLoWh6bpkkq7ZHs7SOEuPQlQMimWXhLw5psxm07w/pdpK0iyl4LKNGLjOGyB1G5sHryfWiOkk/T8P8AMH8LXr+P+R5qnh7w9fR/ErVPEkEUy2+ozCOS5bK2uLWI74weEfJHzrhjhRngUyb+29b1zwhpev6Xp2rCTw4t01hrV40MU938gkZlEUgkdF6Aj5d7GvTpvCnh241kavcaBpcupB1cXr2cbTBlxtO8jdkYGDnjFWdV0XS9dtVtdb02z1G3Vw6w3kCyoGAIDYYEZwTz70lol5W/BNfrf5Derfz/ABaf6W+ZieAtD1bw/ot1Y6uLWKP7ZJJZW1rdPOltbsAViDOiHCncAMYAwB6VS+FRC/DK0LPsAmuyWJ+7/pEnNb48KeHRop0caDpf9mF/MNl9jj8ktnO7y8bc574p2k+F9A0CWSXQtD03TJJV2yPZ2kcJcehKgZFN66eRJ514a04eBtc0K21jRtL1CfVLiWG38TabN/pV2zBnBuEYbmDLuJIeRQVBwPlI9ZrKsPC/h/StSk1DTND02yvZQwkubezjjkfccnLAAnJ5NatO+g+twooopAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFMnmjtreSeZtscSl3bGcADJNPqjrf/ACL+of8AXrL/AOgGpnJxi2ioq8kjJ0v4g+GdaubSLTNRacXhxbTi2lWCZtu7YsxUIXAzlN24EEEZBAo6zdarpnxJ8OQw6zdPYatJcJNYSRQeUgSAsNrCMSD5hnlz+Vcj4dkPib4feAtE0awv1azNheXd1NYS28MKQhXYrI6qshY/KNm7O4ngc1u+LdZiX4h+GZU0/WpodKnuTdywaLdyogeAqpDJEQ+ScfKTWkkotrzt8tNTNNuPy/HU6/WfEmmaC9vHqEspnuSRDb21tJczSADLERxKzlRxlsYGRk8isXXvH+nWfgG88RaK8t8Ft5mt/LsZ5VWVFY7ZlRd0QDDDb9uOckVT1CWXRPiZH4jubLULrS7/AElbNZLSxmuHtpFkaTDxIpdQwbrt4K4OOKraf4f1PUvBvjdzbSWj+JHuZbK0mXY6K9usSl1J+RmK7iDgjdzg5Aylfkb62f52t81qaRtzrtdfle/y2Om8L+KbfxJp8DxwX0U5t0ll8/Tbi2jywGdjSoAwz6E8Vu1zXgnW49R0Cxs3sdTsru1s4lnivdPngCMFClQ7oEfkfwk+tTaR4h1DUvFut6TdeH7uxtNN8r7PqMp/d3u9STs4A+XpwW98dK2lbmaRnG/Ldjr/AMZ6Hp2qy6dcXE7XECq1x9ns5po7YNyDLIiFIuBn5yMDnpzVnWPEemaD9nXUZpPNuiRBb21vJcTS4GWKxxqzkAdSBgZGetcL4uhn0nW9V1HwhL4isvEN0Iz9kh0x7qw1CRcBC7FCkeVGwsJIyAMnpzJ4o0/V7fx3pfiC5utYsrV9JNlNLodml41vPvEhBjaGVtjYxuVeqLkjPOa1S/rp/S+exb0/r0/r5G7r/j7T7HwDeeIdGeS+C28zW5isp5lWVEJ2zKi5iAIw2/bjkEitDwv4pt/EmnwPHBfRTm3SWXz9NuLaPLAZ2NKgDDPoTxWBY+G4Z/hv4ms9Gu9WvZ9bW6cvq9r9llM8kWw/uzFFtUkA/dA5PNa/gnW49R0Cxs3sdTsru1s4lnivdPngCMFClQ7oEfkfwk+tUt3fy/W/9egnsref6W/r1GaZrOo69421BLF1h0LRybSVtgLXd0QCwB/hSMEDjqxPZecjxLH8RDeeJT4dn2w7LL+xxstzht/+k/f5+7/f/wCA1P8ADLFnb+IdHnwL6x1u6edecssz+bG/PYo4wfb2ruKS2i/JP9Q6tef5P/gGZN4g0y18RWuhXNyY9Su4Wmt4nicLMq/e2vjaWHUrnIHOMVXttVs/F2lXY8PavdW6xTtbm+tYACHRsMEM0bI4yCNwDDrg5rm/iTpV34vuNP8AC+mW93azsxvH1xI5FXT1UEDZIMAyPnZtB4UsSOlXfCGsx6T4Fgg1HQr7SpNJIsZrS102eVSy/LvhCIzSRt94MM9eTnNC1Tv/AF/W34g9Grf1/W5a+HOq3+s+BLO91e6a7u2knR52RELhJnUEhAF6KOgFWrTxroV5qsGnRXFwk9yWFs89jPFFckDJ8qV0CSccjaxyORkVzfw1vrqD4evp8GmahFqtqLmVLe/0+e1R2aWRoxvkRVOcr0ORnnFc1DJ4i12/8HT37+J7y6g1OK51K3utHS1tLFvLkBCnyldgC2AQ8i45Y5K5FrJJ+X4i2i36/gdNpnxGs7HWPFVt4k1GRhp2pskSQWbym1thDG26TykOxNxf53wODzxx1eqeJ9J0eO1a7uWka8ybaK0gkuZZwBkskcSszKAQSQMDIz1rhba5l0e78d2Emiapc32q6hI9mkOnTNFcq9tEi5n2eUo3BgSzADnNVJvDWr+GtW8MXVzqGtQ2tp4fTSprrRbJLx4plKsd0bQytsfbjcq9VXJGaFqo37L/ANJd/ndJerKe7t3f5r9Hf5HokN9beKvD/wBo0DWJreOY4W7tETzI2U/MpWVGCsMEFWXI54BrO+HOq3+teBLO91a6a7u2knR52RELhJnQEhAF6KOgFVvDA0zwz4dvtQiuPEF/Fe3z3Mz3mkyi4MrBQcQRwIwX5c5CY5JzVX4TXZXwdDplzZalZ3dvJPJIl5p09uNrzuy4aRFVjgg4BJHejyJI/D0fxEF94cOvT7oN9/8A2uNluMruP2X7vPTH3P8AgVd/RXL+JfGTeHPFnhrSG0qa5g12eS3N2kmBbuq5UFcEtnnPIwATz0o7RG+r+Z1FYXjUa+fBmo/8Ic23W/LH2Q4jPzbhn/WfL0z1rdooGnZ3Ob0KPxMPEviAa3OTpZ+zjSyFiGP3X70/Lz9/+/8AhxR4H1e81LQ5bXWZhNq+l3L2V8+1V8x1OVk2rwA6FHwP71dJXG3IXw78U7e6zstPEsH2WXngXcKloz06tHvXP/TNRTW9v6/r820Ta0fT+v8Ag/IpeJY/iIbzxKfDs+2HZZf2ONlucNv/ANJ+/wA/d/v/APAa3dW8S3kHiCLQdA02LUtT+z/ap/tN0beCCLJUFnCO25mBAUKejEkY56KuFvDP4Y+KF7rl1Y3tzpWradDAZrKzkungmhZyFZIlZ9rK+d2MZGDjIpLovX8hvZv0/Qp698QriDw2t0xXQ73T9dtLDVY5nR0iRpELkOwwY2jfIfCnB6KQcddo/ivSNdvJ7XT55vtMCLK8Nzay27lGJCuqyKpZCQfmGR715vq+kalfabqfiO40i8WLUfEenXi2P2ZpZ1tIGiTzGiUFskKzFMFgMZGcgdVYCbX/AIj/APCQ2tjew6ZaaTJZbry1e2e5leRXwscoV8KE+8QAS/B4NCvy/wBae6n+enqEt9P695/p+Bs6X4z0PWbxbfTbiebzGdYpzZzJbzlc5EczII5PusflY5CkjgGm6p448P6NfTWmoXsiyW4U3LxWsssdqG+6ZpEUpECOfnK8c9Oa43w/HfaJ4h0nSvBkuvvowmkW90zWdNkSCxhxkGG5dFJKthQoeUENkYAzVNtIutM1bxTp+uap4qs7bVb6W5j/ALK0hL2C5hlULgutrKysoXYVYjgKRwc0Py7f5f112Hpf+vP+um56Hq/i/QtDuLS31O/WOe+jaS0iSN5GuAu3IjCAl2+ZcKMsc8A4NRW/jjw/c2ttcR3zKlzff2cgltpY3W55/dOjKGjbj+MDt6isJNCaz8deCltILu5sNN0e6gF1PCcp8sKpvO0BXIB4wD14rY8W+F4NW8J6rZ6bBFbXtwRdxyxRhS11HtaORiOp3IgyecDFDstXt/k/8vxErvTr/wAD/M1n1qwTXo9Fa4/4mElu10sIRj+6DBSxOMDkgcnJ7dDWfaeNdCvNVg06K4uEnuSwtnnsZ4orkgZPlSugSTjkbWORyMisHwiNW1CPXfGFxpU9tql/EkFlYXqGJkjhQ7VYNgrulaQ89iprlIZPEWu3/g6e/fxPeXUGpxXOpW91o6WtpYt5cgIU+UrsAWwCHkXHLHJXLS95Rfl+L/Rb+fqK/ut+v4L/AD2PTNT8X6NpOpjTrma4lvPLErw2dnNctEhOA0nlI3lg84LYBwfQ1m+MdVNq2ntaeJp9MkmV2gtrLTPt73ZG0hjGqs5iUZ3bNv3x868ZxdO1iHwV468Q2ev2t80uu34vNNuLaykuftSCFFMQ8tSVZNjcNgAEHOM1d1J59B+JqeIb2w1C406+0lbIPZ2kl09rKkjPtZIgzYYN94AjKYJ5GZWtv66N2/T+kU9G/wCuu/6mtoviWwTwSNb1PxBb31uhdp74W5tlU7yPL8okspUkIEOXyADljV7R/E+la7PcW9hNMtzbAGa2urWW2mRT0YxyqrbTzhsYODzwa811Pw1rt/4d1DWre3v7RbjxJDrSWMESfahbRoq7hFIGXzDt8zYRnIAI3fLXTeGLCzu/FE+tf2r4n1O9jsTaldX0n7FGYy4bC5toQzZHqcZNPV6/1sn+enyE9Nv61t+WvzN3S/Geh6zeLb6bcTzeYzrFObOZLecrnIjmZBHJ91j8rHIUkcA1XsNVvbf4g6lomp3Hmw3Nul9pmUVdqDCSx5HLbW2tk84k9q5Pw/HfaJ4h0nSvBkuvvowmkW90zWdNkSCxhxkGG5dFJKthQoeUENkYAzXQ/EKM6fZWHiuEHzvD9x9ol29XtWGydeBz8h349YxT00f9ev8AwfUO6X9f8P8AqX9fTxI3iXw//YUuzS/Nm/tX5Yz8nlHy/vfN9/H3fXnisVU+IH/CmmDSf8Vr5LENtt/v+ZwP+eX3Pw/Gu5jkSWNZI2DI4DKwPBB6GnUrWugT1TOc0BPEq+KNe/t2XzNKzb/2X8sY48r97935vv8A978OKh8O61qMXijVPDPiCQT3UA+2WN0sYQXNq7EAEDjfG3yHHUbT3NdTXEXG3UPjlZfZcMdJ0Wb7W6k/KZ5E8tD9RG7Y/GhayS/ra/6CtaL+X5pfqdJfeI9J03XdO0a9vEi1DVPM+xwFWJl2DLcgYGAe5Ge1adcd4u8R22heM/CVvc6Al++p3UtrDqGV32LFR90EE/MM5wRwvfpXY0LVXG97BRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFRXVul3ZzW0hYJNG0bFeoBGDipagvrn7Hp9xdbN/kxNJtzjdgE4z+FTK3K+bYcb3ViDRNJg0HQLDSLN5Ht7C3jt4mlILlUUKCSABnA7AVerg9J+It/e6boes6l4dGnaNrUkMMMzXoeeN5R8haIJjYzfKGD7uVJUZIDfEmk6dbfFvwdqNtp9rDfXU12s91HCqyzAWxwGcDLY960le93/TIVradjvqK53V/Et1B4hi0DQNPh1HVGt/tUy3N0beGCHO0MzhHbczcBQp6EkjAzz2v+L9Y1H4a+IrjStPisdU02G5t9Qil1Bo3s3WItvidIz5nBVl+5kEcqazcrRb/AK7fmaKN5KJ6HRXO+DrzX7vRbN9dsrGGNrSJo5oNQkuJJSVHLhoUwe/3m5/OuirSS5XYzi+ZXCiuRfxjf3fi7VNE0HSbW8OjiL7Z9o1HyJm3rv8A3UflsGG0gAuyAtkZwM1d1rxJdWmu2uhaHp0eoapcQPdMtxcm3hghUhdzuEc5LEBQFOcHOAKnt5lHQ0V57r3i7V9T+GHiC80fT47PUNPiu7a/SW/aNrSSOMkvE6Rt5h5DLnZnI5U8DoPB15r93otm+u2VjDG1pE0c0GoSXEkpKjlw0KYPf7zc/nQtb/L8Qelvn+Fi63h2yPiqPxDEZYL4W5tpfKbCXCZyokGPmKnO08EZPY4rVrifCrN4p8W6t4luZma20+5l0vTLcEhIwhAmlI6F2fK57KgHc1W8S/CyHxFeeJbhtT8g68lkpH2ct5P2d92fvjdu6dse9C2XZ/rr/wAEOr/ry/D9Dv6KwpPETW3jqDw5cWflx3Vi11a3fm5ErIwDx7ccEBlbOTkHoMVX0fUbLx9o+oDUdGgm0lb2S2hW6CzJdrE2PN2MuAN6nHX7oPtRvt/Wtg23/rS50tFcV8Io0h+GWnxxIqIk1yqoowFAuJMADtVqbxVq+mazpkGvaHb2ljqt19kt54NQM0schVnQSx+WqrkKQSruAfUc0buyDpc6uivK9E1zWdK1fx9JpGgrqMVrrD3E8k14IAwFtD8kWEcu+Fzhtq8r83Jx1MvjY302k2vhawTUrvVLH+0UFzcG3iht/lwzuEcgksAFCnODyAM0LVJrql+Kv/n9wPRtev4Ox1dFc5pF/YeOdBu7fWtHhJt7lrS+0+7VLiNZoyCQMjDr0ZSQOMHAPFZvwijSL4ZafFEipGk1yqqowFAuJMADtQB2tZp8P6a/iBdalt2mv40KRSTSvIIARg+WjErGSAASoBPfNcl4e+FcOg33hy5XU/OOhvfuB9nK+d9pYn++du3OO+fau/o7MOrQUUVheNfDK+MfBmo6A1z9kF9GE8/y9+zDA525GenqKBq19TdqG5s7W9WMXltDcCKRZYxLGG2OvKsM9COx6isHQvB8OieJfEGrC4Ey619nBgMePKEUXl4zk7s9egx05ql8Pn/syHUvCUpIfQLjy7fPVrSQb4D15ABKZ9YzT6/iT0udjRXAeJfhZD4ivPEtw2p+QdeSyUj7OW8n7O+7P3xu3dO2Pet3XvCUeu+JPD2rPc+V/Yss0gi8st5wkiKYzkbcZB6HOMVOtrj6nRUVg+CPC6+DPBthoCXP2sWasPP8vZv3OWztycfe9a3qp2voAUVjaZ4g/tHxRrej/ZvL/snyP33mZ83zULdMfLjGOpz7Vs0gCiuA+IuqeJbDWPDMejW9qLabWIo9zalJA07GOUmKRViYCPjOctyB8vcdT52vSaFI0ul6aNSJwLUajIYGXPebyNwOM8eWfr3pbptf1t/mPZpf11/yNaiuL+HbwL8L7RvDGiwaeqGcQafJfSPGriZwwMxQtgsCc7TjPSs/4dat4tvjqg1CzsJrZNcvIpJn1eWSSALIRsjQwYZV6L8y8dh0qt5WX9bf5i6X87fn/kdxcaTZXWrWepXEG+7sVkW3kLH92JAA3GcEkKBkjI5x1NXK4HxJpOnW3xb8Hajbafaw311NdrPdRwqsswFscBnAy2Pet7WvEl1aa9a6Foenx6hqlxA90yz3Jt4YIVIXc7hHOSxAUBTnBzgCl5f13A6CisXwv4i/4SLT55JbRrK7s7l7O7tmcOI5UxkKw+8pyCDgZBGQOlbVABTZYo54XimRZI5FKujjIYHggjuKyNM8Qf2j4o1vR/s3l/2T5H77zM+b5qFumPlxjHU59q2aN0BHBBDa28dvaxJDDEoSOONQqooGAABwAB2qSue1/wAJx694l8P6tJc+V/Yss0nleXnzvMiKYzkbcZB6HpiseD4djT/hCvhC3vBPcWsZktbsx7MTrIZY327jjD7e/ak3o2xpapI7msvRPD9loC3ZtPNlnvrlrm6uJ33yTO3qfQABQBgAACmeFddTxN4VsNWRDG1xEPNiPWKUfLIh9CrBh+Fcv4e+FcOg33hy5XU/OOhvfuB9nK+d9pYn++du3OO+faqtaVmTvG51jeHdMfxCmuSwNNqEaGOKSaZ3WAEAN5aMSsZIABKgE9ya064DxL8LIfEV54luG1PyDryWSkfZy3k/Z33Z++N27p2x71s+OtFn1Hw99s0mU2+r6STeafMCcCRVOUYDqjrlCPRvUCpulG7Ks3Ky/r+tjpqKzPD+txeIfC2n61aIfLvbVLhYweRuXO3654qDwlrd74i8MWup6potzod1Nu32N0SXjwxAzkA8gZ5A61TTTafQlNNJ9zaooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACqOt/wDIv6h/16y/+gGr1NdEljaORVdGBVlYZBB6gipnHmi0VF2kmeX+DNF1zxJ4E8FQ6rDp9lo+n29neq1vdPNPdNGimJWUxosYzhjgv0wP71bniPSvFmoeMdH1PTdO0Z7XR5ZnjE+qSxvOJItnIFuwTGc9Wz7V2NtbQWVrFbWcMdvbwoEiiiQKiKBgKAOAAOwrMk8VaVD4kh0GZ7qK/uCwhEljOsUpVN5CylPLbC88N7da0k+aTa6u5mlaOvaxlaloeuW/i6HxNoEWnz3M1iLK+sry6kijZVYujpKsbHKszDBTkHsRymneC5f+EZ8QWmr3MbX/AIkM0l68AJjiaSMRhEzglVUAZOC2CcLnA66o7i4htLaW5u5o4IIULySyMFVFAyWJPAAHeoaVmumv3N3f4lpu6a3/AMtEYfhKHxFY6Xb6f4itdMUWlukKXNleSSGYqAMmNol2ZAzgM3pS6RZ+KIfFut3Gs6laXGhzeV/ZdrFHiSDCnzN52jOTju3/AAHpW7HIk0SSwuskbqGR1OQwPQg9xTqptt3e5KSSstjgvHXg7UPFjTQLo2gSOVVbTWpp5Iryw5BDIFjJJVvmGJUB6EAZyeJvh/8A2lr2m60mm6P4gntrL7BcWuup8sqZ3LKsnlybXDZz8hBDHkY572iktP6+RW/9f12OYsvCsD+CdR0RtF0nw+NRimilg0g74hvTZvz5cWWxj+HsOan8JQ+IrHS7fT/EVrpii0t0hS5srySQzFQBkxtEuzIGcBm9K09M1ex1iO4fTp/OW2uZLWU7GXbLGdrryBnB7jj0oXV7FtdfRlnzfx2y3TQ7G4iZiobdjHVSMZzxR19RdPQ5PwPIugeIte8JXhZJheS6nYFzxcW87b2K+pSRmUjtketdzUUlpby3UNzLbxPPAGEUrIC0Yb7209RnAzjrWZJ4q0qHxJDoMz3UV/cFhCJLGdYpSqbyFlKeW2F54b260LZL+tA6tnMfFxLhND0y70O4jg8RRahHFpIcZ82SXMbpj02MzE9tme1dJZ6Xc+GvCNlpfhu0tbqSyhjgjjurloEYAYLF1jc5PJ+7yTV/+x9M/tj+1v7OtP7S8vyvtvkL52z+7vxux7ZxVi4uIbS2lubuaOCCFC8ksjBVRQMliTwAB3oWifm/6/rzDdo47wX4f8SaP4Pm0DVRp9mwSfyL6wvJJnV5Hds7GiTG3f13HOO1c1pPwt1O1u/DUsuk+GLKfR7uOe71G1Ly3eo4VgzNI0alSSdxUl8k/eG3n1iORJoklhdZI3UMjqchgehB7iqkur2EGs2+kyXKC/uY3litxksUXG5jjoMkDJxzxQtJX/rQN1b+tTjx4b8VWV34nttLXSfsevXjXC3011J5tqHhjjP7gRbXI2EgeYoPGcVW1b4X26XmiXWnaTo2uJpmmrpbWWuL8jxLykiyeXJtcEf3CCGPIxz6NVK/1nT9LurG31C5WCTUJvs9tvBxJJtLbc9ASAcA4z0HNC6fL8FZfgwet7+f+b/IyNJ0290Lw48eieGPD+m3jTbzY2d20Vs3QbzItuDuwB/yz7AZqr8PNH1/w7oCaRrttpqxwtK8c9neyTFy8rPgq0KbQN2M5OcdBXXUUdbiCuF8Ta/rS/EvwxpHhi+t54fNlOt2Kxh2ihKApJI2CYx/dHy7iR1Gcd1RR1TH0aCiiigArlNbtLnTfHmi67YWs08d0raZqIhjLFYzl4pWAGcK4Iz0AkJPSuroo6p/1/Vg6NBRRRQAVFc20F7ay215BHcW8yFJIpUDI6kYIIPBB9KlooA4LRPhZoel+N9Y1eTQNC+yTm2bTo47JN1q8anewGwBCWwcqecZNd7RRR0sBznjPQb7W7LTpdHkt1v9L1CK+gS6LLHKVyrIzKCVyrNzg4OOKui58Rf2KZTpel/2nvwLb+0pPJ256+b5G7OO3l/jWtRRsrf1/Wgb/wBf13OR+Hmj6/4d0BNI12201Y4WleOezvZJi5eVnwVaFNoG7GcnOOgo8P6Lr/hzWtSggg0270e/1KW+E73ckVxB5uGdfL8plfDZwd68HtXXUUbO/wDX9aB0t/X9anE+I9K8Wah4x0fU9N07RntdHlmeMT6pLG84ki2cgW7BMZz1bPtUfivwK2t+JLDxD/Y2haxcR2hs7nT9XGYipO8PHL5blWVsjlPmDH7vfuqKVv6/ADG8L6THo+kmBNC0nQ2eQu9tpLboSeBuz5UeWIA/h7Dk1qXNtBe2stteQR3FvMhSSKVAyOpGCCDwQfSpaKb1BaHBaJ8LND0vxvrGryaBoX2Sc2zadHHZJutXjU72A2AIS2DlTzjJrvaKKOlgCiiigDlPD1pc6H4z1zS1tZhpd6y6naTCM+Wkj/LNFkDAO4BwCcne3pXV0UUdEg6thXPeN9fXw/4WuJYlM1/df6LYWyn57i4fhEX8eSewBPauhqKS2gmnhmlgjeWAkxSMgLRkjBKntkHHHalJKSsxp2d0Ymh2lr4I+H+n2Wp39vbQaZZRwzXc7hIwQoBYk4ABPr61mfCrUfEereB47zxdKZ7qS4lNvObcQme33fu3KADGRyOBxg+57Oiqbbk5PqSlaKS6BRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFVdUmkttHvJ4W2yRQO6NjOCFJBq1VPWEeXQ76ONWd2tpFVVGSSVOABUVL8jt2LhbmVzznStd8UWnhPwl4n1bXTfvrE9nDc6clrFHDsnAUMhC+Z5gJDE7ip+bCgYxv+K/8AkpHgb/r4vP8A0nNUvAXgqRPCfha48Q3+qXcun2UEkOm3qxRx2c3lgfcSNGLLyB5hYjr15rW1jwRLrGv2urP4o1q1msnd7SOBLTZAXTY2N8DE5H94tW1Syk0u/wCGmn5mMbuK9Px1/wCARapqOpav4+/4RjTdSm0iG1sFv7i6to4nmlLuyJGvmq6qo2kk7ST8oBHOeZ1i81bWvht4102/1u4W68PrdW0t1awwqL+P7P5iiRWRgpw4DbNvIOCOg7bVfCcepahaalBquoabqlrCYPt1mYt80Z5KOrxtGwyN33eD0xk1PpvhfTdN0K40oLJcxXm83ktw+6S6dxh3dhjk+2ABgAAAAZON4NeT+++n4aGsZWmpea+62v46lPwVpd3Y6BYS3Wu6hqSS2UOyG6jt1SL5Qfl8uJG9vmJrpKxPDfhuTw3apaJrmp6haQxLDBb3vkEQqvAwyRq544+ZmqPSPBun6L4t1vxFazXb3et+V9oSWXdGnlqQNgxkde5PtitJNSk30M4rljbqcp468WNpw1qfSPE+qJeaVAZBZWGjfarVHVN4S4lEL7S3f95HtUjgY3HTbXNU8R+JLDRbC+k0aJtHj1S5uLaOOSZjI21I08xWQKMMSSpJ+XGOamv/AIbWF8dXiTWNYs9P1mR5b2wtZ40ikkZArMG2GRc4BKhwpxgggkG5eeCbae4sLqx1PUdMu7Kz+wi4tHj3TQcfI+9GHVcggAgk4IzUR21/rR/rb5fcXLy/rVfpf5v5nEeH9V1DQvDNzYWF0ZL/AFPxjdact9cxqxTdI5aUqoVS21GwAAu4jjHFTXdhc6d498TxXmr3mqu3hHcJrxIVZR5k3yjyo0GOM8jPPWuqj+HOjW/h19HtJby3i+3/ANowTpKDNbT7twZGYHOD/fDZyc5zUlr4C0+3vtQvpr/ULy91KxNldXNxIhaRCT82AgVSAcAKAo/u5JJmSbhbyt/5Jb87jTtK/nf/AMmv+R5r4S0mxvfDvgWTwToM2na3CtpNqOqJpUlmjW4RfODysiLOH4AAL5J3ds13/iv/AJKR4G/6+Lz/ANJzXS6JpMGg6BYaRZvI9vYW8dvE0pBcqihQSQAM4HYCsPWPBEusa/a6s/ijWrWayd3tI4EtNkBdNjY3wMTkf3i1azacnbvczivd17WItU1HUtX8ff8ACMabqU2kQ2tgt/cXVtHE80pd2RI181XVVG0knaSflAI5zzOsXmra18NvGum3+t3C3Xh9bq2lurWGFRfx/Z/MUSKyMFOHAbZt5BwR0Hbar4Tj1LULTUoNV1DTdUtYTB9uszFvmjPJR1eNo2GRu+7wemMmp9N8L6bpuhXGlBZLmK83m8luH3SXTuMO7sMcn2wAMAAAADNxvBryf330/DQ0jK01LzX3W1/HUp+CtLu7HQLCW613UNSSWyh2Q3UduqRfKD8vlxI3t8xNZnw6xqt14h8S3K7ry81Se0Vi2THb27mJIx6DIZsdy5Nbnhvw3J4btUtE1zU9QtIYlhgt73yCIVXgYZI1c8cfMzVk6BY33hnxtqmmraSS6Lq8r6ja3MSZW2mIHnRSem4/Op75Ydq0bTqN90/zT/K/5dTNJqCXa35f52/MyPEPiPVNK8Yaj/b+r6l4d0aEQf2ddwack9jNuwGNxKY3KHzDtILRDaBg5O6us8WaPbeJfBt/YyuCs0BkhnjbBjkUbo5FbsQwDA+1Q634QOu/aYbjX9Xg067XZc6fC8PlSqRhl3NGZFDDghHXvjBJNReMl1JPDSaH4XtH+1agPsUc6p+6sYiuGlc+iqDgdS20VnJNwst/6/q/5GiaU0+n9f1/mWPBWsXPiHwBo2rXICXV5YxyyZHG8qMnHpnmpfCVt4gs/DFrB4wv7bUNXXd59xapsR/mO3AwvRcDoP61NBZx+G/C0FjpVhPeRWNukENrbsiyOqgKAC7Kucc8kVgfCrwjeeC/A8emag486S4lufIEhkFsrtkRBv4sDqRwST9a0k05ytt/wf6/qxnFNQSe/wDwDs6KKKkoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAMbU/EH2HxJo+iwW4uLnUTK7/vNvkQxrlpDwc/MyKBxnd14p3inX08M+HbjU2h+0yIVjgtw20zyuwSNAcHGWYDODjrWJ4QI17xNrniphuheT+zNPb1ghJ3uPUNKX59EWjVSPEPxM0zSQN9poUf8Aad16GdspbofcDzHx7LQteXz/AC3/AC/ENr+X57fn+Gpp6j4y0rSNUTS7/wC2vqBt1uWt7HTrm72ISV3ExRtgblI5x0rT0nV7DXdMi1DSLqO7tJhlJIz+BBHUEHgg4IIwea5eH/kul7/2LkH/AKUy159qF7dvo3iO+0aSF/D+seLYIjM1y1vDNBtRJj5yhtsbyrsLAEEFuuaFrbz/APkuUJK1/K3/AKTzHutcxF4n1TU/EmoafoGkWlxaaXOltd3d3ftAfMKh2WNFifdtVl5YrknHbNY3h3wZqVh4jvZH0vSvD+h3tj5M1hompTANPuGJVCwxCNtmVLKd3C+nFP4feFtPTxF4rmFxq26z14rGDrF2VbEEJ+dTLiQ5PVw2RgHgAU46vXtf8Uge3zt+Fzub6+1WDXtNtbLR/ten3HmfbL77UqfZNq5T92eX3Hjjp1NadcD4k0nTrb4t+DtRttPtYb66mu1nuo4VWWYC2OAzgZbHvUXiPRLDX/jPo9pq8P2q0XRLmV7WQkxTETw4EidHUE52tkZAPUCktWl6/k2D6v0/Ox6HRXhkl1d2Pw51DTNPEUWmQ+M5dOkje5a2iiszPnyjIqsY4yxCHA4ViK7nwl4V1bQ/F1xeppOi6Do9xZ+XJp2k3jyI1wGGJdhgjVTtypI5OFz04I6q/wDWyf62B6O39btfpc7qiivJoNN0HXdJ8Z6r42it5dU0++uYzczkCbT4U5g8picxDbhwVxlmJ5NS5Wv5K/5f5jSvbzdvz/yPWaKxfBs+o3XgfRZ9cV11GSxha5DjDeYUGcjsc9awPi1dXlv4Ts47Uxi3utTtre+Mty1unkM/zK8qqxRWO1WODwxHerkuWXL52/GxMXzR5vK/6nc0VwfhbwtqmheKru+Gl6L4e0aey2S2OlXryRmcMCJthgjRTsyCRycLnOOMLw1pw8Da5oVtrGjaXqE+qXEsNv4m02b/AEq7Zgzg3CMNzBl3EkPIoKg4HykC1dh9G/62PRl161fxZL4fEc32uKyS9L7R5exnZAM5znKntjHel8QX2qadok1zoOkf2zfIV8uy+0rb+ZlgD87cDAyffGK4F/BvhOT43XFteeHNGeO50NbhIpbGIiSUXD+Y+CvLYZcnryK0fi/omlT/AAx1C4n0yzkmsIF+ySPbqWtvnQfuyRlOAOmOlJfCm/6s3/kP7bXp+SZ2t/Jfx6ez6Xa29xd8bIbm4aFDzzl1RyOM/wAJ/rWd4P8AEL+KfC1tq8totm8zSI0CzeaFKSMhw21c/dz0HWtpP9Wv0FebeErjULT4C3VxoqltQih1B7YBdxMgmlK4Hc57VMpcqbFFOVl3PSqK8in0zQ9N8OeDtd8KRQtrt9e2gS+hINxfrIQbnzXzulGzezbicEZ4xXrtaONr+Tt+X+Yk72a6q/8AX3BWL4Z8Q/8ACRW+oS/Zfs32LUbixx5m/f5T7d/QYz1xzj1Nc7rdvZa18VY9J8SxQXWkwaKbyCzuwGgkl80rJIyN8rFF24JHy7ye9cTpk1ongmO2sTHbeGr7xlPb3ZgHlRfY3dticY2xufLXjgq2OhqI6v1/+SUf8ypWS9P/AJFv/I9yorgNL06w0D4vf2b4Vs4LGwm0lp9StLNAkMcokUQvsXAV2XzBnGWC+1d/T6J/1u1+gurX9bXCivD9Z0FvHF/45sv+EWGuXct99hsdZuZYFTTtsUfyfM/mxqjFn+RDv3H1rptb8NafP8RPBei3UCtYW+lXitaxDy4ZgvkDYyDhk77D8pwMg0LVLz/yuN6N/wBdbHpVZek32r3tzcnUtGTTbVW225e7WSaUDqzIgKoD1GHY46hTxXLa3YaJ4A8I3Fnbae97Z6tqaR2+lvKsVukszKBFkDCQkgllIYHcwwQdtY3hCzjh+J3iDw+mn6Zols+kQvc2Ggag5jSUyON5KRxGKQoV+6AcbTnpgWr0/rS4nor/ANWvY6+LxPqmp+JNQ0/QNItLi00udLa7u7u/aA+YVDssaLE+7arLyxXJOO2a1L6+1WDXtNtbLR/ten3HmfbL77UqfZNq5T92eX3Hjjp1NcN8PvC2np4i8VzC41bdZ68VjB1i7KtiCE/OplxIcnq4bIwDwAKveJNJ062+Lfg7UbbT7WG+uprtZ7qOFVlmAtjgM4GWx70+kX3Sf3r+v+CD3l5X/A76iuC8WRW2rfEzw/oXiEJLolxZ3E6Wk3MV3dIybUdTw+1CzBT3GcfKKj8bW9hpWh6LpOniGx8Pz6zFa6nFbt5cUcLBsxHBARGfYpAwMMR/Ecpapebt+Nv6+QPS/kr/AIXPQaK4DS9OsNA+L39m+FbOCxsJtJafUrSzQJDHKJFEL7FwFdl8wZxlgvtXf0dE/wCt2v0Dq1/W1wooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACo7mE3FrLCsskJkQqJY8bkyMZGQRke4NSVV1S9/s3SLy+8vzPs0DzbN2N21ScZ7dKmVlFuWw43bViPRNItNA0Ky0nTlK21lCsMe45YhRjJPcnqT3JNR6VoVtpN7qd3C8stxqdz9pnkmIJyEVFQYAwqqoAH15Oa5Ow+ImpjS9A1fXtBtbLSddaCOG4tdSa4kheYAxiRGhTAOcEqzYPbHNXNZutV0z4k+HIYdZunsNWkuEmsJIoPKQJAWG1hGJB8wzy5/KtHfmbfp+X/AJVraepuar4U8O69crc65oGl6lOibFlvLOOZlXJO0FgTjJPHvWhJZ2sti1lLbQvaNH5TW7RgxlMY2lemMcY6YqjrPiTTNBe3j1CWUz3JIht7a2kuZpABliI4lZyo4y2MDIyeRWLr3j/TrPwDeeItFeW+C28zW/l2M8qrKisdsyou6IBhht+3HOSKhtKL7FpNyXc2tJ8L6BoEskuhaHpumSSrtkeztI4S49CVAyKvW9la2jzva20MD3EnmzNHGFMr4A3NjqcADJ5wBWBo3jax1Lw82ozxX8H2eyF1ctNplzboBs3NsaRAH7/dJ4pvhvxHrev21lqUmg21tpF/GJYJU1HzLhY2GUaSPywoyMZCyMQSOvJFNNNrt/X6EJpq5avfA/hPU72W81Lwvo13dTHdJPPp8UjufUsVya1E06yjuYriOzt0nhhMEUqxKGjjJB2KcZC/KOBxwPSuNb4lwRfEC60WSz1I2UNgkwaPQ715jKZXU8CM5jwowwXBOcMeldVDr+nT63/Y6TOt/9lW88iSF0JiJ2hssAOvBHUdwKS2TX9b/8H5Dejd/62/4HzJl0nTktbq1TT7Vbe8Z3uYhCoSdn++XGMMW7k9e9VtJ8L6BoEskuhaHpumSSrtkeztI4S49CVAyKjXULXxLa6ha6Jq9xbS2dybWa6tYl3RSrgsqmVGRuuDwccjgjjP8Ahzqt/rPgSzvdXumu7tpJ0edkRC4SZ1BIQBeijoBR5/1YGdRWZeeGdB1DVYdTv9E0661CDb5V3PaRvLHtOV2uRkYPIweKo2Pjrw7qOow2Vpfsz3DMltM9tKkFyy9RFMyiOU8HhGPQ+hroaPMPIKjuLeG7tpba7hjngmQpJFIoZXUjBUg8EEdqz9a8SaZoDWyalNL510zLBb21tJcTS7RliscSsxAHU4wMjPUVleJvG1to/gW717T0uLhhbTPbgWE8gEqKx2yqq7ogGXDb9uMEEg0m0otsqKbaSNXSfC+gaBLJLoWh6bpkkq7ZHs7SOEuPQlQMiksPC/h/StSk1DTND02yvZQwkubezjjkfccnLAAnJ5NVvDHii38S6dC8cN9DcNbpLKZ9NuLaPLAZ2NKgVufQniszwpd6rH438SaNqOsXWqW9jHaPbvdRQq6eYrlhmKNARwOoqmmnZkJpq50Gr+HtF19Ik13SLDU1hJMa3tskwQnqRuBx0qLUvCnh3WRANY0HS78WyeXALqzjl8pf7q7gcDgcCtaikMyR4U8OjRTo40HS/wCzC/mGy+xx+SWznd5eNuc98U7SfC+gaBLJLoWh6bpkkq7ZHs7SOEuPQlQMitSigDMsfDOg6XqU2o6ZomnWd9Pu826t7SOOWTcctuYAE5Iyc9TWnXL6ZrOo69421BLF1h0LRybSVtgLXd0QCwB/hSMEDjqxPZeTxHrOot4j0zw14edYr26Bu7u6dA4tbVGAYgHgu7EIvXHzHtQtbef9flr6B3/r+u3qbOqaFpOtiEazpdlqAgbfELu3SXy29V3A4PuKkfSdOks7m0ksLVra7LNcQtCpSYt94uuMNnvnrWT4x8TTeGdNt3sNO/tTULyfyLaz87yvMIRnY7trYwiMenYDvWT4s8Z/ZPA+ieItMvo7O0vb6wMs8u3atvLIu8MWGFG0nJ4x6ihWf3pfeD0+6/3HU6VomlaFatbaHplnpsDvvaKzt1hVmwBuIUAZwBz7VerH0fxXpGu3k9rp8832mBFleG5tZbdyjEhXVZFUshIPzDI96i0vxnoes3i2+m3E83mM6xTmzmS3nK5yI5mQRyfdY/KxyFJHANPVgcTf/DS+luNe8/QfDHiCbVLmaaHVtXkb7TbK4wqbfJfIj6LtkXIA4Wu80Lw9DpGk6Vb3Un9pXum2otk1C4jBmYYAY7uSN20ZGewznFc23xLgi+IF1oslnqRsobBJg0eh3rzGUyup4EZzHhRhguCc4Y9K6DVfGGh6JPZwapeNb3F9G0lrAYJDJPt25VUCli/zr8gG49hwaUfhVv6tdf5hL4nf+r2f+Xoad9YWeqWUlnqVpBeWsoxJBcRiRHGc4KnIPNQaboOkaOFGkaVY2AVDGotbZIsLuLbRtA43EnHqc1Vs/FujX+iz6rbXUjW1vK0MytbSpKkoIHlmJlEm/JAC7cnIwDkU/RvE+l69Pc2+nyzrcWoUzW91aS20qBvut5cqq204ODjHB9KA6Ghb2VraPO9rbQwPcSebM0cYUyvgDc2OpwAMnnAFZF74H8J6ney3mpeF9Gu7qY7pJ59Pikdz6liuTS2fjLRNQ1RrGyuZp3WVofPSzmNsZB1QXGzyiwPGA2c8deKwG+JcEXxAutFks9SNlDYJMGj0O9eYymV1PAjOY8KMMFwTnDHpRu1/XQOj/rqdbf6JpWqaaun6nplneWS7dttcW6SRjb0wpBHHalTRdLi0Y6RHptmmmFDGbJYFEOw9V2Y24OTxiuf1XxdqcXjGz8PaDo9reTXWnNqBlvr17QIiuqbdohdt3zDqB3qbRNdk8ZaNf28cl1oOp2F01neC3aKZoJVwx2M6MjqQRglc4PQHobr+ujt+YbP+vU2dK0TStCtWttD0yz02B33tFZ26wqzYA3EKAM4A59qvVy3w51a+1jwHZ32sXZuroyTpJO6IhYJM6gkKAo4UdAKnsfHnh3UdSgsrW9kL3TMlrLJaTRwXLLnIimZBHJ0JGxjkAkZFG7F0OiorhG+JcEXxAutFks9SNlDYJMGj0O9eYymV1PAjOY8KMMFwTnDHpWt4x1LV9M0CLXdC3Sx2DC5vLFofnurbHzqMgMjqDuHTlcHrSurc3Qqzvy9TpaKhsryDULCC8s5BLb3EayxOOjKwyD+Rp880dtbyTzNtjiUu7YzgAZJpv3dxLXYfRXN6X8QfDOtXNpFpmotOLw4tpxbSrBM23dsWYqELgZym7cCCCMggUdZutV0z4k+HIYdZunsNWkuEmsJIoPKQJAWG1hGJB8wzy5/KgV9LnZUVl6z4k0zQXt49QllM9ySIbe2tpLmaQAZYiOJWcqOMtjAyMnkVi694/wBOs/AN54i0V5b4LbzNb+XYzyqsqKx2zKi7ogGGG37cc5IpNpK5STbSOuorC8L+KbfxJp8DxwX0U5t0ll8/Tbi2jywGdjSoAwz6E8Vu1TTTsyU01dBRXM658Q/DXhya6j1W9nX7Eqm6kgsZ7iO23fdEjxoyoTwcMQcEHuKuXvi3R9Ps7G4uZbgHUF3WtvHZTSXEoAySIFQycAjPy8ZGcUulxm1RXJa/4+0+x8A3niHRnkvgtvM1uYrKeZVlRCdsyouYgCMNv245BIqXS/GtvqXhiXUY7S+E9vYfa5Un064tY3ITcQjyoAwz6FuOeaTaSbfQdr28zqKK4Gw+ImpjS9A1fXtBtbLSddaCOG4tdSa4kheYAxiRGhTAOcEqzYPbHNXNZutV0z4k+HIYdZunsNWkuEmsJIoPKQJAWG1hGJB8wzy5/Kqaadn6E3VrnZUVl6z4k0zQXt49QllM9ySIbe2tpLmaQAZYiOJWcqOMtjAyMnkVi694/wBOs/AN54i0V5b4LbzNb+XYzyqsqKx2zKi7ogGGG37cc5IqW0lcpJtpHXUVg+F/FNv4j0+CRIL6Kc26Sy/aNNuLaPJAzsaVAGGfQnil0vxnoes3i2+m3E83mM6xTmzmS3nK5yI5mQRyfdY/KxyFJHANU007Ep3Vzdorl/Ees6i3iPTPDXh51ivboG7u7p0Di1tUYBiAeC7sQi9cfMe1S+Nr7WNH0VdZ0T98mmv597Y+WGN3bgHeqnqrgfMuOpXB61N1a/QqzvZHR0VDZXkGoWEF5ZyCW3uI1licdGVhkH8jUxIVSWOAOST2pvTclO6ugorlE+JnhaXULKyivLySXUJTFZummXTRXLDqY5BHsdR13AkY5zjmrmqeOPD+jX01pqF7IsluFNy8VrLLHahvumaRFKRAjn5yvHPTmgZv0VxfjHx/H4b1DRLa2gubgX19HFPImm3M6GFkdsxvGpVnyo+UFjjPy9x0ltrllc6PLqn+k29pCrNI15aS2zKqjJJSRVbGO+KL6N9g6pdzQorlfDGu3914ZuvFHiSRLOwuFa8trYoAbS0C5UuRkl2Ubz6ZwOlUI/iFeW0mi3OvaHFpul67crbWMv28SXAZ8mLzYdgC7gOdrvtJAPch2d7ddPxC+lzuaK5bV9a1Hw/42077ZIJtB1cizT92A1ndclCWHVJBleejBexNTeNr7WNH0VdZ0T98mmv597Y+WGN3bgHeqnqrgfMuOpXB61N1a/8AX9dfQLO9v6/rodHRUNleQahYQXlnIJbe4jWWJx0ZWGQfyNTEhVJY4A5JPam9NxJ3V0FFconxM8LS6hZWUV5eSS6hKYrN00y6aK5YdTHII9jqOu4EjHOcc1c1Txx4f0a+mtNQvZFktwpuXitZZY7UN90zSIpSIEc/OV456c0DN+iuL8Y+P4/DeoaJbW0FzcC+vo4p5E025nQwsjtmN41Ks+VHygscZ+XuJ/EHjn+zPD1lqWlabNdve6jDp8UN+k1gQ8jbQzCSIuFB/wBjntRv99vnp/mH+V/z/wAjraK5jSvFV5L4qk8NeIdNh03UmtDeW7Wl39phmiDBWwzRowYMRwVxjkE84q+FLvVY/G/iTRtR1i61S3sY7R7d7qKFXTzFcsMxRoCOB1FAHY0Vz2q+OvD2i3s9tf3koa2Cm5khs5porXd082REKRcc/ORwQehzWZ4x8fx+G9Q0S2toLm4F9fRxTyJptzOhhZHbMbxqVZ8qPlBY4z8vcHYDtKK5jWfHNppvh2DUrazvJ5by7Sxs7W5t5LNpZ3OFDecqlFz1bB4HAJ4N601TVYLS5n8R6VFaCBd6nTZ5L4OO4CiJJC3sEPBHPUAA2aK4jwb8RIvEct5Bd2l/HMmp3FrAU0e7WPy0chDI7JtRsfeDFcHqB0rorXxNpF5p2oX8F4BbabLLFePIjR+Q0XLhgwB4HOehHIzR0v5X/r7w62+Rq0Vw3j3WLwfDp/FPhjW7yxWK3W4hVLeLbcK5XG9Zoiw4PQbTzzXW6jqllo+lS6hqtzHbWsKhpJZDgDPAHuSSAAOSSAOaHpuG+xcorJ0bxPpWvXFxb6fNMtzbAGW2urWW2mRT0YxyqrbTzhsYODzwazdM1nUde8bagli6w6Fo5NpK2wFru6IBYA/wpGCBx1YnsvJ1sHQ6iiuW1fWtR8P+NtO+2SCbQdXIs0/dgNZ3XJQlh1SQZXnowXsTWvr/AIg0vwvosura9drZ2MJUPMys2CzBRwoJPJHajpcOtjSopFYOgZCCrDII7iloAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArO8RRST+F9VihRpJJLOZURBksShAAHc1o0VMo80XHuVF8rTPPfA3gd28I+FpvEmoardvp9nbzQ6ZerFFHaTiMAHakaOSnIAkZsdeuDSeLdZiX4h+GZU0/WpodKnuTdywaLdyogeAqpDJEQ+ScfKTXodFaSfM7/MhKyscLqEsuifEyPxHc2WoXWl3+krZrJaWM1w9tIsjSYeJFLqGDddvBXBxxVbT/D+p6l4N8bubaS0fxI9zLZWky7HRXt1iUupPyMxXcQcEbucHIHodFQ0nFx8mvvd/zKTakpeaf3KxyvhPXo73wrb2z6VqsV3Z2CCe0utOlhywQAoryKsbnIxwxHfOK5G1021sfFGlH4Y2Ov6Wkl8X1Szmsrm1077O2PMby7hFRX4UL5WDyeMdPWKKpu8+f+v+G8iUrR5f6/4c4bVZpNA+Kw1q7sdQn0680ZbQT2NjLdeXKkzPtZYlZhkPwcY4PNQfEq7k8P2+leO9OtJLmXS2MM1uqbZJ4LjCbcHByJPKODzwa9ArE1PwxBrGs2l7qV9eT29nIs0OnbkW3Ey8rIcKHYg8gMxUHBxkA1NtEv6te7/OxV9W/wCtrf1/SKXhyzi8DeArKHUFuZp1XzLx7W0kuJJLiQ7pG2RKzHLseccCud8CLcX/AMK7zw8lvqWnamYbxQbzT57YIZZJChDyIFJwwOASR6V6VRRJKd0+oo3jZroeSeG9IS7sfDmk67qfjGC60qWBl0+TRkW2hmh4A+0R2u0x8HDCXBU9c163RRVOTe/qJJLY4/xvY6fLfaXqF1Jr1je2Zk+zaholq9y6Bsbo3jWOQFWwD8yEfL1B61rC38SeIvhDqdlryltUvLS6toJJIBbyToVZYpJIs4jdhgleMZ6DoO5oqHG8XHuWpNSUl0OZ8G69Fe+HLO2lsNUsrqzsoxcQ3emzxbWVQCqsyBZDkH7hOawfDWtRSfFDxDcnT9ait9Tjs47WafRbuJHZEcNlmiAQDI5bAr0Sirb5pczM1G0eVBXKeLPBv/CSX8Nx9l8MzeVHszrGg/bpByT8r+cm0c9MHnvXV0VNijF8LaD/AMI7pLWfk6RDulMm3SNN+xRcgDmPe+W4659OOK2qKKq9w2OH+GWLO38Q6PPgX1jrd08685ZZn82N+exRxg+3tQmNP+OkzXeFGraIiWbHPzNBKxkQds4kVsegro28O2R8VR+IYjLBfC3NtL5TYS4TOVEgx8xU52ngjJ7HFGveHbLxDFai8MsU1ncJc21zA22WF1PVWweCMqR0IJFJacvlp+Fv+D+HmD15vPX8b/np+JzWs6f4h1n4nQTaTLBYWui2B2T3+nyTxTzTnDBAJI8lUjAyCceYRjmuSbSNa0zwTL4e1LT7m9i0LxLaTxSWunyFJrMzJMTHGN7ME3OpUFiAoFez0UR0afb/ADv/AMD0B6/15W/4PqcTYCbX/iP/AMJDa2N7DplppMlluvLV7Z7mV5FfCxyhXwoT7xABL8Hg1ieH477RPEOk6V4Ml199GE0i3umazpsiQWMOMgw3LopJVsKFDyghsjAGa9RooWlrf1rf9Qet/wCuljhtVmk0D4rDWrux1CfTrzRltBPY2Mt15cqTM+1liVmGQ/Bxjg81Y1OzmvPip4X1GOzme1h0693TtAwWJn8naGJHysRu4OD1967GihaW8r/jf/MHq2+9vwt/kcp40bUdE8PS3HhKy8q5ur2I309lZiWZI2IWSdYwD5sgUDGQ3A6HGK5nw5Y6pqHxA1m78/X5rW40JbW21LWLFLVi/mvkKqxRkAbs/OgY8nlcGvUaKVu/n+KsO/b+tbnDfDzUzpnhfRvDN9o2qWep2NutrOhsJBBuQYaQT7fKZWxu4bJz0zxRqs0mgfFYa1d2OoT6deaMtoJ7GxluvLlSZn2ssSswyH4OMcHmu5oqm25c3X/NWJSsnHp/k7nnus6NqWr/ABh029sLvVNKtRoEqtfWttH94zIRE3nROqkjnGA3y/WuksrHS/A2gyeWl9OskxmuZkt5bu4uJnPzSMsSliSeuFCjsAABW9RSWisvP8Xce7u/60seXeELe51j4Paj4YittS07VJLa8QfbdPuLZVMskhQh3RQeGBwCSM0+aa68T+HfDnh6x0XU9PvrK6tJbtruxkhis1t2UvtlYBJCdu1fLZshs9MkenUULR39Pw2B6q3r+O5w2qzSaB8VhrV3Y6hPp15oy2gnsbGW68uVJmfayxKzDIfg4xwea6LxFq1npng/UdUvjstIbN5X81SpI29CDyCemOuTitesvWvD9lr7WI1PzZILO5W5FuHxHK6/c3j+IKcMB0yATnFS43hyf1q/+CUnaXN/Wit+hQ+Hum3Gj/Djw/p98pS4t9PhSVGPKNtGV/DpWrrf/Iv6h/16y/8AoBq9UV1bpd2c1tIWCTRtGxXqARg4p1rzUrdbip+41foeSeHZD4m+H3gLRNGsL9WszYXl3dTWEtvDCkIV2KyOqrIWPyjZuzuJ4HNbvi3WYl+IfhmVNP1qaHSp7k3csGi3cqIHgKqQyREPknHyk12uiaTBoOgWGkWbyPb2FvHbxNKQXKooUEkADOB2Aq9Wk3eTt1bf5f5ERXupPtb+vvOF1CWXRPiZH4jubLULrS7/AElbNZLSxmuHtpFkaTDxIpdQwbrt4K4OOKraf4f1PUvBvjdzbSWj+JHuZbK0mXY6K9usSl1J+RmK7iDgjdzg5A9DorNpOLj5Nfe7/mWm1JS80/uVjmvBOtx6joFjZvY6nZXdrZxLPFe6fPAEYKFKh3QI/I/hJ9am0jxDqGpeLdb0m68P3djaab5X2fUZT+7vd6knZwB8vTgt746Vv0Vbd5czJStHlR4hPcm51Hx3p91qtxY6Nfam6Xq2OgXGoEIIY1kKXUW6ONmUYZXQlDnit/XbWQeMNF8S6TqWsR6DNo/2OG80O0jvWjJYSKShilbY6gDcq9VUEjNdHL8P4V/tGLTNf1jS7HUppJrmytGgMbPJ/rCrSRNIm7k/KwwTxiuj0zTbPRtLttN0yBbeztYlihiXOEUDAHPJ+pqY6Jd1b8mn/wAD8ipat9nf80/01/M42x8Nwz/DfxNZ6Nd6tez62t05fV7X7LKZ5Ith/dmKLapIB+6Byeam0zVv7X+HE+nR6bqttqEOjmKW3utNnhxJ5W3YrMgVznj5Cc121FTKPNFx6NJfdf8AzBOzT7Nv77X/ACPPfA3gd28I+FpvEmoardvp9nbzQ6ZerFFHaTiMAHakaOSnIAkZsdeuDSeLdZiX4h+GZU0/WpodKnuTdywaLdyogeAqpDJEQ+ScfKTXodFaSfM7/MlKyscLqEsuifEyPxHc2WoXWl3+krZrJaWM1w9tIsjSYeJFLqGDddvBXBxxVbT/AA/qepeDfG7m2ktH8SPcy2VpMux0V7dYlLqT8jMV3EHBG7nByB6HRUNJxcfJr73f8yk2pKXmn9yscz4N1uPUfDlnZvp2p2t3a2Ua3EF7p80ADBQpUO6hH5H8LEd+lcp4fjvtE8Q6TpXgyXX30YTSLe6ZrOmyJBYw4yDDcuiklWwoUPKCGyMAZr1GiqbvLmJStHlRw6Y0/wCOkzXeFGraIiWbHPzNBKxkQds4kVsegrpPE+p2uj+FNU1DUWVba3tZHk3dCNp4/Hp+NJr3h2y8QxWovDLFNZ3CXNtcwNtlhdT1VsHgjKkdCCRS614fstfaxGp+bJBZ3K3Itw+I5XX7m8fxBThgOmQCc4qGrw5fX8Xf9f6uUnafN6fhp+hm+A7C60P4Y6HZXcLm6tdNiDw5+bcEB2c988VDpfiO9174aXOs6zoMuh3DW1wZNP1Cby9gXcBudgu1SBnJAwDnpzXWVW1HT7XVtLutO1CLzrS7iaGaMkjejDBGRyOD1FOreal5hT93l8jx3wVd2z6X4JTxRrlyttpyQ/2fC3h25s42naIpGsl0+6N8KzBdpUMcHJ6G82kXWmat4p0/XNU8VWdtqt9Lcx/2VpCXsFzDKoXBdbWVlZQuwqxHAUjg5rr4/h7A6afb6rrur6rp+nSRy29hdmARBox+7LGOJXfbwQGYgkAnNddVStJt97/c7fjp56Exukl2t+F/w18tTgfFOkSab4X8JPplvf6hbaDqFpNIohL3LQLG0ZYoAGZgHBKhc8HitPxTu8X/AAw16DRo7pZbuxnhiS6tJbaRn2EAbJFVuemcc11dFTL3lJPrf8bL9Co+6010/T/hzkY44PG/wd+z6VKiR6ro5hiYdI2aLbg/RuCPY1xNvpFz4jsdGsbzTNWPiEXds2p3d9ZSQQ2EEEqyNHDIR5ZUsihfLZmfhmJ25Hp+ieHbLw/LfnTDLHDfXBuWti2YonI+Yxrj5Qx+Yjpkk8ZrVq7+/wA/o/mtf1+a7E29zk9V95xHxP23em6Jo8WGvdQ1q08hATuAikEsjjH91EbJ966PxPqdro/hTVNQ1FlW2t7WR5N3QjaePx6fjQPD9kfFDa/L5s16Lb7ND5j5S3TOW2L2LHG48k7QOgo1rw/Za+1iNT82SCzuVuRbh8Ryuv3N4/iCnDAdMgE5xWbV4OPf/gL8l+hSdpKXb/h/1/XyM3wHYXWh/DHQ7K7hc3VrpsQeHPzbggOznvniodL8R3uvfDS51nWdBl0O4a2uDJp+oTeXsC7gNzsF2qQM5IGAc9Oa6yq2o6fa6tpd1p2oRedaXcTQzRkkb0YYIyORweop1bzUvMKfu8vkeO+Cru2fS/BKeKNcuVttOSH+z4W8O3NnG07RFI1kun3RvhWYLtKhjg5PQ3m0i60zVvFOn65qniqzttVvpbmP+ytIS9guYZVC4LraysrKF2FWI4CkcHNdfH8PYHTT7fVdd1fVdP06SOW3sLswCINGP3ZYxxK77eCAzEEgE5rrqqVpNvvf7nb8dPPQmN0ku1vwv+GvlqcD4p0iTTfC/hJ9Mt7/AFC20HULSaRRCXuWgWNoyxQAMzAOCVC54PFR/EDz/FnhbRW0KHVEI1+zZn/s+SKaBVl+aXy5o8gL1yylfXIr0Kii+t33v+X+Q+lvK35/5mDpXhi30fUrjWby/vtX1KSHyTeXgQyJCPm8tEiRFAzk8LuJPJOBjmfDWtRSfFDxDcnT9ait9Tjs47WafRbuJHZEcNlmiAQDI5bAr0SikB5np9zdeGLHxNod7ouqX17fX9zcWb29hJNDeLOcoGlAKR4ztbzGXAXPTmn6poGp6H4B8ExyQz6lN4dvLOS9W0jaVyixtG7Ko+Zsb84AJIHSvSaKFolbpy/+S7f8H9Aerfnf/wAm3/4BzOs3uh6/4TkOr6Nf6jpNw/lTW8ukz+Yvo3kMgl64wyqSCQeACRh+Bba7tPFl7Doh1weEls0EUWtLMpiuQQNkAuAJvLCDnOVyfl7gehUULR3/AK/rsD1VjhPBl02g6treianYalFPc63c3NtOmnzSW8scrb1bzkUovUg7mBBFYHjHTLqLx3L4as4HOn+ODFJcvHjEHkFftJI/6aQ7Fz6/WvWqxNO8MQWWvT61dX15qWoSxmGOa7ZP9HhLbvLjVFVQMgEkgscDJOBQt436fjZaL8rg+vn+bf8AX9anP/FadV+H9/o1lYahc3V1AFt4bHTZ51+V14LRoVXgdCRUfjqO58U+DdPvtBTVUGn6nBeTRJZGG6aOIndsiuI/mYZDAFTkrxk4Fd/RR1v8/udw8vl95w/hSxs7rxZLrX9seJtQvo7I2p/tjSTZRiMuG4/0aIMQR6nGTxR8MsWdv4h0efAvrHW7p515yyzP5sb89ijjB9vau4rKbw7ZHxVH4hiMsF8Lc20vlNhLhM5USDHzFTnaeCMnscULR/Jr8b/n+dweq+d/wt+RzvxP23em6Jo8WGvdQ1q08hATuAikEsjjH91EbJ960PiNq0GhfD/VNUu9Eh12C1RZJLCYqEkUOuSdysPl+90P3a0x4fsj4obX5fNmvRbfZofMfKW6Zy2xexY43HknaB0FLrPh7TPEKQR6xA9zDC4kEBmdYpCCCPMjBCyAEA4cEZFLXlsu9/y/y/rcd1zX/rr/AJlnTL1dS0m0vo42iS6gSZY3HzKGUHB9xmrVHSiqdr6Eq6WoUUUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUjHapJ6AZ4FLSNuKnYQGxwSMgH6Une2gHJ+D/ABhqHi+0t9VttJtE0W6ZxFPHqIluI8E482LywqHjBCyOQSBjqRif2v4zHxevbODT9NkiXR45EtZNamWHb58gEvFucSHGCNvAA+Y9Knj8E6jc+ONP12TStE0Oa0mklur7SbiQz6kGGDHKnlINrHDHc0hBUAdS1aur6Jrlv45j8SeHotPuzJp/2G5tb65e34WTejq6xyf3mBBUdRzT0vF+v5P9f66jezS8vz/yMz4v6VY3/wAMdQvdT02zmvrSBWhleNZGt2Lpu8tyMj6jGcV3yf6tfoK5Hx/pHiLxJ4Tn0XR7TS83sIWea6v5I/JYMDhQsLbxweSV+ldBYNqsulN/aVvZ2V9hgq21w1xGOPlO5kjJ9xj8aNkxdUXmO1ST0AzwK5Pwf4w1DxfaW+q22k2iaLdM4inj1ES3EeCcebF5YVDxghZHIJAx1Iv+D7TxLZeFYIPGWo2uoa0pfzbm2j2xkFjs4CrnC4HQf1POR+CdRufHGn67JpWiaHNaTSS3V9pNxIZ9SDDBjlTykG1jhjuaQgqAOpantKz/AK/r+rh0L9/431ASaxNoehJqOnaG5jvZ5L3yZHdVDyLAmxg5VSPvMgLZAPGayfGniLXpZPCF54ahtjp+oalbtFI+pSQPcB4ZG8uRFiYBCMHOW5A+XuGz/DZbPxBq13B4T8KeIoNSujeCTVx5U8Dv99N3kS70yNwPy43EYPWug8TeGbrUNC0ZNBisbO70a8gu7a1Ylbf5AVMWVXKrtZgCF44+WpW0W+8f+D/X5je7S7P/AIH9fkVPGOv+JdG8EfbjYw2d0bpI7qawL34srYth7gKY0LlV5xsIHU7gCKt+GdS/tDRbm98O+KYvFyMoMJupIY/LkxnY7wRDYMEcGMsD+Q0jP4lbSFlXT9KTUVk+a1N9I0Lp04m8kMp6H/VsOMd8jG0HwvqKePL7xXq9vpun3FzZraG002RphLhg3myyskZZuNoG3gDqega3a/rb+vvE9r/1uZnw61bxbfHVBqFnYTWya5eRSTPq8skkAWQjZGhgwyr0X5l47DpWsvj6KDRfE97qti1pN4cmkjmt1l3mZQgeJlO0f6wMuBjqcZNHh/Rdf8Oa1qUEEGm3ej3+pS3wne7kiuIPNwzr5flMr4bODvXg9q57xRoh1b4x6bYafPG1td20d3r1rjOY7aQNbE+hZyVweqqfSktVFd1b00V38rP1G9HJ+d/XX9f+AWPihY2+s/CC41XW9FtI9ThtEljEqLM9m7MhZUkKgg9iQBnFdd4j8QR+HNGjuTbyXdxPNHa2trGQGnmkO1FyeAO5PYAnnGKy/iHo+veI/DF1omhW2msl5HtknvL2SExEMCMKsT7unqKi8UeFtQ8aeEYLbV7PSoNRs7tLuC3eRry1kaPOEkLRoSrAlT8vGc89C3q9Nr/rqK3fe3/DF/R/Et7ceJJ9A1/TIdP1FLYXkRtbs3MM0W7aSGZEYMG4IK9wQT2zPCrN4p8W6t4luZma20+5l0vTLcEhIwhAmlI6F2fK57KgHc1b8KeGo9I1Ca4bwb4Z0GQx7Fn0eTfI4JBKt/o8WF4B6nkdKo+B5F0DxFr3hK8LJMLyXU7AueLi3nbexX1KSMykdsj1prf5P77/AOV/xYnt8191v87fkZn/AAlVzdeO9U0nXfFc3hW5huRHpenvbwLFfQ8BZfMmjPml2YjbG6kBcdctVz4h6n4nsNW8MR6RBaeRNq8MZc6lLA1wxjlJidFiYCM4znc3IHy96v8AizSfEviPSdQ0JtL8P3Gn3gMa3d1cyFo1J4f7P5RBdO37wZKg5XOA7W/CN9L4W0Cz0e6imv8AQLi2uIHvSypcGJSjB2UEruVm5w2D2NStlfo18+/9dfwKe7t1T/LT+uhPq/ijVPDuk2F9rmkWqLPfxWt0bS+aVLWORtqy7miUt8xUEYGM9TVyPxF9q8cXHhy3svNjtbJbm7uy/wAsbOxCRbcckhWY8jAx1zxX1uD+1PAOqweNEstMhktpRcNb3bTRwpjh97JGcjr04I61lfCyw1WLwUNZ14JJrmtEXlwSCmRsVIlPUr8iqSMcFm4prrfp+ulvwb/AT2Vuv9f8Ai8GaVp+jfE7xjaaPYWthbCGwYQ2sKxICUkydqgDJq5f+N9QEmsTaHoSajp2huY72eS98mR3VQ8iwJsYOVUj7zIC2QDxmotC0rxbaeOtU1nUNN0VLbVVt0kWDVZZHgESsMgG3UOTu6ZXHrWZP8Nls/EGrXcHhPwp4ig1K6N4JNXHlTwO/wB9N3kS70yNwPy43EYPWlr/AF30/QNP6/ruehadfQapplrf2jFoLqFJoiRglWAI/Q1g/ETV77QvAeoajpU/kXcJi8uTYrYzKqnhgR0Jp3iXTPELeCPsHgO40/RNUjWJLcvGGggVSNyKNhGNoIHyfgOy+N9Bv/EngS80iykt/t06x7XmZkjLK6sckBiAdp7Gqla7a7iV7I6JgWUgMVJGAw6j864Dwyddm+JGv6ZfeK9TvLLRxatFDLBaL53mxszBykCnAIGNpX8a6rS7nxFLLKNa0vS7RAmY2tNSkuCzehDQR4Hvk/Suc8O6N4ssfHmsa1qWn6MlrrAt1kW31SWR4BEhXIBt1D5z0yuPektxvYyfC/jLW7jUvFUGr3nnRJe38WlP5Kr5P2c8xkgAH5WRhuyTtf0qnJ4yvXtfAZ1rxh/wj9vq+ivd3t7/AKLF5swSEjmaNlXJduAB+lbC/D7Uk8Na5bpPZjUrjW7nVdPl3tsQSHGxztyNyF0bAOA3ektfB/iPRv8AhDZ9Ni0u9n0HSH0+5iuL2SBXZliG5GELkjMZ6gdRRHZX8v8A0l3/ABt91xv4nbvL81b8CbxB4iu9K+HUeo+G9cl1+J7pY7jWY4orpraAviSYJAgR/LGeApx1IOCK2vBt/bapYyXemeL/APhJ7N9uJXEBeFsZ2kwogHBB2su4HqewutN4kOjpKlhpSakJPntDfSNC6cjibygynof9WehHfcMXQfC+op48vvFer2+m6fcXNmtobTTZGmEuGDebLKyRlm42gbeAOp6Brf8Art/X3kvb+u5BoZPhb4jXfhlJC2marA+qafGxJ+zyBwJ4xn+El1cDsWbtit3U9cvrDxVo2lW2h3V5aaiJvtGoRn93ZbFBXfx/ETgZI9s9KwtPlHib4s3GqWZ36d4ftJNOEwOVlupGVpVX/cVEBPqxHY1H4q8QawvxI8L6P4W1CGYGeRtasEjWRo7faCJJG6xjn5em4sOvSlHaK7/8G3ytZ+mo3vL+umvzv+Oh3lFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRVXVJpLbR7yeFtskUDujYzghSQaUpcqbY0ruxarHk8VaVD4kh0GZ7qK/uCwhEljOsUpVN5CylPLbC88N7da4XStd8UWnhPwl4n1bXTfvrE9nDc6clrFHDsnAUMhC+Z5gJDE7ip+bCgYxv+K/+SkeBv8Ar4vP/Sc1TTT172+en+ZN7q/lf+vuOzqO4uIbS2lubuaOCCFC8ksjBVRQMliTwAB3rlNU1HUtX8ff8IxpupTaRDa2C39xdW0cTzSl3ZEjXzVdVUbSSdpJ+UAjnPM6xeatrXw28a6bf63cLdeH1uraW6tYYVF/H9n8xRIrIwU4cBtm3kHBHQQ5e65Ls39zt+ZcY3kovul96v8AkepxyJNEksLrJG6hkdTkMD0IPcU6ub8FaXd2OgWEt1ruoakktlDshuo7dUi+UH5fLiRvb5ia6StJLlk0ZxfNFMKK838Q+I9U0rxhqP8Ab+r6l4d0aEQf2ddwack9jNuwGNxKY3KHzDtILRDaBg5O6rPizxbPH4xsNAtL7UbC1ewa/nvNK0x76aQF9kaIBFKqr94lip/hAIzUrVLz/wCHLat/X9dzu7i4htLaW5u5o4IIULySyMFVFAyWJPAAHenRyJNEksLrJG6hkdTkMD0IPcV5bqN3rfiH4O+Jzqd7qljJp8V7Es7acLVtSgWElWeOaLKhgcEoE5BxjoNyx0u7sfhjcy3Wu6hqSS6IdkN1HbqkX7nPy+XEje3zE1MnyxlLsk/vTf6DSu4ru2vut/mdxVPTtH0zSPP/ALJ060sftEhlm+zQLH5rnqzbQMn3PNeV/CqOPxZZ6JJrWEXw5ptotjpUq872hUi8YdGzgiMjO0Bs4YkLY1Dxrq+pX/iKTTdQ1myk0q7ktLCysfD8t3DcvEoJM8ggf7zkjCOhC4OcnNXJcra9fuv/AFoRH3lf+rnrFFcPB4k1aDxV4cm1Yva6Zr2mEGzmiCG0vEUSkEkBhlN4wx4MfQVVtPFesR/CfXvGV5J5hkjub3TIDGqiG3APkA8ZOQA5Jz9704pS91N9r/n+u68hx95pLrb8f6t6na2Wr2Go3l7a2Nyk8thIIrkJkiNyM7SemcEZA6Z5qxJaW8t1Dcy28TzwBhFKyAtGG+9tPUZwM461j+DNFg0PwZp1jEN5MCyXEjHcZ5XG6SRj3LMSSfeuWv8Aw1oWg/Ffwc+haLp2mvMt8JWs7RIS4EIxkqBnr3ptcsuViUrxuj0aivNfHXixtOGtT6R4n1RLzSoDILKw0b7Vao6pvCXEohfaW7/vI9qkcDG47A8Q6jD4t8PS3UwXR9d05lEOxdsF2qiUfPjJ3JvGCcfu/ektf69f8hvT+vT/ADOm1DR9M1fyP7V060vvs0glg+0wLJ5Tjoy7gcH3HNXK4LS/E11P4Ev/ABFretHTbW/vXOnSC1V3gti+yIRoFJkkcDcuQ3Lj5WAwcq08SXl1deKdCl1HU9TtI9CN5FNq2mGyuI2PmIybfJiDJ8oIO3rkZPaZS5Yt+V/wuUld/O342PUqx5PFWlQ+JIdBme6iv7gsIRJYzrFKVTeQspTy2wvPDe3WvJfCWk2N74d8CyeCdBm07W4VtJtR1RNKks0a3CL5weVkRZw/AABfJO7tmu/8V/8AJSPA3/Xxef8ApOa0lHlbXnb/AIJmndX8rnZ1HcXENpbS3N3NHBBCheSWRgqooGSxJ4AA71ymqajqWr+Pv+EY03UptIhtbBb+4uraOJ5pS7siRr5quqqNpJO0k/KARznmdYvNW1r4beNdNv8AW7hbrw+t1bS3VrDCov4/s/mKJFZGCnDgNs28g4I6DNy91yXZv7nb8zSMbyUX3S+9X/I9TjkSaJJYXWSN1DI6nIYHoQe4p1c34K0u7sdAsJbrXdQ1JJbKHZDdR26pF8oPy+XEje3zE10laSXLJozi+aKYUV4fpbtrPjbxH4Ru5WsdL1LxHcS3M5JH24JFCTaIw6Fhy+cEoCFzlivX+KPEb6Z4t07wrp09/o9jHp5u5ZtH0lruUKGEccSIsUiovDEkp2UDGalaxi+/+V/6/wCGLeja7f52/r/hz0GivL28V+J4PAsmtXD3cY0TVgt1JdaabV9RsAVDSGORAVO19xKhRmM4wOK6fTNX1DWPiJqkNrcAaHpVtHAyKinz7uQCQndjOEjKcAjl+c8U1r/Xlf8A4HqT/X42/wCD6HSW1tBZwCG0gjgiUkiOJAqgkkk4HqST9TUtFeZeGPDukeOtF1bW/E1nFeajcahdwx3EvzS2CRStHGkLnmLbt3ZXHzEnrUt2v5K5X/Dfn/kem0V4dDdf8JLL8ObvxD4fbxTLNot20ts0cDmRgYR5pE7KmeM5zn5uK6Px9Z2Vv8Hjb2vhcaTbNqFpnSPKt13Zuo8rtjcxfN/vY55xzVNW++342F/X4Hp1UtK1nT9btZLjS7lbiOKZ7eTAIKSI21lYHBBBHQ+x6EVi+EtO02ymuW07wKPCzMqhn8izj88c8f6PI5OP9rHXis9V/sX41LFZqRb+INMknuY1Pyie3ZFEmOxKSBSe+1fSjql3/wCH/QOjf9djt6KxNTtfEUvirRp9K1C1g0WETf2nbSR5knyo8vYcHGDknkfj0rbpdACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqnrCPLod9HGrO7W0iqqjJJKnAAq5RUyjzRaHF2aZ5/4C8FSJ4T8LXHiG/wBUu5dPsoJIdNvVijjs5vLA+4kaMWXkDzCxHXrzWtrHgiXWNftdWfxRrVrNZO72kcCWmyAumxsb4GJyP7xauqrmr/xLqOneN9L0a50u1NjqrypBeR3rGVTHFvO6IxADpjhz6+1aSfNK5KVok2q+E49S1C01KDVdQ03VLWEwfbrMxb5ozyUdXjaNhkbvu8HpjJqfTfC+m6boVxpQWS5ivN5vJbh90l07jDu7DHJ9sADAAAAA2Kp6xqkOiaHfardrI8FjbyXEixgFiqKWIAJAzgeoqHazvsUk21bcoeG/Dcnhu1S0TXNT1C0hiWGC3vfIIhVeBhkjVzxx8zNUekeDdP0XxbrfiK1mu3u9b8r7Qksu6NPLUgbBjI69yfbFbFldpf6fb3kIZY7iJZUDDkBhkZ9+anqndPXclWa02Od1vwgdd+0w3Gv6vBp12uy50+F4fKlUjDLuaMyKGHBCOvfGCSafqnhG1v7qxvLC8vNHvrGIwQ3VgU3eSRzEyyI6MuQDypIIBBHOd+ub8b+JNR8KaDLq9lpdrqFrbLuuRLetA6jcANgEThuvcr070h7mnb6Qf7Fm03Vb+51dJ1eOWW7WNXdGGCv7pEXGD2Gfes3SvB/9maJNo8mvarf6e9obSKG68g+RHt2/KyxKxIHGXLV0SnKg+opaTSd0+oJ7NHLQeANMtP8AhHpLG6vbW50C3W1guopEElxAFAMM2V2uhwDjAIIypU1JN4NCateX2i69quiNfOJbqGy8h4pZAMeZtmik2sRgHbgHAJGea0tD1611+G8ks45kFnezWUnmqBl4m2sRgnjPTv7Cq/iHxKmhzadZwWz32panP5NraRuFLAcvIxP3UReScHsOpFVdt37/AK6/8H8Q207foc18SdNfxVpVt4QtLfUpb2aeCR9SWB447SNWBebztojL7dyhFOcv0AzjsbnRbG68Oy6JJCBYSWptDEO0ZXbgfhVPxP4kHha1tb67tGk01rhYry6VwPsaNwJWXum7aCc8A56A1tg5GRyKmycWu+/3f5BezT7bHL+BTq0Ph86H4it5UvNJxZ/awpWO8jC/JKjD1XG4dQwPtVmw8Jx22txarqGq6hq9zbRvHafbTFttVfG7aI40ySABufc2B15Od+iqu27vcVklY46/+G1hfHV4k1jWLPT9ZkeW9sLWeNIpJGQKzBthkXOASocKcYIIJB0dc8G2OveFYNCnuby3itvL8m5tnVZoygwCGKkZIyDx0JroKKmytb0/Db7iru9/613MLV/CGm6v4es9IzNZRWEkMtlLasFktnixsZdwIOMYwwIIPSqdr4CtIb/UL+71XVNQvdRsTYXE91KhJjySNqqiohG48KoHcgkknqaKb1vfr+ujEtNF/VijomkwaDoFhpFm8j29hbx28TSkFyqKFBJAAzgdgKw9Y8ES6xr9rqz+KNatZrJ3e0jgS02QF02NjfAxOR/eLV1VFNtt3YLRWMDVfCcepahaalBquoabqlrCYPt1mYt80Z5KOrxtGwyN33eD0xk1PpvhfTdN0K40oLJcxXm83ktw+6S6dxh3dhjk+2ABgAAAAbFFLdWDrcxPDfhuTw3apaJrmp6haQxLDBb3vkEQqvAwyRq544+ZmqPSPBun6L4t1vxFazXb3et+V9oSWXdGnlqQNgxkde5Ptit+ind3uHSxylz8OtGu9N1izmkuz/a2of2kZllCy2txhQrwsAChXYCDz3zkHFWtQ8Ix381heJq+pWeq2MJgXU7cxCaaMj5lkVozGwJAb7nBGVxXQ0Utlb+trfloBzerS/2D4XltdS/tfxNJdK8SxizWSScsMeWxhjVI1PTcwUDPJqL4b+FZPB3gOw0q6dpL3b5t27PvJlbkjd3C8KD6KK6mihaX8/0B62MDSPBun6L4t1vxFazXb3et+V9oSWXdGnlqQNgxkde5PtiqV38PrSafUBZ6xq2m2WqSmW+sLOWNYrh2++2WjMiFxw3luuevBJNdZRRZWt8vkHW5ip4V02HWNJ1C2V7c6RaSWdrbxYESxvs4IxngRrjBHfrU/iDQbXxJpX9n30k0cXnwz7oWAbdHIsijkHjKjPtWnRR/X6gFcfoNhfav441DxTqtpJZwwxHTdLt5l2yeUHzJMw6jewG0HnagP8VdhRR1uHSxwfirwxqHib4keF72C1msrbw/PJcyag867ZwygeTGisWJJHzFgoABxuzXeUUULRWB6u4UUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFUdb/wCRf1D/AK9Zf/QDV6q2o273el3VtGVDzQvGpboCVIGaiom4NLsXB2kmzx7R9F0/SPBHw61HSIVHiO/nsM3ZbfczxNGDOjMfmaNYs/L91Qq8DArt/Ff/ACUjwN/18Xn/AKTmrXgXwPpng/w/p0UelaZBq0VjFb3l5Z2yq07BRuJfaGYFhnnr1q5e+B/Cep3st5qXhfRru6mO6SefT4pHc+pYrk1tN+87d2/y/wAjGK91X7W/P/M57WLS0134uQ6N4nt4LzTE0n7TYWV2geGafzCsr7Dw7KmzGQdoYkYzXOjRbDVfhr45sBp1vf6Vpk14mhefGswgxAMiFmzgLKXVSOmMDpXp+o+HtF1iyhs9X0iwv7WAgxQXVskqRkDA2qwIHHHHarltbQWdrFa2cEdvbwoI4ookCoigYCgDgADsKycfdcfJr73e/wAtjVStJS80/uVrfPc5zwFofh6w8MabqHh/StNtXvLGFpLiztkjaYFAfmZQCeeea0tP8UaNquv6lomn3yzajpez7ZAEYGLeMryRg/gTjvin6X4a0LRLia40XRdO0+acYlktLRImk5z8xUAnn1q1Bplha31ze21lbw3d3t+0TxxKsk20YXewGWwOBnpWkpc0rmcVyxseT/2F4fu0+JGseJIY5jZ6jMsEtw+RaEW0RDxZ4jkLEfMuGJC88Ctnxe+oS/s7yPrW7+0W0u3N1vGG807N2R2Oc1raH8P9PtfEut61rOl6VeXt3qn2yyumt1kmgQRxqo3suVIZGPBxznNb2reGNB1+SOTXdE03U3iBWNry0jmKA9QCwOKlaQS8o/gv+DqW/iv5v8Wc78SJ2TTNDtriUw6Te6rBbao+7aDAwb5GbIwrPsU+obHQ1Qt9B0ew+KUug6JpdnHo95o7yavp0UKfZg/mKIWaIfKGZfMHT5gvfFdpb+HtFtNHk0m00iwg02UMJLKK2RYXDfeygG0578c0/StE0rQrVrbQ9Ms9Ngd97RWdusKs2ANxCgDOAOfahWT+/wDFWt8tydbW9Pwd7/ocD8MfCvhqKbXZo9B0lNQ0/wAQXiRSrZxiW3XfmMK2MqNrDAHQGta2LSfHa++05/caBD9kBHG1p380g/VY8/hXRy+GtCn1pNYn0XTpNTQgrfPaIZlIGBiQjcMDjrWd4l8OXWoatpWuaJPFbatpkhUGbPl3Fu5HmxPgZ6AMp7Mo96Fpy36afha/6v8AUb15vPX8b2/Q1Nfgtrnw3qUGoBWtZLWVZgwyNhQ5/Ssf4dy3Fx8K/D0mpOxmfTITI5yrY2Dk+hxirHjDQbzxPpcWjw3SWun3MoXUmGfNktxyYkx0LnCknopOOa1rm3uE0s2+jSW9nMiBIGmgMscYHqishIxxgMKXSXnb8L/5j6ryv+Nv8jmvhcvhqLwDaW3gnUptS0m3kkjSe4JMm7eSwbKqRgn0HGPXNdfWD4O8J2ng3w8umWcjzs0r3FxO4CmaZzl22jhRnoB0AA561vVUndkhRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVm69q/8AYmnRXXkef5l7a2m3ftx59xHDuzg/d8zdjvjHGc1pVyXxMmuLfwT51lB9puY9U014Yc48xxfQFVz2ycCk3ZXGld2Otorzr4feI28RNBJc+M5Z9ZVSdR8P3FrDAbV8DeixbFmUIWChmdwcHqTka6+PooNF8T3uq2LWk3hyaSOa3WXeZlCB4mU7R/rAy4GOpxk03pv6/IS12OuorkNS8aX1jJ4c05dJtl1rXInkW2u7/wAmGEois6eb5bMz5YAKE55PGKb421LxFb/DPVbyzsLe1vksLgz51FkNttjb95E6RkueMrnyz0ztPAUvdTfYcVzNJdTsaK5jwxqusr4ZhvfE9rYWlpFYJMbqHUJLh3AQFmcNCm3jn7zc/nVG08eX7Lo99qegCy0bW5khs7gXm+dDJzEZodgCBh/ddyCQCOuLatLl/ry+8hO8eY7WivNl+KuoT6tFZ2fhYyrcX15p8ErX20NNbk5Zh5ZxGVGSwyQcqFOMntPC+up4m8K6brccDW631us3lM24pkcjPf61K1V1/Vyno7GrRWN4l8RR+HbGBxbtd3l5cLa2VqrhDPM2dqljwq4BJbnAB4JwDm2/i++t9Vu9K8RaTDY38Vk99bfZb03EN1GnDgO0aMGUlcgr0YEE9ldWv/W1/wAh2f8AX3fmdXRXHt492+G/COrf2b/yMtzaweV5/wDx7edGXznb8+MYxgZ9qx/7X8Zj4vXtnBp+myRLo8ciWsmtTLDt8+QCXi3OJDjBG3gAfMelVZqXK/Nfcri6X9H97sekUU2MuYkMyqshUb1VtwB7gHAyPfArC8Y+KD4S0aG/XT5tRaW8gtRbwOFdjK4Qbd3BPPQkA+o60noHS5v0VzGmeKb99el0XxBpUOnX/wBi+3W6214biOWMNtYFjGhVlJXIwR8wwTzWVoXj/W9c0fRtaj8ISx6VqUscTst2ZLiHeceb5SxkGIHHzF1OMsVA6i12/rp+gbf18zvKK4fXGT/hanhn+1dBtZW3XKaZqUeoy+bCfJzJug8sIcgbfvN68Vf17xbf6d4usfDukaJ/aN3e2kl0ksl0IYogjqp8w7WIXDdVDHOBjBJB28/6/IDqaK861nxhrOr/AAr8QahpFhBaX9gl9aXqnUXQ2rwqwLxOsRLngMMhOo5FdF4PutevdDtG1+xsYoms4ik0GoSXEkpKjJdWhTGev3m5/Oha3+X43B6W+f4WOjorgfBmlafo3xO8Y2mj2FrYWwhsGENrCsSAlJMnaoAyaS++IuqxHxLJpvhhbm08NyyLd3E+oCESqsayHygI2LPhjlW2gfL8xyQFdBZnf0Vx3jLxFM/hnSoNAuTb3fiS4htLS5xloEkUu8oH95YwxHvirGv+BbTV/htceDrKdrK2kt1gjmdTKyYYNuOSCxJGTk8k07PXy0BWbXmdTRXM6P4TTw94g8R61DdeY2rrARF5ePJ8mLZ1yd2evQY6c1yvw48Twa/p+i3Oo/Ek3mr3UQebRxLYDc+CSmxYRKMdcbs8ULV2Xl+Ia2uz1CiuH1xk/wCFqeGf7V0G1lbdcppmpR6jL5sJ8nMm6DywhyBt+83rxWxr/iWbTdVsdG0iwGpavfK8scMk/kxRRIRvkkkCsVUFgBhWJJAx1IOwdToKK87+JF7fp4L0q61HTCt5FrtgzWlnMJvMIuFIEbsEznoNwXnrgc1taf4xnXXdQ0nxLp8Gl3FnYLqW+G8+0RtblmUkkohVlKnIwRyME0aWb/rRJh1/rvY6qiuKtPHl+y6PfanoAstG1uZIbO4F5vnQycxGaHYAgYf3XcgkAjrhmuMn/C1PDP8Aaug2srbrlNM1KPUZfNhPk5k3QeWEOQNv3m9eKdtdRXVjuKK5jxF4su9I8T6ToWm6M2pXWqQzyRubgRRxGPZzISCQnz8kAkYACnNVn8cXdlo7vq2gy2urtqP9m2tisxMd3KRlGjmZFzGV5L7eNrDBIwUtf687fmPb+vmdhRXN6T4mvpPEr6B4i0uHTr9rc3Vs1rdm5huIwQr4Zo0YMpZcgr0YEE9uko6XAKK4PX/iFqlhb+IrzQ/D0GpWPh0lLySfUTbSO4QSOI0ETghVZTksuTkAHHOzZeKpZ/Eul6Nc2Mcct9pT6i8kVwXWMq8a7BlFLD95ndx06c0LXb+tG/yTB6b/ANbL9To6K5rRfFd1r2m6zNYaUDc6dqc+nRwtcgLKY2C72bb8i85IAYgA4DHAKaT4ovptfv8ARNd0uCx1C1tEvU+y3huIpomLLnc0aEMGQggr6EE9lfS/z/C/5D/4b8bfmdNRXB6F4/1vXNH0bWo/CEselalLHE7LdmS4h3nHm+UsZBiBx8xdTjLFQOtXxt4m1HWPBvi+DQNKtrjT7C0urS6vLu9aEmRYj5nlIsb79ucfMUywI7Zok3FN9r/h/wAOOK5pJdz0aiubsrnV4PCeiroem217K1nEXN3eG3jQBF/iWORixzwNuMA5I4BpQ/EGN/DC38umyLqTai2kjTo5Q267VyhUSEAFPlLb8fdBOM8VclaTj/W9iIu8VLv/AMOdjRXmtpqt5YfFjWNS8V29lpyWnhqOV/sl29ygiWeUlizRRnPXjB6DnnFa0XjjU4V0u/1nw/HY6LqsyQwXK33mTQmQ4hM0WwKgbIB2u+0sAfWpWqXn/m0vvsN6N/10T/C52lFFc/rXiS6tNetdC0PT49Q1S4ge6ZZ7k28MEKkLudwjnJYgKApzg5wBR5AdBRXCS/EmVdPsfJ0J31O41Z9HmsjcgCC4WNmzvCndH8o+bAO1s4yNtN8I/EqfxNqmm2tzoLadHqEFy8UhuhIfMt3VJBt2j5Mt8rZycHKjgkWu39aX/IHp/Xnb9DvaKK8rOr6/dWnjjV38XXOnR6BqM8VtAba1a32RxI4V90W85LEcODyMHNJySvfor/l/mNJv77HqlFeUx+PPEP8AwnOiPe/6JpUug2t7qWn+UpMUk0pjLhsbhtYpkZwFDEjNTXXjnXYr3VNKspoZNRu/Ew0nTXuIgY7WL7PHK7lV2l9o3kAnJJHOOKqzvb+tGo/mybrf0/FX/I9QorlvDl5bLrlxpy+O08QXcKMLixme0M0DKwBIWBEKgEkEMG5K8jBz1NIYUVwHiX4WQ+IrzxLcNqfkHXkslI+zlvJ+zvuz98bt3Ttj3rZ8daLPqPh77ZpMpt9X0km80+YE4EiqcowHVHXKEejeoFJtKN2OzbsjpqKzPD+txeIfC2n61aIfLvbVLhYweRuXO3654qDwlrd74i8MWup6potzod1Nu32N0SXjwxAzkA8gZ5A61TTTafQlNNJ9zaooopDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArl/iGJT4UhFsyJMdX0vy2kUsob7fBgkAgkZ7ZH1rqKrX+n2up2yQX0XmxJNFOq7iuHikWRDwezopx0OMHIoA47U/DWv+Ktd0O61uw0XTE0i8W7W6tLuS6uHx/yyUtDH5at/EctnAGO4yvFGiHVvjHpthp88bW13bR3evWuM5jtpA1sT6FnJXB6qp9K9Pqnp2j6ZpHn/ANk6daWP2iQyzfZoFj81z1ZtoGT7nmhaNPs7/P8Ar8geqfnp8v6/roZnivS7rVrWK3TQ9E1213bpLTV3KKrDo4PlSgkcjG0dc57HN0DwTNYfDS68Lahdgi7hniCxu8sdpHKCFijZzuZEBABOCcdB0HY0UrKzXcd2mn2OU0fSNcufCcnh3xZa6atudP8AsRubG8eRphs2FjG0ShMjnG5ueKw/DPw+/sSTTre78FeDZ/sLKo1iEeXcvsPyy+V9nOJOAT+965Oa9Hoqrvm5uv8AX+ZNlax55p3gDVLTU9MuJLizKWmq6neuFdslLkPsA+XqNwz29Casx+GfFukfB+w8P+GNUsLLxBZwRRC7kUyQjaw343Ieozglfy6juqKlKyt6fhsVfW/r+Jzfizw9fa3punTafPAmraVdR3ts0wYQySKCrI+MkKyswyMkZBwcYNS38Napq/iKbW/E4tLSVbCTT7W0sLh51jSQgySNI6JliVUAbQAF6nPHX0UWTv8A1urP8BLS39bO/wCZ5lD4H8WS6b4Q0q7l0eGy8MXttLvimlkkvEiUoGwUURHafu/OCT95cfN0Or6Jrlv45j8SeHotPuzJp/2G5tb65e34WTejq6xyf3mBBUdRzXWUVV23fzb+9WYWX6fc7/mYHi618UX3hKWHwffWel643llJrgeZEnzAuOUOeMgEr+A7YnxSN1H4V0gwrFPdrrmnbVdzGjv56cEgMVBPfBx6Gu6qG6srW+REvbaG4SORZUWWMOFdTlWGehBGQeoNJaNPzT+5oOlvJr7zm9O0DVrvxNceIfEIsre6FibC0tLKZ5kjRmDu7SMiFmZgowFAAX+LPF3wTolz4b8D6Ro188UlxZWywyNCSUJHoSAcfgK3aKNlZf1v/mw8/wCv60OJ8R6V4s1Dxjo+p6bp2jPa6PLM8Yn1SWN5xJFs5At2CYznq2fatN9CvZviFp/iGQ26QQaTNZyxK7MwkeSN/l+UAqNh5OD04ro6KFo7/wBbWB6/153ON0fwVcW/hnxVpGpTw7ddv76dHhJbZFPwM5A+YDqBx71oeFofEtjo8Nhrtppe6ztUiiuLS9kfz2UYyyNCvlg4zwzYroqKNlbyS+7YHq7+bf37nEaFpXi208daprOoaboqW2qrbpIsGqyyPAIlYZANuocnd0yuPWnHwbqB0HxzZedbeZ4imuJLQ7m2oJLZIhv+Xj5lJOM8flXa0Umk013Vvy/yGm0013uee+K9IvNF8E+GdRSNrq58KS29xPFbZYyxLGYptoxk4RmYcc7a7uyvbbUrCC9sJ0uLa4jEkUsZyrqRkEGp6itbS3sbVLaygit4IxhIoUCKv0A4FU22231d/wCvwJSSSS6Kw6ZDJBIi9WUgZ+lYvgnRLnw34H0jRr54pLiytlhkaEkoSPQkA4/AVu0Uv6/r7xnE+I9K8Wah4x0fU9N07RntdHlmeMT6pLG84ki2cgW7BMZz1bPtVvXNA1iTxNpfifQhYtqNrayWdzZ3crJFNFIVYhZVRmUqyAg7DkE8Curoo2A5TxBoeteJNB02K6FhbXlvqtreyxxzO8axxTK5UOUBZsDglVGTjjrUepeDZdV8dajqd1JD/Zl94fOkugY+buMjMTjGMbW9evauvoosrW9fxVvyHd/l+Dv+Z5x4Z+H39iSadb3fgrwbP9hZVGsQjy7l9h+WXyvs5xJwCf3vXJzWj4j0rxZqHjHR9T03TtGe10eWZ4xPqksbziSLZyBbsExnPVs+1dtRTbb3Jsloc7d6Fe3njrQ9dY28cNjZXME8Qdi2+UxkbflGQNh5OO3FL4x8P3WuWdjPpU0MWp6XeJe2n2jd5TuoKlH28hWVmGQCRnODjB6Gil28v87/AJj/AK/Q5bTNC1a78XjxJ4kWztp7e0aztLOxuHnRFdlZ3aRkTLEqoACgADqc8dTRRR0sHW54jDp51O+8a6+2j2mr2EGrTfaBqGu3Fkri3RRsktkR4XVSpwZMZGCwFdmkep+ILzw/468MWlsWm0p4XsNTne32xymOQMGSN+QUxjGCD1FdHf8Ag/w1quom/wBU8O6Te3hxm5uLGOSTjp8xUnjtWxRHRJdrflZ/eD1bf9b3/A8xHw58Qf8ACE6npc9/p9zd3uvPqksY8yK3vIWdWaCTAZkVsEEDeOgO4E1f8K+BLvRvFuo6wdM0DR7e805bRbDR0IWN1djuZtiByQfvbVxwMHG49/RStpb+trfkH9fjf8zC8E6Jc+G/A+kaNfPFJcWVssMjQklCR6EgHH4CuYvvBniUaV4m0HSZ9Mj0zXJrm4W7mkfz4TOvzxeXsKkFs4fdwG+6cc+iUU5e8231Gna1uh55rngXUr680KZ7LR9etdP037JJperSulus3y4nX91IGbAK/MoODwRk1X0/4b6rpfhKG0tpdKXUbHXm1i0jgjeG1ILH91tAJjG1mAxu28da9Lop3d7/ANb3/P8Ay2JsrW/ra35HBnwVq2t69rN/4nms0g1bRv7Ma2snZvs43scB2Vd/DE7iF5ONuBkieGPE+r2GkaN4lbS007S54Z5Lqznlea9MDAxAxsgEWSFZvnfpgdcjvKKS02/rVtfi/wDMb13/AK0S/Jf5BXD+MPAi614qs/EEOkaJrUkVq1nNY60mI2TdvV0k8uTa6tkY2HIY8jHPcUUutw6WOGXwVMU8PNZaLoegDTtXN9c2umuTE6+S8eVIhTLncvVRwOtQeF/Aep6JqXh24up7R00uDUI5hG7EsbiZXTblRnAHOcc9M16BRT63/rawf1+N/wBQrifD3w606y8Qa5rGu6VpN9e3mrtfWV01usk0CbU2jey5Vgyk8HAznNdtRQtHf+un+Qbqxyd54PfUfiDe6tffZ5dKvNC/suSAk72YyszZGMbdrYznOe1c1YfDPX4tHunudVs11yDW11XTrsB5Y3KQpFiYEKfnVW3bScbsgnFeo0ULTb+tb/mN67/1pb8jjNN0LxDdfEaLxLr1vpllFBpT2KQ2V7Jcs7NKj7iWhj2gbcd61NIs/FEPi3W7jWdStLjQ5vK/su1ijxJBhT5m87RnJx3b/gPSt+ihafj+LuL+vuCue8b6+vh/wtcSxKZr+6/0WwtlPz3Fw/CIv48k9gCe1dDUUltBNPDNLBG8sBJikZAWjJGCVPbIOOO1KSUlZjTs7oxNDtLXwR8P9PstTv7e2g0yyjhmu53CRghQCxJwACfX1rM+FWo+I9W8Dx3ni6Uz3UlxKbec24hM9vu/duUAGMjkcDjB9z2dFU23JyfUlK0Ul0CiiikMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/Z)

Figura 10 - Método final de gravação de gráficos em PNG

Nesta secção devem apresentar os métodos principais utilizados para implementar o que desenvolveram em **ambas as iterações**, justificando as opções tomadas e interligando com os anexos que incluírem sobre esta questão.

Têm de subdividir esta secção de acordo com a exposição/descrição que considerarem mais adequada ao vosso trabalho.

1. **Resultados**

A versão finalizada da aplicação em Java resultou num programa completamente executável a partir da linha de comandos e disponível em dois modos: interativo e não interativo.

Em ambos os modos, os outputs resultantes da implementação da aplicação constituem vários tipos de mensagens na consola, gráficos (com recurso à ferramenta Gnuplot) e ainda ficheiros de extensão *png* ou *csv*, com todos os dados desses mesmos gráficos. No modo não interativo é adicionalmente gerado um ficheiro de extensão *txt* com todo o texto que seria mostrado na consola em modo interativo.

Estando a aplicação dividida em 7 opções de menu, apresentamos abaixo o resultado expectável decorrente da escolha de cada uma:

1. **Visualizar gráfico de consumos**

Opção que gera uma janela de visualização de um gráfico através do Gnuplot.

Em modo interativo, é dada a opção de gravar o mesmo gráfico em formato *png* ou *csv* (podendo o utilizador selecionar um dos formatos, ambos ou nenhum). De acordo com a escolha são gerados os ficheiros adequados.

Em modo não interativo são automaticamente criados ambos os ficheiros.

1. **Visualizar média global e distribuição de observações**

Opção que gera uma janela de visualização de um gráfico de barras através do Gnuplot.

As opções de gravar o gráfico são idênticas às explicadas na opção 1.

Após visualizar e gravar o gráfico, é ainda apresentada ao utilizador a seguinte informação (na consola em ambos os modos e no ficheiro Output.txt em modo não interativo):

* Média – valor da média simples do consumo no período selecionado. Por exemplo, se a periodicidade escolhida para a análise for “mensal” é apresentado o consumo médio por mês.
* Quantidade de valores próximos da média – número de observações cujo valor é igual à média ou até 20% superior ou inferior à mesma.
* Quantidade de valores acima (ou abaixo) da média – número de observações cujo valor é superior (ou inferior) à média em mais do que 20%.

1. **Efetuar uma filtragem**

Opção que gera uma janela de visualização de dois gráficos sobrepostos – o original e o resultante da filtragem selecionada.

Após visualizar e gravar o gráfico, é apresentado na consola (e em ficheiro Output.txt em modo não interativo) o valor do erro absoluto da filtragem em questão.

1. **Ordenar valores**

Opção que ordena os valores dos consumos periódicos (diários, mensais, etc.) de forma crescente ou decrescente, apresentando de seguida o gráfico dos valores ordenados e, tal como nas opções anteriores, gerando ficheiros *png* e/ou *csv*.

1. **Efetuar uma previsão**

Opção que calcula o consumo previsto para uma data definida pelo utilizador com base na média móvel simples ou pesada do período imediatamente anterior. O resultado é apresentado sob a forma de texto na consola e, no modo não interativo, em ficheiro *txt*.

1. **Alterar o ficheiro**

Opção que permite submeter um novo ficheiro *csv* para análise. Se o nome do ficheiro for válido é apresentado na consola o texto “Ficheiro alterado”.

1. **Sair**

Esta opção não apresenta qualquer output e encerra o programa.

## **Análise dos resultados**

Os resultados efetivos da aplicação foram, em grande parte, de encontro ao esperado.

O formato dos dados de saída foi respeitado no que toca a:

* Gráficos guardados, quer em png com csv, sendo-lhes atribuído um nome de acordo com o padrão “Consumos (*NomeDaSerieTemporal*.csv) *Opcao* *TipoDeAgregacao* *DataDeCriacao* *HoraDeCriacao*”.
* Texto na consola, onde todos os valores são claramente explicados e seguidos pela unidade MW (megawatts), quando aplicável.
* Ficheiro de output em modo não interativo, constando nele todo o *log* do texto que é apresentado na consola ao longo do correr do programa, sem qualquer modificação.

Os principais desvios do pretendido prenderam-se com o formato dos gráficos, que falharam em apresentar a data das observações no eixo horizontal (ou das abcissas), e a transcrição de informação de gráficos para ficheiros *csv*, onde apenas foi possível incluir a sequência de valores de consumo, isto é, a ordenada de cada ponto do gráfico, não acompanhados pelo respetivo momento da observação (a abcissa).

No que toca ao cálculo e apresentação de valores (como se verifica necessário na opção 3 e 5, por exemplo), apesar do formato do output corresponder ao esperado tornou-se difícil aferir a precisão dos cálculos subjacentes uma vez que o ficheiro exemplo no qual se baseou o desenvolvimento da aplicação apresentava várias falhas. Para colmatar este obstáculo, na elaboração de testes unitários, por exemplo, tomou-se o cuidado de utilizar apenas períodos sem falhas (que não devem ser confundidos com períodos incompletos, os quais foram testados com sucesso). Ainda assim, admitimos existir a possibilidade de ligeiros erros de cálculo e, consequentemente, do resultado em algumas opções.

1. **Conclusão**

Xxxxxxxxxxxx xxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

A conclusão tem de:

* + - Resumir os pontos principais explicitados no corpo central do relatório;
    - Realçar os principais resultados alcançados;
    - Refletir sobre o trabalho desenvolvido, fazer sugestões de melhoria.

# **Referências**

Seguindo as regras da APA (American Psychology Association).

# **ANEXOS**

**ANEXOS**

## **ANEXO A \_ Testes Unitários**

(Incluir os anexos que considerarem relevantes.)

1. Notas de rodapé: tamanho 10 pt; espaçamento entre linhas: simples (1). [↑](#footnote-ref-1)
2. Uma média móvel (MA) é um indicador utilizado na análise técnica que ajuda a suavizar a ação do preço filtrando o "ruído" de flutuações aleatórias de preços de curto prazo. É um indicador de tendência atrasado porque é baseado em preços passados. [↑](#footnote-ref-2)
3. Um indicador de atraso é qualquer variável mensurável ou observável que se move ou muda de direção depois de uma mudança que ocorre em uma variável alvo. [↑](#footnote-ref-3)