VELEUČILIŠTE U RIJECI

Poslovni odjel

Specijalistički diplomski stručni studij Informacijske tehnologije u poslovnim sustavima Kolegij: Programsko inženjerstvo

Leonardo Topčagić

Ivan Lucić

**Aplikacija za sportske događaje**

Projektni zadatak

Rijeka, 2021.

VELEUČILIŠTE U RIJECI

Poslovni odjel

Specijalistički diplomski stručni studij Informacijske tehnologije u poslovnim sustavima Kolegij: Programsko inženjerstvo

**Aplikacija za sportske događaje**

Projektni zadatak

MENTOR: STUDENTI:

dr. sc. Marin Kaluža, prof. visoke škole Leonardo Topčagić

MBS: 2422000110/20

Ivan Lucić

MBS: 2422000105/20

Rijeka, ožujak 2021.

SADRŽAJ

[1. Opis sustava 6](#_Toc73311335)

[2. Arhitektura sustava 7](#_Toc73311336)

[2.1. Opis arhitekture 7](#_Toc73311337)

[2.2. Opis korištenih tehnologija 8](#_Toc73311338)

[3. Use-case diagram 9](#_Toc73311339)

[3.1 Registracija 10](#_Toc73311340)

[3.2 Prijava 12](#_Toc73311341)

[3.3 Pregled sportskih događaja 14](#_Toc73311342)

[3.3.1 Pregled sportskih događaja putem GPS tehnologije 16](#_Toc73311343)

[3.4 Prijava na sportski događaj 18](#_Toc73311344)

[3.5 Upit/odgovor o sportskom događaju 20](#_Toc73311345)

[3.6 Otkazivanje prijavljenog sportskog događaja 22](#_Toc73311346)

[3.7 Kreiranje sportskog događaja 24](#_Toc73311347)

[3.8 Brisanje/izmjena sportskog događaja 26](#_Toc73311348)

[4. Sekvencijalni dijagrami 28](#_Toc73311349)

[4.1. Registracija 28](#_Toc73311350)

[4.2. Prijava u sustav 29](#_Toc73311351)

[4.3. Prikaz događaja 30](#_Toc73311352)

[4.4. Prijava na događaj 30](#_Toc73311353)

[4.5. Upit/odgovor o sportskom događaju 31](#_Toc73311354)

[4.6. Otkazivanje prijavljenog sportskog događaja 33](#_Toc73311355)

[4.7. Kreiranje sportskog događaja 34](#_Toc73311356)

[4.8. Izmjena/brisanje sportskog događaja 35](#_Toc73311357)

[5. Dijagram klasa 37](#_Toc73311358)

[6. Relacijski model 38](#_Toc73311359)

[7. Mapiranje elemenata (metoda, akcija i ruta) 44](#_Toc73311360)

[7.1. Registracija 44](#_Toc73311361)

[7.2. Autentikacija 44](#_Toc73311362)

[7.3. Događaji 45](#_Toc73311363)

[7.4. Upiti 45](#_Toc73311364)

[8. Testiranje aplikacije 47](#_Toc73311365)

[8.1. Automated testing – PHPUnit 47](#_Toc73311366)

[8.1.1. PHPUnit Feature testing 51](#_Toc73311367)

[8.2. Testiranje sigurnosti 54](#_Toc73311368)

[8.2.1. Zed Attack Proxy 55](#_Toc73311369)

# Opis sustava

Ideja ovog projektnog zadatka jest napraviti aplikaciju koju će korisnici koristiti u svrhu organiziranja i/ili prisustvovanja sportskim događajima. Moguće je organizirati događaje iz raznih sportova te se prema opisu svakog događaja zainteresirani korisnici mogu prijaviti na isti.

Aplikacija bi sadržavala registraciju korisnika prilikom koje bi korisnici morali dati svoje osobne podatke pri izradi svojega računa. To je preduvjet kako bi se mogao kreirati događaj ili zabilježiti dolazak na određenu sportsku aktivnost. Događaji bi se mogli filtrirati i sortirati prema mjestu odvijanja, sportu ili aktivnošću na koju se događaj odnosi te prema datumu događaja. Samim time događaji bi se pokazivali prema lokaciji koju korisnik odredi kao svoju, a dodatni filteri bi suzili izbor događaja koje korisnika zanimaju.

Svaki sportski događaj imao bi određen broj slobodnih mjesta te postavljeno ograničenje koje onemogućava prisustvovanje događaju koji je popunjen, također organizatoru događaja bi zainteresirani sudionici mogli poslati upite o događaju ukoliko postoje neke nejasnoće. Uz to svaki korisnik imao bi pregled svih događaja koje je organizirao i pregled onih kojima će prisustvovati.

Za izradu ovakve aplikacije odlučili smo se iz razloga što se u slobodno vrijeme bavimo sportom, a uz korištenje ovakve aplikacije mogli bismo se lakše organizirati i pronaći ljude za timske sportove ili aktivnosti koji bi u tome voljeli sudjelovati.

# Arhitektura sustava

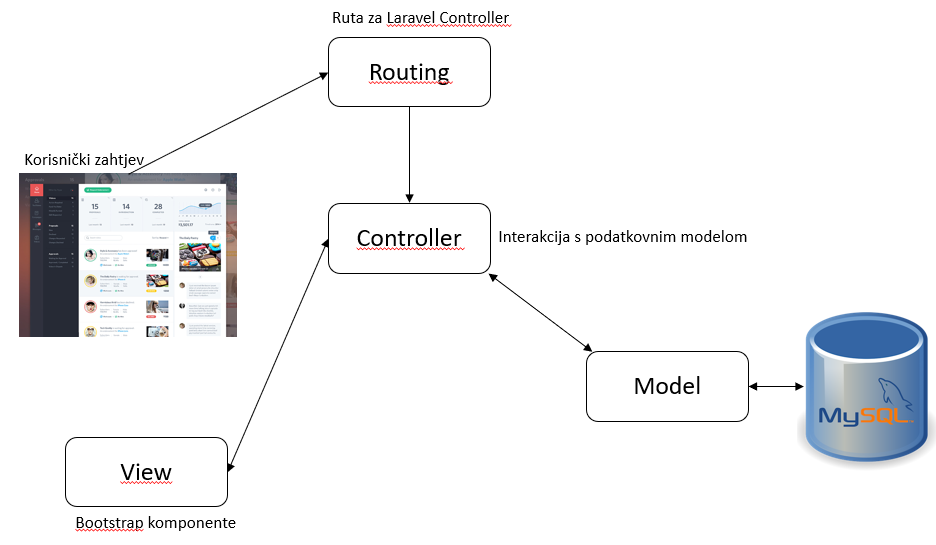
## Opis arhitekture

Tehnička arhitektura web aplikacije za sportske događaje sastoji se od korisničkog sučelja koje može biti mobilni uređaj ili računalo, web poslužitelja i baze podataka. Za pristup aplikaciji potreban je Internet, a ona se koristi preko web poslužitelja na kojem korisnik šalje zahtjeve i dobiva rezultate u obliku traženog sadržaja (Laravel + Bootstrap) sa podacima koji se prikupljaju iz baze podataka (MySQL).

Aplikacija će biti napravljena pomoću model-view-controller modela. Zadaću kontrolera i modela obavljat će Laravel koji će komunicirati s view-om, a njime će manipulirati Bootstrap framework. S druge strane Laravel će putem modela komunicirati sa MySQL bazom podataka.

U praktičnom primjeru to bi izgledalo na način da se korisničkim zahtjevom pošalje ruta na određeni Laravel Controller koji komunicira s podatkovnim modelom i dobiva potrebne informacije koje zatim prosljeđuje u View, gdje se pomoću Bootstrap komponenti nove informacije prikazuju na korisničkom sučelju.

*Slika 1. MVC arhitektura aplikacije*



*Izvor: izrada autora*

## Opis korištenih tehnologija

Što se tiče arhitekture sustava, odlučili smo se za troslojnu web aplikaciju, ona se sastoji od prezentacijskog, aplikacijskog i podatkovnog sloja. U našem slučaju za prezentacijski sloj i uređivanje izgleda aplikacije koristili bismo alat Bootstrap koji bi nadopunjavao Laravel kojim se definira logike sustava, odnosno procedura i pravila u aplikacijskom sloju. Za bazu podataka ili podatkovni sloj aplikacije koristili bismo MySQL koji će biti povezan s aplikacijskim slojem. Aplikacija će se razvijati u razvojnom okruženju Visual Studio Code.

Laravel je web framework otvorenog koda, baziran je na PHP-u, odnosno na Simphony framework-u. Razvijen je s ciljem razvoja web aplikacija pomoću model-view-controller (MVC) metode.

Bootstrap je HTML, CSS i Javascript biblioteka koja se fokusira na pojednostavljivanje razvoja web stranica, to je front-end framework otvorenog koda. Primarna svrha dodavanja ovog alata jest uređivanje izgleda korisničkog sučelja.

MySQL je relacijski sustav za upravljanje bazom podataka otvorenog koda. Relacijske baze podataka organiziraju podatke u jednu ili više tablica u kojima podaci trebaju biti međusobno povezani te se oni strukturiraju pomoću relacija.

# Use-case diagram

*Slika 2. Use-case dijagram*



*Izvor: izrada autora*

## 3.1 Registracija

**Opis akcije:** Novi korisnik vrši registraciju, odnosno unosi bitne informacije za kreiranje njegovog profila kako bi mogao izvršiti prijavu u sustav.

**Akteri:** Novi korisnik

**Preduvjeti:** Nema

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik odabire opciju za registraciju
2. Korisnik unosi Email
3. Korisnik unosi željeni Username
4. Korisnik unosi željenu Lozinku
5. Korisnik unosi Ime
6. Korisnik unosi Prezime
7. Korisnik unosi Mjesto stanovanja
8. Korisnik potvrđuje registraciju
9. Sustav mu javlja da je registracija uspjela

**A: Alternativne sekvence:** /

**Ograničenja:** Lozinka ne smije sadržavati manje od 6 znakova

**E: Sekvence s greškom:**

**E1: Email već postoji**

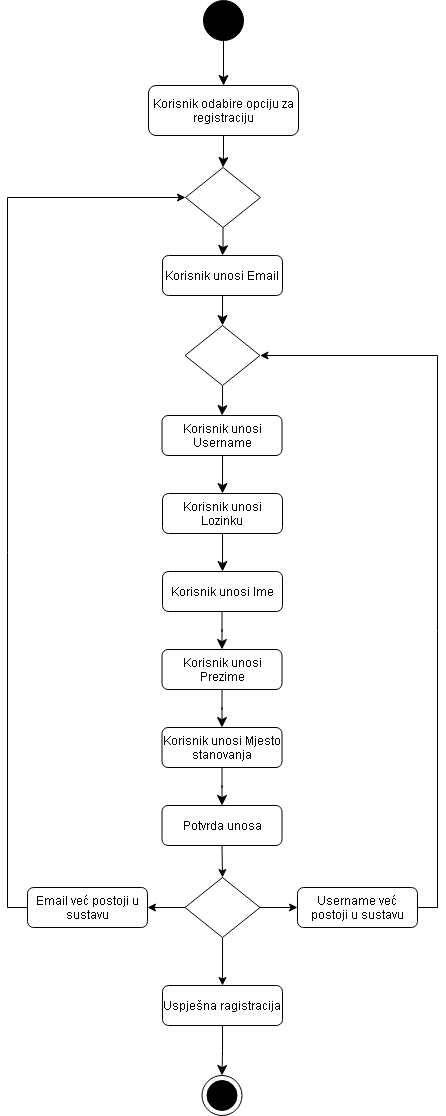
1. G8 – korisnik potvrđuje registraciju
2. Sustav javlja da postoji korisnik s tim Email-om
3. Sustav vraća korisnika na G2 – korisnik unosi Email

**E2: Username već postoji**

1. G8 – korisnik potvrđuje registraciju
2. Sustav javlja da postoji korisnik s tim Username-om
3. Sustav vraća korisnika na G3 – korisnik unosi Username

**Dijagram aktivnosti:**

*Slika 3 Dijagram aktivnosti za registraciju*

****

*Izvor: izrada autora*

## 3.2 Prijava

**Opis akcije:** Registrirani korisnik vrši prijavu u sustav tako što upisuje svoje korisničko ime i lozinku.

**Akteri:** Registrirani korisnik

**Preduvjeti:** Registracija mora biti obavljena

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik odabire opciju za prijavu
2. Korisnik unosi Username
3. Korisnik unosi Lozinku
4. Potvrda prijave
5. Prijava uspjela

**A: Alternativne sekvence:** /

**Ograničenja:** /

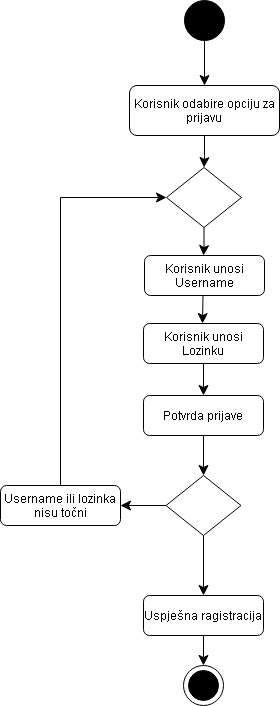
**E: Sekvence s greškom:**

**E1: Username ili lozinka nisu točni**

1. G3 – korisnik potvrđuje prijavu
2. Sustav javlja da Username ili Lozinka nisu točni
3. Sustav vraća korisnika na G1 – korisnik unosi Username

**Dijagram aktivnosti:**

*Slika 4 Dijagram aktivnosti za prijavu*



*Izvor: izrada autora*

## Pregled sportskih događaja

**Opis akcije:** Sustav vraća korisniku listu objavljenih sportskih događaja.

**Akteri:** Postojeći korisnik

**Preduvjeti:** Prijava mora biti izvršena

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik izvršava prijavu
2. Korisniku se prikazuje lista sportskih događaja
3. Korisnik sortira sportske događaje po željenom parametru
4. Sustav prikazuje sortiranu listu sportskih događaja

**A: Alternativne sekvence:** /

**Ograničenja:** /

**E: Sekvence s greškom: /**

**Dijagram aktivnosti:**

*Slika 5 Dijagram aktivnosti za pregled sportskih događaja*

****

*Izvor: izrada autora*

## Pregled sportskih događaja putem GPS tehnologije

**Opis akcije:** Sustav vraća korisniku listu sportskih događaja filtriranih na osnovi njegove GPS lokacije

**Akteri:** Postojeći korisnik

**Preduvjeti:** Prijava mora biti izvršena, aplikacija mora biti pokrenuta na uređaju koja podržava GPS tehnologiju

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik izvršava prijavu
2. Korisniku se prikazuje lista sportskih događaja
3. Korisnik odabire opciju za prikaz sportskih događaja u njegovoj blizini – putem GPS lokacije
4. Sustav prikazuje listu sportskih događaja u korisnikovoj blizini putem GPS tehnologije

**A: Alternativne sekvence:** /

**Ograničenja:** /

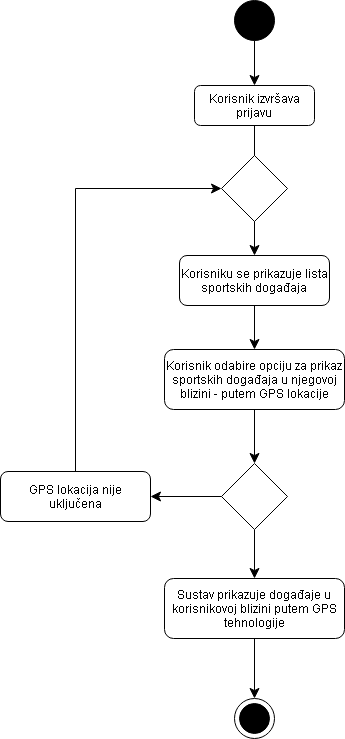
**E: Sekvence s greškom:**

**E1: GPS lokacija nije uključena na uređaju na kojem je pokrenuta aplikacija**

1. G3
2. Sustav javlja da GPS lokacija nije uključena
3. Sustav vraća korisnika na G2

**Dijagram aktivnosti:**

*Slika 6 Dijagram aktivnosti za pregled događaja putem GPS-a*



*Izvor: izrada autora*

## Prijava na sportski događaj

**Opis akcije:** Korisnik prijavljuje dolazak na određeni sportski događaj.

**Akteri:** Postojeći korisnik

**Preduvjeti:** Prijava mora biti izvršena

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik izvršava prijavu
2. Korisniku se prikazuje lista sportskih događaja
3. Korisnik odabire događaj na koji se želi prijaviti
4. Korisnik prijavljuje dolazak na željeni događaj

**A: Alternativne sekvence:** /

**Ograničenja:** /

**E: Sekvence s greškom: /**

**Dijagram aktivnosti:**

*Slika 7 Dijagram aktivnosti za prijavu na sportski događaj*

****

*Izvor: izrada autora*

## Upit/odgovor o sportskom događaju

**Opis akcije:** Korisnik vrši upit / odgovor na određeni sportski događaj

**Akteri:** Postojeći korisnik

**Preduvjeti:** Prijava mora biti izvršena

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik izvršava prijavu
2. Korisniku se prikazuje lista sportskih događaja
3. Korisnik odabire željeni sportski događaj
4. Korisnik šalje upit na odabrani sportski događaj

**A: Alternativne sekvence:**

**A1: Korisnik odgovara na upit o sportskom događaju**

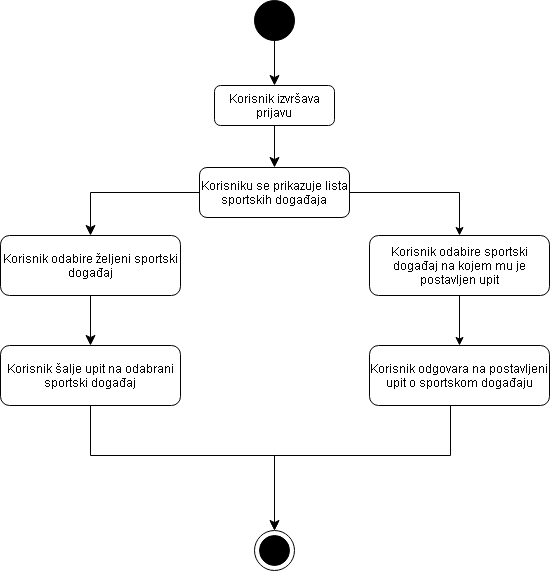
1. Korisnik izvršava prijavu
2. Korisniku se prikazuje lista sportskih događaja
3. Korisnik odabire sportski događaj na kojem mu je postavljen upit
4. Korisnik odgovara na upit o sportskom događaju

**Ograničenja:** Za odgovorit na upit , upit prvobitno mora biti postavljen

**E: Sekvence s greškom: /**

**Dijagram aktivnosti:**

*Slika 8 Dijagram aktivnosti za upit/odgovor o sportskom događaju*



*Izvor: izrada autora*

## Otkazivanje prijavljenog sportskog događaja

**Opis akcije:** Korisnik otkazuje prijavu za dolazak na određeni sportski događaj.

**Akteri:** Postojeći korisnik

**Preduvjeti:** Prijava mora biti izvršena, događaj prethodno mora biti prijavljen

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik izvršava prijavu
2. Korisniku se prikazuje lista sportskih događaja
3. Korisnik odabire događaj na koji se prijavio za dolazak
4. Korisnik otkazuje prijavu za dolazak na odabranom događaju

**A: Alternativne sekvence:** /

**Ograničenja:** /

**E: Sekvence s greškom: /**

**Dijagram aktivnosti:**

*Slika 9 Dijagram aktivnosti za otkazivanje prijavljenog događaja*

****

*Izvor: izrada autora*

## 3.7 Kreiranje sportskog događaja

**Opis akcije:** Korisnik kreira sportski događaj

**Akteri:** Postojeći korisnik

**Preduvjeti:** Prijava mora biti izvršena

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik odabire opciju za kreiranje sportskog događaja
2. Korisnik unosi Naziv sportskog događaja
3. Korisnik unosi Opis sportskog događaja
4. Korisnik unosi Lokaciju odvijanja sportskog događaja
5. Korisnik unosi Datum odvijanja sportskog događaja
6. Korisnik unosi Vrijeme početka odvijanja sportskog događaja
7. Korisnik unosi Vrijeme trajanja sportskog događaja
8. Korisnik unosi Maksimalan broj ljudi koji se mogu prijavit na događaj
9. Korisnik unosi Preduvjete za pohađanje sportskog događaja
10. Korisnik potvrđuje kreiranje sportskog događaja

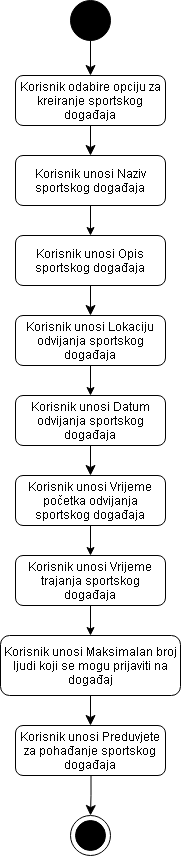
**A: Alternativne sekvence:** /

**Ograničenja:** Datum odvijanja sportskog događaja mora biti isti ili veći od dana kreiranja sportskog događaja

**E: Sekvence s greškom: /**

**Dijagram aktivnosti:**

*Slika 10 Dijagram aktivnosti za kreiranje sportskog događaja*

****

*Izvor: izrada autora*

## Brisanje/izmjena sportskog događaja

**Opis akcije:** Korisnik vrši brisanje/izmjenu kreiranog sportskog događaja.

**Akteri:** Postojeći korisnik

**Preduvjeti:** Prijava mora biti izvršena, događaj prethodno mora biti kreiran.

**Tijek događaja:**

**G: Glavni uspješni scenarij:**

1. Korisnik izvršava prijavu
2. Sustav prikazuje listu sportskih događaja
3. Korisnik odabire prikaz vlastito kreiranih događaja
4. Korisnik odabire željeni kreirani događaj
5. Korisnik briše odabrani kreirani događaj

**A: Alternativne sekvence:**

**A1: Izmjena stavke sportskog događaja**

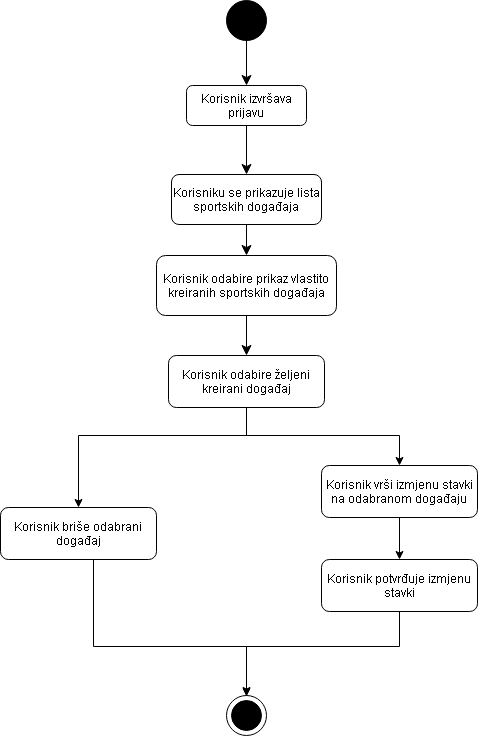
1. Korisnik izvršava prijavu
2. Sustav prikazuje listu sportskih događaja
3. Korisnik odabire prikaz vlastito kreiranih događaja
4. Korisnik odabire željeni kreirani događaj
5. Korisnik vrši izmjenu stavki na odabranom događaju
6. Korisnik potvrđuje izmjenu stavki

**Ograničenja:** /

**E: Sekvence s greškom: /**

**Dijagram aktivnosti:**

*Slika 11 Dijagram aktivnosti za brisanje/izmjenu sportskih događaja*

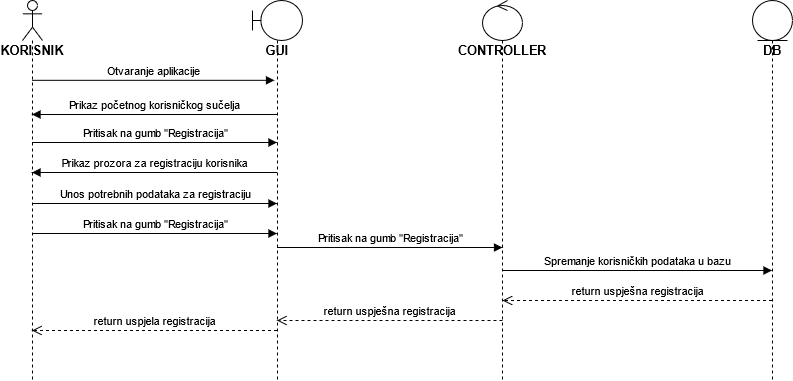


*Izvor: izrada autora*

# Sekvencijalni dijagrami

## Registracija

*Slika 12 Sekvencijalni dijagram, prikaz registracije korisnika*



*Izvor: izrada autora*

Ovim sekvencijalnim dijagramom prikazana je radnja registracije korisnika u aplikaciji. Nakon što korisnik otvori aplikaciju prikazuje mu se početno korisničko sučelje s događajima na početnoj stranici. Na početnoj stranici korisnik ima izbor pritiska na gumb „Registracija“ kojim se otvara forma za registraciju korisnika koju isti ispunjava i potvrđuje registraciju pritiskom na gumb. Time se njegovi podaci šalju sve do baze podataka koja sprema korisničke podatke te se korisniku vraća informacija kako je uspješno registriran.

## Prijava u sustav

*Slika 13 Sekvencijalni dijagram prijave korisnika u sustav*

Slika na kojoj se prikazuje stol

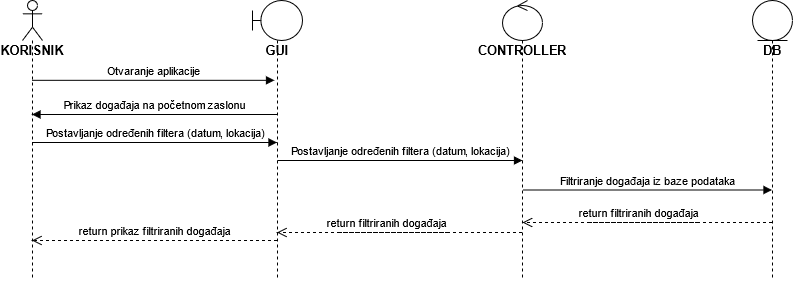
Opis je automatski generiran

*Izvor: izrada autora*

Na ovom sekvencijalnom dijagramu prikazan je postupak prijave korisnika u sustav. Tu radnju korisnik može provesti ukoliko se prethodno registrirao. Korisnik nakon ulaska u aplikaciju na početnom zaslonu odabire gumb „Prijavi se“. Otvara se prozor za prijavu u koji korisnik upisuje svoje podatke i pritiskom na gumb „Prijava“ oni se šalju do kontrolera i provjerava se njihova točnost iz baze podataka. Nakon toga se korisniku šalje povratna informacija je li prijava uspješno izvršena ili nije.

## Prikaz događaja

*Slika 14 Sekvencijalni dijagram, prikaz događaja i njihovo filtriranje*

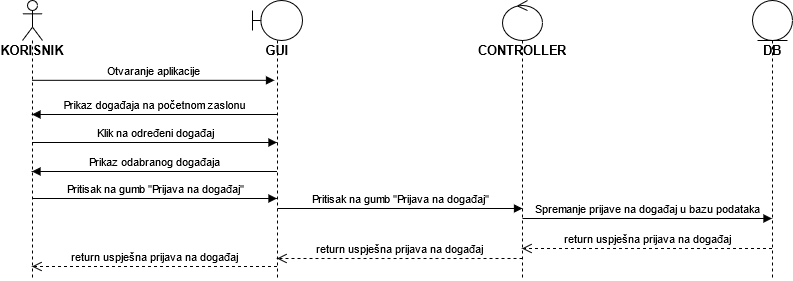


*Izvor: izrada autora*

Sekvencijalni dijagram prikazuje događaje i njihovo filtriranje u aplikaciji. Korisniku se događaji prikazuju čime uđe u aplikaciju te ih može filtrirati čime se iz baze provjeravaju događaji koji se podudaraju s filterima koje je korisnik postavio. Korisniku se prikazuju događaji koji odgovaraju njegovim željama.

## Prijava na događaj

*Slika 15 Sekvencijalni dijagram postupka prijave na događaj korisnika*

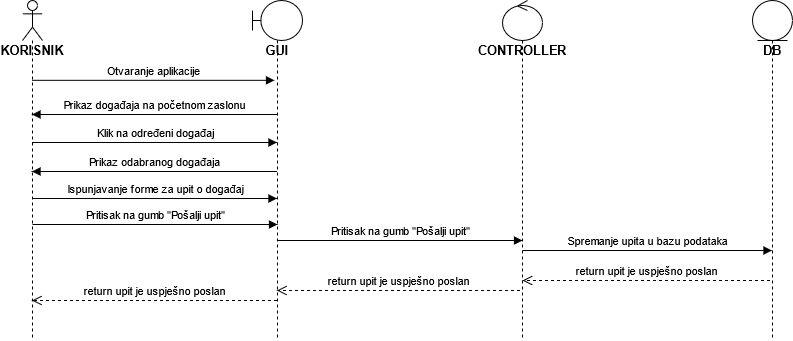


*Izvor: izrada autora*

Prijavu na neki događaj korisnik može napraviti ukoliko se prije prijavio u aplikaciju. Nakon toga odabire jedan od događaja na korisničkom sučelju i ulaskom u sam događaj odabire gumb „Prijava na događaj“, tom radnjom zabilježava se dolazak tog korisnika u bazi podataka i korisnik dobiva povratnu informaciju kako se uspješno prijavio na događaj.

## Upit/odgovor o sportskom događaju

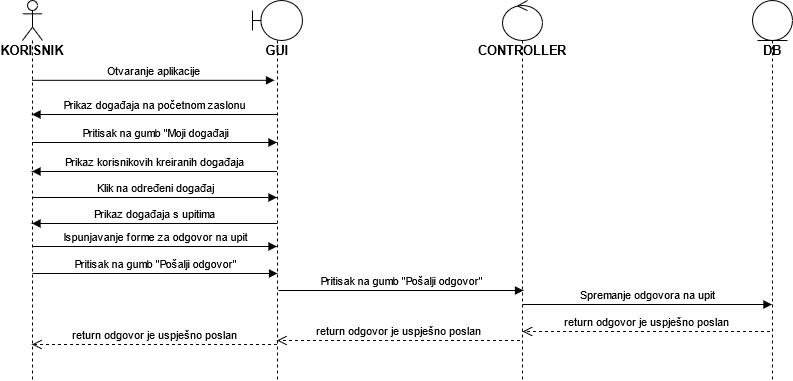
*Slika 16 Sekvencijalni dijagram postavljanja upita o pojedinom sportskom događaju*



*Izvor: izrada autora*

Kako bi korisnik poslao upit o određenom događaju također prvo mora biti prijavljen i treba na početnom korisničkom sučelju odabrati događaj na koji želi postaviti upit. Nakon otvaranja željenog događaja korisnik ima tekstualno područje u koje može napisati upit i ispod tog područja klikom na gumb „Pošalji upit“ isti i poslati. Upit se prosljeđuje sve do baze podataka u koju se sprema, a korisniku se vraća povratna informacija kako je upit uspješno poslan.

*Slika 17 Sekvencijalni dijagram prikazuje postupak odgovora na upit*

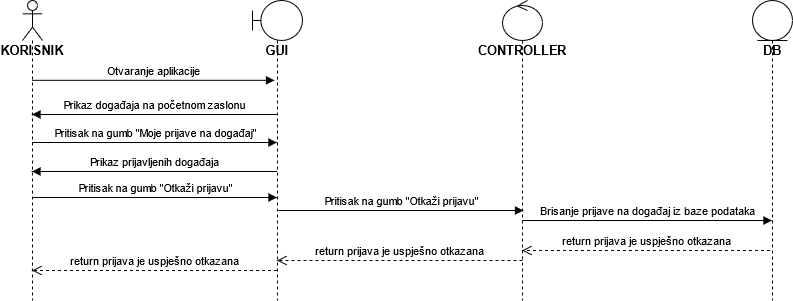


*Izvor: izrada autora*

Postupak za odgovor na upit također zahtjeva prethodnu prijavu korisnika te se na početnom zaslonu odabire gumb „Moji događaji“ te se odabire jedan od događaja. Ulaskom u događaj korisniku se prikazuju upiti ispod kojeg se prikazuje tekstualno područje za upis odgovora. Pritiskom na gumb „Pošalji odgovor“, odgovor se prosljeđuje do baze podataka i sprema se u nju te se prikazuje prilikom otvaranja događaja. Nakon što korisnik odgovori na upit dobiva informaciju kako je odgovor uspješno poslan.

## Otkazivanje prijavljenog sportskog događaja

*Slika 18 Sekvencijalni dijagram koji prikazuje postupak otkazivanja prijave na određeni sportski događaj*

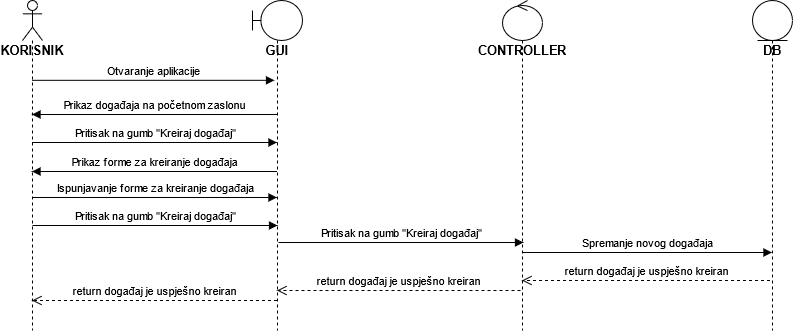


*Izvor: izrada autora*

Za ovaj korak također je potrebna prethodna prijava u aplikaciju, a zatim se na početnom zaslonu odabire gumb „Moje prijave na događaj“. Korisniku se prikazuju svi događaji na koje je prijavljen, a on odabire onaj koji želi otkazati i pritiskom na gumb „Otkaži prijavu“, korisnikova prijava se briše iz baze podataka te dobiva informaciju da je uspješno otkazao prijavu na događaj.

## Kreiranje sportskog događaja

*Slika 19 Sekvencijalni dijagram prikazuje postupak za kreiranje sportskog događaja*

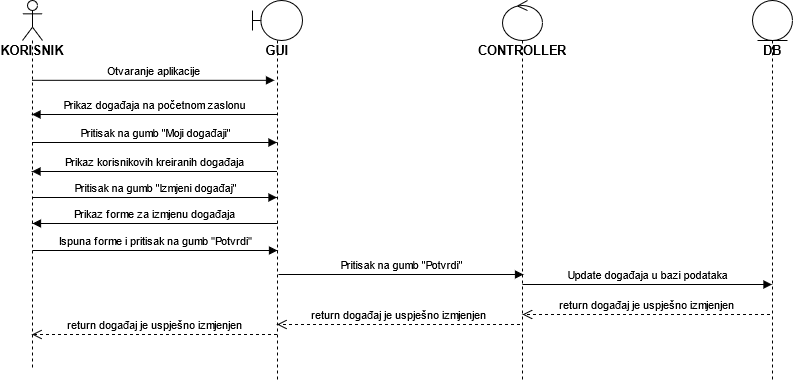


*Izvor: izrada autora*

Kreiranje sportskog događaja odvija se na način da se nakon otvaranja aplikacije i prijave u sustav na korisničkom zaslonu odabire gumb „Kreiraj događaj“. Korisniku se zatim otvara forma za kreiranje događaja koju korisnik ispunjava i odabire gumb „Kreiraj događaj“. Događaj se zatim šalje do kontrolera i baze podataka u koju se sprema. Korisniku se pojavljuje informacija da je događaj uspješno kreiran.

## Izmjena/brisanje sportskog događaja

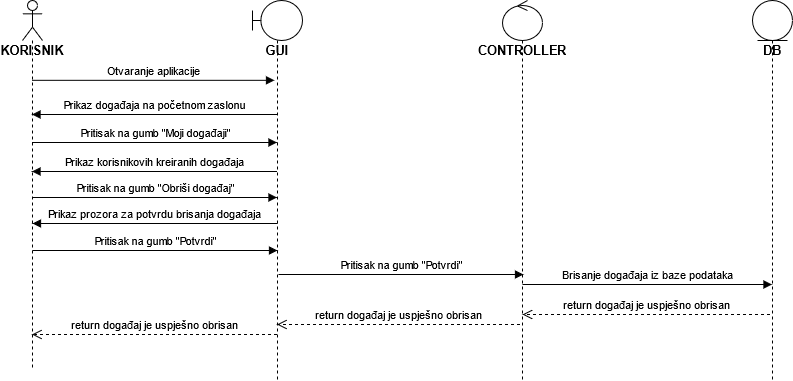
*Slika 20 Sekvencijalni dijagram prikazuje postupak izmjene sportskog događaja*



*Izvor: izrada autora*

Za ovaj korak također je potrebna prethodna prijava u aplikaciju, a zatim se na početnom zaslonu odabire gumb „Moji događaji“. Korisniku se prikazuju svi događaji koje je kreirao, a on odabire onaj koji želi izmijeniti i pritiskom na gumb „Izmjena događaja“, korisniku se otvara obrazac za izmjenu događaja nakon čije ispune je potrebno odabrati gumb „Potvrdi“. Izmijenjeni događaj prosljeđuje se od grafičkog sučelja do kontrolera i baze podataka u kojoj se postojeći događaj ažurira, a potom korisnik dobiva informaciju kako je željeni događaj uspješno izmijenjen.

*Slika 21 Sekvencijalni dijagram koji prikazuje postupak brisanja određenog sportskog događaja*

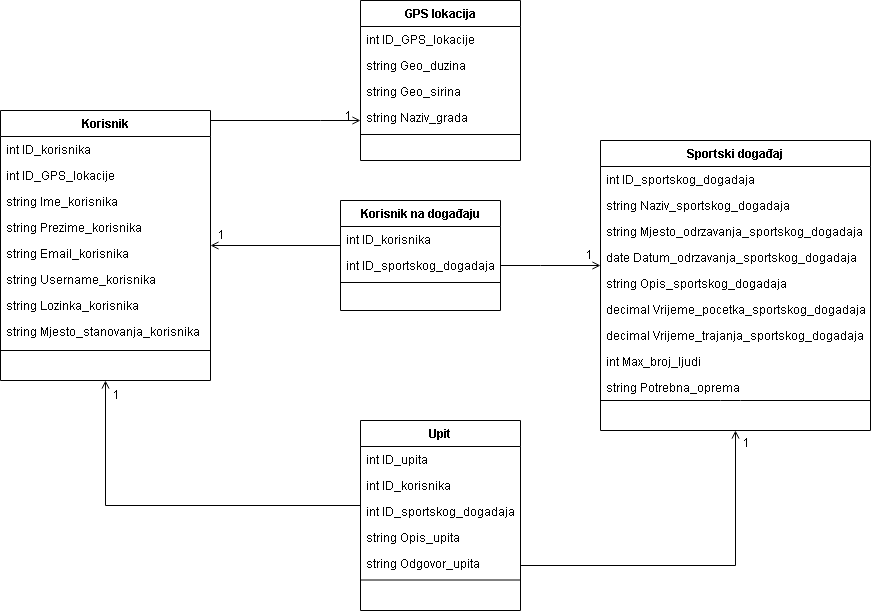


*Izvor: izrada autora*

Ovaj sekvencijalni dijagram prikazuje postupak brisanja sportskog događaja. Postupak je vrlo sličan izmjeni, razlika je jedino u tome što kada korisnik odabere na početnom zaslonu „Moji događaji“ uz željeni događaj pritiskom na gumb „Obriši događaj“ otvara se prozor u kojem korisnik treba potvrditi brisanje. Pritiskom na gumb „Potvrdi“ događaj se briše iz baze podataka i korisnik je obaviješten o uspješno provedenoj radnji.

# Dijagram klasa

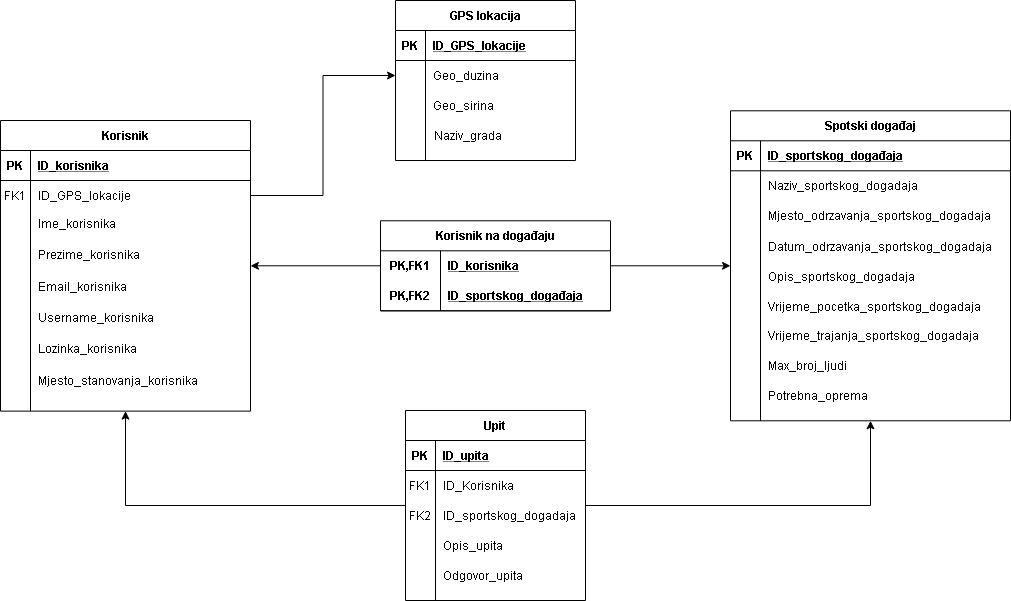
*Slika 22 Dijagram klasa*



*Izvor: izrada autora*

# Relacijski model

*Slika 23 Relacijski model*



*Izvor: izrada autora*

|  |  |  |
| --- | --- | --- |
| **Naziv sheme relacije**: Korisnik  **Opis sheme relacije**: relacija koja sadrži osnovne podatke o svakom korisniku kako bi se mogao registrirati u aplikaciju i koristiti sve njene funkcionalnosti  **Primarni ključ**: ID\_korisnika | | |
| **Naziv atributa** | **Opis atributa** | **Ograničenja** |
| ID\_korisnika | Primarni ključ sheme relacije korisnik, služi za raspoznavanje korisnika u sustavu ukoliko ih ima više. | Primarni ključ |
| Ime\_korisnika | Ime korisnika kako bi se znao tko organizira događaj | Atribut |
| Prezime\_korisnika | Prezime korisnika kako bi se znao tko organizira događaj | Atribut |
| Email\_korisnika | E-mail korisnika za eventualne kontakte. | Atribut |
| Username\_korisnika | Korisničko ime koje je potrebno za prijavu u sustav. | Atribut |
| Lozinka\_korisnika | Lozinka korisnika koju se mora upisati kako bi se dobio pristup. | Atribut |
| Mjesto\_stanovanja\_korisnika | Mjesto korisnika prema čemu bi se mogli sortirati događaji. | Atribut |
| ID\_GPS\_lokacije | Vanjski ključ, uzima se trenutna lokacija korisnika nakon njegovog dopuštenja. | Vanjski ključ  On update cascade, on delete restrict |

|  |  |  |
| --- | --- | --- |
| **Naziv sheme relacije**: Sportski događaj  **Opis sheme relacije**: relacija koja sadrži osnovne podatke o sportskom događaju na koji se korisnici mogu prijaviti i sudjelovati.  **Primarni ključ**: ID\_sportskog\_događaja | | |
| **Naziv atributa** | **Opis atributa** | **Ograničenja** |
| ID\_sportskog događaja | Primarni ključ sheme relacije sportskog događaja, služi za raspoznavanje svakog pojedinog sportskog događaja. | Primarni ključ |
| Naziv\_sportskog\_događaja | Kratki naziv sportskog događaja. | Atribut |
| Mjesto\_održavanja\_sportskog\_događaja | Mjesto na kojem će se održavati sportski događaj. | Atribut |
| Datum\_održavanja\_sportskog\_događaja | Datum kada će se održati sportski događaj. | Atribut |
| Vrijeme\_pocetka\_sportskog\_događaja | Vrijeme kada će započeti sportski događaj. | Atribut |
| Vrijeme\_trajanja\_sportskog\_događaja | Vrijeme koliko će trajati sportski događaj. | Atribut |
| Opis\_sportskog\_događaja | Opis sportskog događaja. | Atribut |
| Max\_broj\_ljudi | Maksimalan broj ljudi koji može biti na sportskom događaju. | Atribut |
| Potrebna oprema | Oprema koju je potrebno imati za sudjelovanje u sportskom događaju. | Atribut |

|  |  |  |
| --- | --- | --- |
| **Naziv sheme relacije**: Upit  **Opis sheme relacije**: relacija koja sadrži upite korisnika o određenom sportskom događaju na koje organizator može i odgovoriti.  **Primarni ključ**: ID\_upita | | |
| **Naziv atributa** | **Opis atributa** | **Ograničenja** |
| ID\_upita | Primarni ključ sheme relacije upit, služi za raspoznavanje upita, odnosno kako bi se svaki upit jednoznačno mogao rapoznavati. | Primarni ključ |
| ID\_korisnika | Primarni ključ sheme relacije korisnik, služi za raspoznavanje korisnika u sustavu ukoliko ih ima više. | Vanjski ključ  On update cascade, on delete restrict |
| ID\_sportskog događaja | Primarni ključ sheme relacije sportskog događaja, služi za raspoznavanje svakog pojedinog sportskog događaja. | Vanjski ključ  On update cascade, on delete restrict |
| Opis\_upita | Opis upita, odnosno pitanje korisnika o nekom događaju. | Atribut |
| Odgovor\_upita | Odgovor na postavljeni upit. | Atribut |

|  |  |  |
| --- | --- | --- |
| **Naziv sheme relacije**: GPS\_lokacija  **Opis sheme relacije**: relacija koja sadrži upite korisnika o određenom sportskom događaju na koje organizator može i odgovoriti.  **Primarni ključ**: ID\_GPS\_lokacija | | |
| **Naziv atributa** | **Opis atributa** | **Ograničenja** |
| ID\_GPS\_lokacije | Primarni ključ sheme relacije GPS lokacija, služi za raspoznavanje lokacije. | Primarni ključ |
| Geo\_duzina | Geografska dužina mjesta | Atribut |
| Geo\_sirina | Geografska širina mjesta. | Atribut |
| Naziv\_grada | Naziv grada prema koordinatama | Atribut |

|  |  |  |
| --- | --- | --- |
| **Naziv sheme relacije**: Korisnik na događaju  **Opis sheme relacije**: shema relacije koja je agregacija shema korisnik i sportski događaj, služi za prikaz svih korisnika na nekom događaju ili prikaz svih događaja na kojem je bio neki korisnik  **Primarni ključ**: ID\_GPS\_lokacija | | |
| **Naziv atributa** | **Opis atributa** | **Ograničenja** |
| ID\_korisnika | Primarni ključ sheme relacije korisnik, služi za raspoznavanje korisnika u sustavu ukoliko ih ima više. | Primarni i vanjski ključ  On update cascade, on delete restrict. |
| ID\_sportskog\_događaja | Primarni ključ sheme relacije sportskog događaja, služi za raspoznavanje svakog pojedinog sportskog događaja. | Primarni i vanjski ključ  On update cascade, on delete restrict. |

# Mapiranje elemenata (metoda, akcija i ruta)

Kako bismo kod koji pišemo u Laravelu prikazali na sučelju, one moraju biti zapisane u API rutama koje se nalaze unutar projekta u datoteka api.php i web.php. Te rute pozvane su iz pojedinih kontrolera ovisno o funkciji koju izvode. Laravel omogućava i postavljanje imena za svaku rutu kako se ne bi trebao pamtiti URL put te time pojednostavljuje korištenje.

Pozivom svake navedene rute izvršava se neka metoda koju smo implementirali u kontroleru. To mogu biti metode za kreiranje, pohranjivanje, uređivanje, ažuriranje ili brisanje podataka te se ovisno o tome i koristi određeni HTTP zahtjev.

## Registracija

|  |  |  |
| --- | --- | --- |
| HTTP zahtjev | URL | Metoda |
| GET | /registracija/create | create |
| POST | /registracija | store |

Za funkcionalnost registracije napravljene su dvije metode, create i store. Unutar metode store napravljena je i validacija podataka za lozinku i e-mail na način da lozinka ne smije imati manje od 8 znakova, a e-mail treba biti jedinstven, odnosno ne može se napraviti registracija dva puta s istim e-mailom, dok metoda create služi za otvaranje sučelja na kojem se prikazuje forma za registraciju.

## Autentikacija

|  |  |  |
| --- | --- | --- |
| HTTP zahtjev | URL | Metoda |
| GET | /login | auth |

U metodi „auth“ provjerava se podudaranje unesenog e-maila i lozinke s podacima koje je korisnik upisao prilikom registracije.

## Događaji

|  |  |  |
| --- | --- | --- |
| HTTP zahtjev | URL | Metoda |
| GET | /novidogadaj/create | create |
| POST | /novidogadaj/store | store |
| GET | /dogadaji | show |
| GET | /mojidogadaji | moji\_dogadaji |
| GET | /mojidogadaji/{id}/izmjena | edit |
| PUT | /mojidogadaji/{id}/ | update |
| GET | /prijavljenidogadaji | prijavljeni\_dogadaji |
| GET | /dogadaji | filter\_datum |
| GET | /dogadaji | filter\_mjesto |
| DELETE | /mojidogadaji | delete |

Za događaje se planira napraviti osnovne CRUD metode uz prikaze mojih događaja i prijavljenih događaja. Kod metode moji\_dogadaji postavljen je uvjet da se prikažu samo događaji koje je napravio prijavljeni korisnik. Metoda prijavljeni\_dogadaji služi za prikaz samo onih događaja na koje je korisnik prijavio dolazak. Dok se u prikazu svih događaja u metodi show također napravio uvjet da se korisniku ne prikazuju oni događaji koje je već prijavio. Kod kreiranja novih događaja napravljena je validacija da niti jedno polje ne smije ostati prazno, a za datum i vrijeme odvijanja događaja ne može se postaviti datum i vrijeme koji su manji od trenutnog datuma i vremena. Metode filter\_vrijeme i filter\_datum služe za filtriranje događaja na početnoj stranici te prikazuju filtrirane događaje ovisno o korisnikovim željama.

## Upiti

|  |  |  |
| --- | --- | --- |
| HTTP zahtjev | URL | Metoda |
| GET | /dogadaji/{id}/upit | create |
| POST | /dogadaji/{id} | store |
| GET | /inbox | show |
| GET | /inbox/{id}/odgovor | edit |
| GET | /inbox/{id} | update |
| GET | /inbox | redirect\_primatelj |
| GET | inbox | redirect\_posiljatelj |

Za upite ćemo koristiti osnovne funkcije uz dvije metode redirect koje će služiti za preusmjeravanje upita i odgovora do primatelja i pošiljatelja. To bi u praksi trebalo funkcionirati na način da se kod postavljanja upita za određeni događaj atribut odgovor u bazu podataka sprema kao null i šalje se u inbox korisniku koji je napravio događaj. Kada korisnik otvori upit pojavljuje mu se forma za unos odgovora na upit. Kada se odgovor ispuni i pošalje, tada se on pojavljuje u inboxu korisnika koji je inicijalno postavio upit.

# Testiranje aplikacije

## Automated testing – PHPUnit

PHPUnit je testni framework koji služi za testiranje koda u PHP programskom jeziku. Smatra se jednim od najboljih PHP frameworka u 2019. godini za automatizaciju testiranja, namijenjen jedinstvenom testiranju aplikacije razvijene korištenjem PHP jezika. Baš kao i JUnit, to je instanca xUnit-a i radi gotovo na sličan način. Sebastian Bergmann stvorio je okvir s ciljem da pomogne programerima da otkriju pogreške u njihovom kodiranju.

PHPUnit se temelji na ideji da bi programeri trebali moći brzo pronaći pogreške u svom novoodređenom kodu i utvrditi da se nije dogodila regresija koda u drugim dijelovima baze podataka. Slično kao i drugi frameworci za jedinstveno testiranje, PHPUnit koristi tvrdnje kako bi potvrdio da se ponašanje određene komponente - ili "jedinice" - koja se testira ponaša prema očekivanjima.

Cilj jedinstvenog testiranja je izolirati svaki dio programa i pokazati da su pojedini dijelovi točni. Jedinstveni test pruža strogi pisani ugovor koji dio koda mora zadovoljiti. Kao rezultat, jedinični testovi pronalaze probleme na početku razvojnog ciklusa.

PHPUnit može dati rezultate testa u više različitih formata, uključujući JUnit XML i TestDox. Također 2017. godine otkrivena je ranjivost koja je napadačima omogućila izvršavanje udaljenog koda putem PHPUnit-a. Slanjem velike količine PHP koda u datoteku koja je dio PHPUnit-a, napadač su mogli izvršiti PHP kod na web poslužitelju.

Postupak implementacije:

1. Instalacija PHPUnita putem composera

Otvorimo terminal i napišemo kod za instalaciju PHPUnita:

*Slika 24 Instaliranje PHPUnit-a*

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDmRXhpZgAATU0AKgAAAAgABAE7AAIAAAAJAAAISodpAAQAAAABAAAIVJydAAEAAAASAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGtvcmlzbmlrAAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNTcAAJKSAAIAAAADNTcAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjEgMTM6MDQ6NDkAMjAyMTowNToyMSAxMzowNDo0OQAAAGsAbwByAGkAcwBuAGkAawAAAP/hCxtodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTIxVDEzOjA0OjQ5LjU2NTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5rb3Jpc25pazwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAGyAt0DASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDw+itnwpYx6j4gW3ls/t3+jXMiW3z/AL10gd0X5CGPzKOAcmtm603R4ptJk1ixi0KdvtK3dm00rKCiBoGkjy00Ydm2kZyVXcuM5oA42itnxFp1zZyWs82lWlhb3MZMLWM5nhm2sQxD+ZICwPBAbjjgZ5Z4at7a41ki9t0uYo7S6n8l2ZVdo7eR1BKkHG5R0IoAyaK1tTt7aXSrTVrS3SzFzPNbvbRszIrRrGdyliWAIlHBJ5UnOCFUlOm6P4lH2OdNc06JlyzwmEXCFRvXDZKHllDdQQGGDigDJorqLHw4tr47n0iaBNWWKC4lt0QkrdgW7yQsPLbOG+Q4DZ5xVq78PWl82nRSWsXh2/eO8a7tzJJII1hi81JGjYtLHuG5cHOQoZQc4IBxtFbltoNpfa3aWtrqqCyuIHuHuZYsPBHGHMm+NS2GAjYhQTkFTkZ4m/4Rq0uBY3Gm6o89lcrctK0tt5csJt08yQbNxVjsKlcPgk4JXBNAHO0V0v8AwjGn3F1p0dlq8wjvbK4vDLdWfliJYhL1CO5OTC2cdAQQCeKzZtLgfUrK30y8+0x323ymaIiRCXKbXjQuQ2RkBdxKlT1OKAMyiusfwZBa3lwNWvrvT7SLTjfqZ7Ai4I84QhGi3/KxfodxGCpJGTir4r8NWnh5wLHVH1ALdz2crNbeSFkiEZbHzHIzJjPHKnGRg0Ac7RWz4UsoL/xAsFzBFcILa5kEU8pjjZkgd13MGXA3KMncOO9TTG2sfE1lNf2en2lvFtleLT3F/E+CSAwM5ByQAV3jjnHqAYFFbOsvJpHjXU/JS0L297OgUWqGHh2XiJ9ygegOccc8Zq/c6AusfFDUdGtClpEb+5A8uEsI40Z2IWNBkkKpwo6nA4oA5eiusvvBD2l1pa+fdxR6h5wEd7YNb3CtEASixFiHZgVCYb5mbbwaw9a0+LTNRNpH9uDIoMiX1oLaRGPONm9uMYOc9+nqAZ9FWdNsJdU1W00+3ZFlu50gRnJChmYKCcZ4yauu+lahr8cJlfTdJVvKjmFuJJEjycPIoI3sScsQeMkKMBVoAyaK6y38Jx2Xiiy0bVTM+omOV7qyWB5FicIzRIWiLM4bCFtgBCtwcg7bMvhi2vLnSg9tb2Mlyt3JJHZTsbd44Y942zyMybmIdWZXZU+XIBDAgHFUVv6okVjdWmpWVtpM1lJvh22onaGRlA3qwnPmBtsi8rjGQVIYEiG6ittB8UKRB9ssP3cywTkbpLeVA4VjjCv5bgFlHytyp4BoAxqK2bvRLbTPFj6VqeoeVZrIAL6GITAxMN0coVW5DKVbAJIB7kYp+peGZdM1Wy0e4lddWlYJdWxiLLbMzfIAyFjISpDEKvG4AZOQADDorrH8GQWt5cDVr670+0i0436mewIuCPOEIRot/wArF+h3EYKkkZOJtQ8DWVtqws7TXvORZL2Ga4ls2jWJ7aFZW4DMxHzbcgZ4JAbjIBxtFdLF4Wsr1rKXT9ZzZ3Ud2WlubVo2ge3i8xldVLZBUodylj8x4yMGGSz0/SP7L1e0m/tbT7iSSKa3uIPJkym3zIyMuBlJFIdSSC2RgrQBgUV1FjoMVh43vNJvJreaCO0u2juXAeNk+yyPHNhd3GNrjGSOO4o0jQdKfxZokF5dXE+nam0bwf6OFeQGcxFJAJPkBKP8ysxxg4ycAA5eitNdNtr7VEtdGuppYzG0kk13AIfLCKzOxCu+QqKW45PIAJxncj0LStS0vSIdPvnjiku71rm+urMRukcUMMjfKjOWCqGIGeSxHGc0AchRXRDw1aXL6ZNpuqPNY3jTLPLNbeXJaiEB5SyBiGAjYONrEnkYBqnb6ZY6hrcFlpl7cSRSKSXntVjkLAE7EQSNvYgAKNw3MwHHWgDJorZuYbbw/wCIokktru5jhx9ptdRtBbSMG+8m3c+3KEYfqCcjBANWYvDEUXjk6LfXifYomaaS8jIIe1VDKZF27uWiG4DnkgGgDnaK6i60Gz1HXbL7DNb2Flf6Wb5SoldIGjhfzVIbL48yGQcbuCCM9KZF4Wsr1rKXT9ZzZ3Ud2WlubVo2ge3i8xldVLZBUodylj8x4yMEA5qiuv0rw5YTX9hcWLvrVrdQXoW1mgeGTz4YGcIyo5yCWjI2vzkjjFQa1BZ6bBpd3PoVvZXxaaO70uS4lKlQFMcjIX82MneeC3OwMODyAcvRXRa5LYaV48uooNJt1sbG7kt2tVdyJ41dlOWcsQxXjcMYOCACM0ReGIovHJ0W+vE+xRM00l5GQQ9qqGUyLt3ctENwHPJANAHO0V1F1oNnqOu2X2Ga3sLK/wBLN8pUSukDRwv5qkNl8eZDION3BBGelMi8LWV61lLp+s5s7qO7LS3Nq0bQPbxeYyuqlsgqUO5Sx+Y8ZGCAc1RXX6V4csJr+wuLF31q1uoL0LazQPDJ58MDOEZUc5BLRkbX5yRxioNags9Ng0u7n0K3sr4tNHd6XJcSlSoCmORkL+bGTvPBbnYGHB5AOXorf8RR6XbeNb6yFl9isLS5ltsWjszYV2USHzGbcw4JGVBxgbc5rJ1Cwl029a2mZHIVJEdCdro6h0YZwcFWBwQCM8gHigCtRV7RtN/tbVobRpfIibc8823d5MSKXkk25G7ais2BycYHJq9Y6LpureIoLHT9UmSzMTzXF3eWnlmFI0aSQhEd92EQkcjJ4461lKrCDafRX67DsYdFdjbeD9FutNbVl8RTJpcdrNK7tpx89JY5Ik8ryxJt+bz4yGDkc4OME1PqXgCwtdYWxs/EPnost9BPczWTRpFJawLK/AZmZfm2kgZGCQG4zj9co3td9ej6b9B8rOHorqoPCNhfTaXLp2uZ069+0+fPc2jRyWv2dPMlzGpcN+7Ksu1jknB24qMeFbK6fSpdJ1Z7m01Bp4z5tp5c8csKhmjEYZld2V02AP8AMzhTtNV9apd/wfn5eTFys5miumtvCK33jW38P201/bsyl5zf6c0U0QVGkbEKM7Mdi5UZBYkDjrV67+HptrrTg99c2cF9BdyFtT06S2lga3iMjbowWyhG3DKW6njK4Kli6MWk3ur7PbX/ACY+VnF0Ve1SztLSWBtPvftlvcReYhdAkifMylZEDMFbKkgbjlSp4zgO0XTF1fU/sj3SWi+RNMZnQsqiOJpOQOcfLjgE+x6V0RkpK6JM+it+w8Nwat4isdP03UfMt7yNpvNaAmWJU3lw0SFjvxGxVQTuBTpu4s6p4Jnsn04wyXCJerOzDUbNrWSAQjdIzJlsqEIYFSxPIxkYNAcvRXRDw5Y3Vrb3OmalcSxSrek/aLRYmVreATYwJGyGDAZyMehqta2ttpV5ol9fyeZb3Ef2t0NsJgNs0iBChdQ4JiGeRwx9OQDGororrRVvfH2raY9xb2awz3jGVICsSCISPwgyVX5MYG4geuOWWHhuDVvEVjp+m6j5lveRtN5rQEyxKm8uGiQsd+I2KqCdwKdN3ABgUVv+JPC76Ba2Fzuu/LvPMURX1k1rNGyEZBQkgghlIYMepHBFYKqzuqIpZmOAoGST6UAJRUslrcRTLFLBIkj42oyEM2eBgU8WVwLgQyxtC5UufNUrhQCSfXGAfyoAr0Vqx2MF3FaRWsjfvJZd0jw4bCqhxgEk8ZwPU1HPpYgltN8rxx3D7CZ4jG0eCMkgnGMEHOaAM6irFxaPbRr53yyGR0MZ7bcDOe4zkf8AATVjRdMXV9T+yPdJaL5E0xmdCyqI4mk5A5x8uOAT7HpQBn0V1+l6BppurS6ttQS6sby01BC15amNreWK2ZssoL5ADxuCpJ9gRWfF4bgudUtYYNR2Wd5ZTXkVzcQFWVYllzvRS2PmhYfKW4IOM/LQBgUV0R8NWlxDa3Omao89rcQXjkzW3lyRyW8RlZGUMwwVKYYMfvHI4wYbLw4t3Pp0b3yW631hcXpkeMlYREZuDjJIPkdQMjd0OOQDDorcW0sdI1rS7ySd7jTplF3GZbNXZlWRk2vD5gUgvGQRv+6c9eK0LbStPuPirLperHZbtqxg8u0t9sbnz9uwLvBjQjPILFRjANAHJ0VZv47GOdRplxcXEW3Ja4t1hYNk8YDvxjHOfwro7zw/bf21aeHVuYraazspZtQuWjDqtwsbyupZCxIVVWM46FWIXJOQDk6K6/S9A003VpdW2oJdWN5aagha8tTG1vLFbM2WUF8gB43BUk+wIrPi8NwXOqWsMGo7LO8spryK5uICrKsSy53opbHzQsPlLcEHGfloAwKK6I+GrS4htbnTNUee1uILxyZrby5I5LeIysjKGYYKlMMGP3jkcYMNl4cW7n06N75Ldb6wuL0yPGSsIiM3BxkkHyOoGRu6HHIBh0VuLaWOka1pd5JO9xp0yi7jMtmrsyrIybXh8wKQXjII3/dOevFaFtpWn3HxVl0vVjst21YweXaW+2Nz5+3YF3gxoRnkFioxgGgDk6Ks38djHOo0y4uLiLbktcW6wsGyeMB34xjnP4VWoAs2F/Lp1y80CozNBLAQ4JG2SNo2PHfDHHvimWk8dtdJLNaxXaLnMMxcK3GOdjK3vwR0q1othFqN/JDOzqq2lzOChAO6OB5FHPbKjPtmrNroX27SbGe3fbNcXN0krSH93HFDFFIX4GeA7k4ySAABnqAVtR1U38ENvDZ29jaws8iQW5crvYKGbLszZIRBjOPl4HJzHpWpPpOoC6SCK4/dyRNFNu2usiMjA7SD91j0Iq1bWen22v2cdzqNje2W5ZJpF+0JGVBJMZPl7wSBjKqcbh74mudBluvGmo6RZJb2rQz3O2N7g+XGsQdivmMBwAhAZsdicc0AZ+oak995caQRWltDnyrWDd5aE43N8xLFjgZLEnAA6KoBq2o/2tqk179jtLLzdv7izi8uJMKB8q5OM4yfcmrTeHp/7Rt7aG4t5oriBrmO7QsIzEm/e+CofC+XJkbcnacA5GWavow0qGylXUbS9S8jaWM2wlGFDlMnei9WVh/wH3GQCY+JLlo7EuvmXFnZTWCySOWDQSK6gY6hlErgHOMBBj5Tuz7C/l065eaBUZmglgIcEjbJG0bHjvhjj3xRpthLqmq2mn27Ist3OkCM5IUMzBQTjPGTWhZeF9QvZraL91bPPcz27C5fyvIMKK8rSZHyhVfJ7/K3HTIBS0nVJ9G1SG+tkikePcDHPGHjkVlKsjKeoZSQfY9q6DSPF4g1rTma1tNNs7KO5SGO2WVVWSaNk8x33GU8lMkNkKg2jI5pDwjczTWYsdQ0+7hvI53iuI5ikYMKF5EbeqlGAAPzADDKc4yRWbw9P/aNvbQ3FvNFcQNcx3aFhGYk373wVD4Xy5Mjbk7TgHIyAaWt63AuppqFpPb3eoTQTwXMsL3LxNG8XlKcznzPMAZ/9nAjx/EKwNPv5dNvVuYVRyFeN0cHa6OpR1OMHBViMggjPBB5q7bWen22v2cdzqNje2W5ZJpF+0JGVBJMZPl7wSBjKqcbh74muNBlu/HF7o1klvaFLudMPcHyrdELFiZGAJVVUnJGSB0zxQAah4pnv4miSwsbOA2CaeIrZGCrGswmyMsSWLDkknOT3OaratrtzrHmfaUiTzL24vT5YI+ebZuHJPA8sY79eTVweEbmaazFjqGn3cN5HO8VxHMUjBhQvIjb1UowAB+YAYZTnGSMzUtNfTZIf38VzDcR+bBPDu2yruZSQGAYYZWHIHT0wSAMsL+XTrl5oFRmaCWAhwSNskbRseO+GOPfFMtJ47a6SWa1iu0XOYZi4VuMc7GVvfgjpRawpcXASWZYUwzM7dgASQBxknGAMjJIGRV620+zuNUhUzyCzkhe4cJhpY1RWZkPQbvkOD3BU4GcUrkSqRjuS6j4gi1PWDqNzomniSSSSWdEacLOz8kt+9yMEkjaV98jippvFsr+Il1qDS9Pt7sySyThUkkjufMyHV1kdhghmGFxwx9sUtRs7aPTbK+s0uYkuTIhjuCG5Qj5lYAZB3Y6cEHrUej2aX+pLbyJLIDHI4jhOHcrGzBRwepAHQ0X0F7SPI59r/gSy6rZyXUEqaDp8SRbt8KSXG2bIwN2ZS3HUbSPfNQalqT6lJD+4itobePyoIId22JdzMQCxLHLMx5J6+mAG6jEkF2YktLm0Kgb4rl9zg9c/dXHBHao7S1kvbpLeFold84M0yRLwM8s5Cjp3NMuLurhZ3c9hfQXlo/lz28iyxPgHaynIODweR3rWi1e20XXzqmhW9u29WktorlGc2DknGMnDsn8LHcCNrEBuF0Na8O7vGH/AAjum2+n2vkySqLr7Zu3RITmSdt7KjKqMzABSOfl6CqQ8I3M01mLHUNPu4byOd4riOYpGDCheRG3qpRgAD8wAwynOMkAyG38TXNvY2Vsba0l+xeakcrxkSNDKGEkLFSMod7n+8Cx2sKfF4pntb2zmsLCxtYLRpGW0CNJFIZFCSbxIzMQyAKRnGBxg5NZ+paa+myQ/v4rmG4j82CeHdtlXcykgMAwwysOQOnpgmOxspNQuhbwtGrlHfMjBVwqljkngcDvx9KBNqKuzRudWj1j7DZTxWmkadaeYwS0hduW5ZvmYs7ttVRuYDhRlRk1S1bUP7U1Sa6WLyY22pDDu3eVEqhY0zj5tqKq5PJxk81etNDBuod09tdwXEFwY5I5Cqh0jY4bdtK4O084GCO1VV0eaS9jt4ZoJBNC80U28qjqoYnlgCOUYcgdPTmldGXtoX3/AK1/yZftvFtzbSabc/Z4ri+022a2tp7nMgiXcWjcKeN6FmAJyuNnygrkw2/ia5t7GytjbWkv2LzUjleMiRoZQwkhYqRlDvc/3gWO1hUD6LKBE8FzbXEUscrrLEzY/dqWZSCAwOAOo53Co4NJnuJLaON4gbmB50LvtAVN+ck8D/Vn26ZIouivawte/wDX9Jl7UPFM9/E0SWFjZwGwTTxFbIwVY1mE2RliSxYckk5ye5zVyw8WGbWZbnVorfynbUbooFfa8tzblNhwc7SyqBggjJ57jHSyitdStftc0EtpJiUSZcJIgJBHC7xkqy/d9+nNWItLguPFz6dNJHaRfazFtDM3HmbdittOT6FgBxzRcTqxX3XLWleIYU1lZbq3t7ewhtLtIrKMSeVvkt3XB+YuS7FQWLZxgZAUYydQ1J77y40gitLaHPlWsG7y0Jxub5iWLHAyWJOAB0VQIbmCOCQLFdRXIIzviDgD2+ZQf0rSn0VlurXTY/LS8+ztPcGVimxtpcIS2AMIF/Fjk46FxupGNrinxJctHYl18y4s7KawWSRywaCRXUDHUMolcA5xgIMfKd1Zdau45tLlgKRS6UoW2dVyQRK0oJByCdzntjAHFWrTQwbqHdPbXcFxBcGOSOQqodI2OG3bSuDtPOBgjtVVdHmkvY7eGaCQTQvNFNvKo6qGJ5YAjlGHIHT05ouifbQvv/Wv+TJrfXjY63BqWnabY2hiUo1uFeWKVWBVg4kZiQysVIyOOmDzVmPxdc281ibPT9Pt4bGSZ47dYS8biVFSRH3sS4YLjkk4YgEAKFpPosoETwXNtcRSxyussTNj92pZlIIDA4A6jncKjg0me4kto43iBuYHnQu+0BU35yTwP9Wfbpkii6K9rC17/wBf0maK+LrmG60+Sy0/T7W3sPM2WiQl4pfNGJfM3szPuXCnLcAADFUH1G1fUY7ldGsUiRdrWivP5ch55JMhfPI6MBwOOuRLKK11K1+1zQS2kmJRJlwkiAkEcLvGSrL9336c1Yi0uC48XPp00kdpF9rMW0MzceZt2K205PoWAHHNFxOrFfdcp6lqT6lJD+4itobePyoIId22JdzMQCxLHLMx5J6+mANOLxhqdvZwrbTTQ3cVl9gF2kzBxAJRKoUg5DAgrnONhAwMZONcwRwSBYrqK5BGd8QcAe3zKD+lQ0zRO6udRpni+6muoP8AhIbl7+K1gvtjXckkjO01sUEZIbO0sqjjGNzHPcQ6V4hhTWVlure3t7CG0u0isoxJ5W+S3dcH5i5LsVBYtnGBkBRjnaKBmt/wkM6XIe2t7e2gSCaGO1iDeXGJozG7csWLEN95iTwo+6oAz7SeO2uklmtYrtFzmGYuFbjHOxlb34I6VDRQBoa3qp1vVZtQezt7SWdmklW3L7XdmLFvnZsEk9BgcdKvxeMNTt7OFbaaaG7isvsAu0mYOIBKJVCkHIYEFc5xsIGBjJwKKAOo0zxfdTXUH/CQ3L38VrBfbGu5JJGdprYoIyQ2dpZVHGMbmOe4h0rxDCmsrLdW9vb2ENpdpFZRiTyt8lu64PzFyXYqCxbOMDICjHO0UAa3/CQzpch7a3t7aBIJoY7WIN5cYmjMbtyxYsQ33mJPCj7qgDPtJ47a6SWa1iu0XOYZi4VuMc7GVvfgjpUNFAGtf68dQ199XfTbGOeRmkkjVXaN5GJPmFXZsnJzt+7wAVIyDmTTS3E8k1xI8ssjF3kdizOxOSST1JPemUUAXtG1afQ9Wh1C0SGR4twMVxGJI5UZSroynqrKxU+x4xVq28RGw1631TTNLsLMwqUa2VZJYZlYMrhxK7EhlYqQCOOmDzWPRWcqUJNtrdW+Q7m/d+Lri40ptMttPsLCxaBofIto34LSxytJuZmZnJhjXLEgKuABV7TvGJn1ya61mG28l21O7aMLJtea6tynlna24IWVAMEEbjlu45Kis3hqTi427/jv8wuzcg8VXdnq1peWNpZ28FpvEdgIy9uVkXbKGVyxbepIYsScYAICqAXXiUXf2CFtF02OwsfMMdhGsqxu8n3nd/M8xm4T+PgIo6ZBw6Kr2FO97a/8P+Or131YXZuReKru31uy1C1tLOFLGJoIbIxmSARNv3xkOWZlbzJM5Yn5zgjAxH/wkCRXSz6do9hp7eRPA4gadg6yxNGSfMkbkBjjGOTzmseij2NPt5f8P33e4XYVZsL+XTrl5oFRmaCWAhwSNskbRseO+GOPfFVqK2EXNJ1SfRtUhvrZIpHj3Axzxh45FZSrIynqGUkH2ParsHiEWWqWt9pukafZvBvDxqJZY51ZdrI6yu2QVLDjHDH2xjUUAdLN4mjXSdN+xW1pbyW1zdh7OKN/LMMsUSEFiSzbsSgncWA6FQFxQuteN7d2Ut1pti8FlAYIrVVdIym52AO1gxILnndk4BYkkk5NFAG5eeJ5LvV5tTj0yxtbq4W4WdofNIlM6MjkhpGwQHYjGBk8g9Kz9J1SfRtUhvrZIpHj3Axzxh45FZSrIynqGUkH2PaqdFAFzUL63vPL+zaXaafszu+zNKd+cdfMdumO2OveqdFFABUttcPa3CzRhWK5yrrlWBGCCPQgkVFRQBdXU5EaHyoYESFmKoEypDABgckkggd+efpivPMku3y7eOHHXyyxz/30TUVFAE11dy3koeYjIGOBjqSSfxJJ/H04rQ8NX9tpusm5vVR4haXUexw212e3kRVO3BwWYDIIxnqOtZNFAGt/wkM6XIe2t7e2gSCaGO1iDeXGJozG7csWLEN95iTwo+6oAs6LrscOoWjaikRt7LTru1jQh8S70nKq2055eXbkYwMdMZrAooA1v+EhnS9hltre3t7eFZEWyjDeVtkXbKDlixLqSC27djABAVcPm8TXMt1bzJbWkIt7KaxiiijKqsUgkB75LATNyTk4Bbcck41FAGgNVLnTxd2dvdRWMDQJDIXCyKXd8sVYHIaQ9COg982dQ8SS3muR6xbWNpp9+lybpprbzDvlLBtxEjsOGGcAAc96xqKANNNUtF1i3vRo9pHHBhvskbSNFIwyQX8xnJGcblyMgYGCc1NoGqx23iCW/wBVb7R5ltdiQzl2855IJFAYqd3zMwBOQec5HWsaigDW/wCEhnS5D21vb20CQTQx2sQby4xNGY3blixYhvvMSeFH3VAFnRddjh1C0bUUiNvZadd2saEPiXek5VW2nPLy7cjGBjpjNYFFAGt/wkM6XsMttb29vbwrIi2UYbytsi7ZQcsWJdSQW3bsYAICrh83ia5lureZLa0hFvZTWMUUUZVVikEgPfJYCZuScnALbjknGooA0Bqpc6eLuzt7qKxgaBIZC4WRS7vlirA5DSHoR0HvmzqHiSW81yPWLaxtNPv0uTdNNbeYd8pYNuIkdhwwzgADnvWNRQBZv7qG7nWS3sLexULtMdu0hUnJ5/eOxz+OOOlVqKKALmlah/ZmoC4MXmo0ckMiBtpKSI0b4ODhtrHBwQDjIPStOTXtPH9l29lp13aWenyST5jvv9Jkmfb8/m7Nq48uPACfwnnJyMCigDZ1LWbbVtYhub+2u5beOPy33XYa5m+8QzzFCGYFgAdn3VVe2as3viOxm8Q3Wr2Wm3EMt4t2J0lu1kXdPG6ZXEa4ClycHOeBkdazZtLZH0+2i/eXl4ivsDrhd5wi+xIw2SejjgYyY10q7fUIrKFI57ib7iwTJID+KkgdMnJ4HPSlczVSFr3Nzw5rkC63pAu40SOysLmzG912ytIJyuS6lVBaYLlgVHVuMiofF3kvPbTJIiSlWQ2kdzBcJCgIKsrQKsahiz/IACCpY531RTw5qjuAkEbKYWnEonjMZRThjv3beCeRnii48N6rbXUdtLa5nk37Y0kR2JVQzDCk87SDjqcjFF0L29K9uZfeZddR/wAJxOfF1prjWaZt1lVoUlZC4laRpcOuCp3TSbSOVG37xBJxzoWoi5toEt/Ne7z5BidZFkwcHDKSOMc88d6bLo19DJAjwqRcAtFIkqujBc7jvBK8YOeeBycUXQ/a0/5l95r3fi37ReRz51a52W1zBt1LU/tO3zojHlf3a7cbskc5wBxWHp1xFaajDcTi4KxNvH2WcQyBh90q5VtpBwc47dutPXSrt9QisoUjnuJvuLBMkgP4qSB0ycngc9KkbQtRE0ES2/mtcI7wmF1kWQKCW2spIJGDwOfzFF0Htaa3kizqWs22raxDc39tdy28cflvuuw1zN94hnmKEMwLAA7Puqq9s1cm8T6efFja3b6RN/pMk7XttcXm9ZVmDK6qVRCnyu4By3UenOBc2s1pIEnC5YblZHDqw6ZDKSDyCOD1BHamwQNcTLFGYwzdDJIqL0zyzEAUy+ZWvfQ3j4ltLeG1ttM0t4LW3gvEImufMkkkuIjEzswUDAUJhQo+6cnnIyb7UPtlnp0HlbPsNsYN27O/MskmenH+sxjnpnvVi/0oRXNnBZJIzzW4kctNG6lgWDsrISAg2nknjBzVddKu31CKyhSOe4m+4sEySA/ipIHTJyeBz0pXRCqwavcp1Jby+TcxS5kGxw2Y32MMHPDYOD79quNoWoiaCJbfzWuEd4TC6yLIFBLbWUkEjB4HP5iqtzazWkgScLlhuVkcOrDpkMpIPII4PUEdqNAU4S0TuWNS1N9QZVzL5aEsPPl82RmIALM+BnhVHQABRxnJLZ7iwm1Rpo7GSCzPS3jnyw+XHDsD356e1Gl2X9oX32cLIzGGVkWMZZmWNmUAd8kAVHLY3MNykDR75JMeWImEgkycDaVyG5yOO4I6ijQlKnF8i0su/f8A4Yk1G9jvHgW3t/s8FvCIo0Ll2xksSW4ySzMeAB2xVOrTabdLdpbbFZ3G5SsishXnLbwduBg5OcDBzjBqO5tZLSQRytExIzmKZJB+akj8KCoOCSjFmsniNV8aXWuyWKTRXc87zWbyEBo5gyum8YIO1yA3rg47VMfEtpbw2ttpmlvBa28F4hE1z5kkklxEYmdmCgYChMKFH3Tk85GTpdl/aF99nCyMxhlZFjGWZljZlAHfJAFSHQtRFzbQJb+a93nyDE6yLJg4OGUkcY55470XB1IRlyt2/r/gGfWhoksMOpM9ycRfZ5ww3hScwuMAkHBOcDg8mg6FqIubaBLfzXu8+QYnWRZMHBwykjjHPPHehtC1ETQRLb+a1wjvCYXWRZAoJbaykgkYPA5/MUaETnTlFx5lqu45dVSF1S2t2S2SOZUjeTc26WMozFsDPbgADCjvkmbTb+Frq1W5XZFbWNxC37wKZNyytwSOCd+0defyrNubWa0kCThcsNysjh1YdMhlJB5BHB6gjtTYIJLiQpCu5gjORkD5VUsT+QNFkDp05Qf5/f8A5svJqqQzRLb27LaRiRfKaTc7eYmxzvwOduAOMDA4POXPq8fnQNBaeXHBaS2qp5hYkOJPmJx1/eZPYkcYBwKsOm3lxJBHBA0j3EbSxKpBLqu7OB/wBuOpx7inXGlXtq9uskO/7T/qGhdZVkOcYUqSCc8Y60aCcaN7N6+vr/wQa8hmFklzBI0VtCYmEcoVny7vkEqcff8AQ9PfixdatC+uJqllayQzi4NyyzTCRS27cAAFUgZz3NNudIkt7G0YbZbi4nkiCQSpKDgR7QNhPJLnjPpxRZ6JcXOrwWMjxRGYriTzkKlS23Kndh+c8KScgjsaNBXotc9+/X7yFZdPGoRSC2nFqvLxPKHaQjnG4BcA8DPUcnnpVjTLxZNbmutRfd5sNy0p3BC7NE/AOMAknA46npVddKu31CKyhSOe4m+4sEySA/ipIHTJyeBz0ouNKvbV7dZId/2n/UNC6yrIc4wpUkE54x1o0HL2cly8267/ANf0iZdVSF1S2t2S2SOZUjeTc26WMozFsDPbgADCjvkmbTb+Frq1W5XZFbWNxC37wKZNyytwSOCd+0defyqve6YbHTbaeR42lmmlQ+VMkihVCEcqTz8x7+lZ9FkwUKdSHu+f6r9WaSaqkM0S29uy2kYkXymk3O3mJsc78DnbgDjAwODzlz6vH50DQWnlxwWktqqeYWJDiT5icdf3mT2JHGAcDLoosi/Yw7f1/TLjXkMwskuYJGitoTEwjlCs+Xd8glTj7/oenvxYutWhfXE1SytZIZxcG5ZZphIpbduAACqQM57msuiiw/ZQbv6/juTXLWzyA2cUsSY5WWUSHPrkKv8AKoaKKZaVlYKKKKBhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVeddMfWAIHuU07IJMuPN2gZYcDGScgduRnHNQ2Nm19dCBZI4vkdy8mdqqqliTgE9Aegp1xYSwSIsbLcJJGZY5IQxDoMhjggEYKtnIHQnpzSM5OPNa9nb+vyLUOr+d4gk1DVBJItx5izCJvmCuhQ7c56BuAfQCm2dxYWGqpIrXNxatG8cpMaxOA6sh2jcw4DZGep496oi3mbbiKQ70Mi4U/Mozlh7DaefY+lOks7mK4a3lt5UmQFmjZCGUAbiSOvTn6UWRDpw2v0t8jUk1Kwg0aTT7P7TIHjfMsqKuXaSI42gnACxepJJ7Vcg1K21HVJgPNjR5NRuC2wEhJIOOM8kbTxnHTmsW3024k1aKwnhnhlZwHXyWZ0XqTsHJwOcVHcWjRahcW0PmTeS7jPllWKrnJKnkcDJB6UrIz9lTeieurv69exoW2p2dpcW8AWeaxj84SPgJK3mpsYgZIGABgZOSDzzgH26xhSxt7Oa6SOB5ZJbh4ULMzgLtEe7BXCAEFjnLcY4rNezuYrsWslvKlwSFELIQ+T0G3rzkU66sLyx2fbbSe2352+dGU3Y64yOeop2Rfs6ba1/wCDvr+L8jSh1Wyt9egu1hZ4VjaOZlhjjMm5WUsI+UGAwG3kHbk9TTpdXgEse2aSaJYbhQgsYrcK0kRQHCMc9s56Ad6xY43lkWOJGd3IVVUZLE9ABU0theW9ylvPaTxTyY2RPGQzZOBgEZPPFFkJ0ad9d7f5/wCfQhaR3VFd2YINqAnO0ZJwPTkk/jVqe3hutUaHQ4rqaJv9UkihpT8uTkL+PTtR/ZGpfafs/wDZ915+zzPK8ht23ON2MZxnjNNn0y/tWVbmxuYSwZlEkLLkKMsRkdhyfSg05oN6SNK8VtNuNJiu5JLWWG0IlCIsjpukkYKyEgcqwyp7NyO1RrqVimtRzmGRrcwvDO0caQtIHVlLBBlVIVgMDg7cnkms+WwvLe5S3ntJ4p5MbInjIZsnAwCMnniiWwvLe5S3ntJ4p5MbInjIZsnAwCMnniixmqcGtXun+P4/iaS6lYWsMFvafaZEjjut8kqKpZ5YtgAUE4Awvcnk/Ss+7uUntbGNAwNvAY3yOpMjtx+DCmy2F5b3KW89pPFPJjZE8ZDNk4GARk88UTWF5bzeTcWk8UuwybHjKttAJLYI6cHn2NGhUY0000/61/zY7T7lLS6eSQMQ0E0Y2ju8bKP1YVYS/tvM07zomdLWBo3yoOGLyMGAPDY3qdpwDjB4NUZ7ea1maG5ikhlX7ySKVYcZ5BpqRvKxWNGcgFiFGeAMk/gATQVKEZe9/XX/ADNq+1W0uNSsZLWWeGK3t/KeQWsYLNlycRKQu07sYJ6E5z3z9TuLe5uVa1TACAO/lLF5jZPOxflXjAwOuM9Sari3mbbiKQ70Mi4U/Mozlh7DaefY+lOubO5spBHeW8tu5G4LKhUkeuD9KLImFOEGkn/X9fIm0u5htb7fcmQRNDLExjUMw3xsmQCRn73rV6y1a0sLy0jRJZrOEyl2dFDv5qBGO07l4AGFOckHJwcCneaTc6fYwT3kUsDzSSIIpYihAUId3PXO7H4UWujX93qi6elrKlwSodXjYeWCR8zDGQORzRoyZKlNOTeln+q/U0o9btodRs5DJJcW0Xmh41sYbfaJE2EgKWVjjswx8oHeo5dXgEse2aSaJYbhQgsYrcK0kRQHCMc9s56Ad6y5bC8t7lLee0ninkxsieMhmycDAIyeeKbc2dzZSCO8t5bdyNwWVCpI9cH6UrISo0m1Z9PLz/z6El3cpPa2MaBgbeAxvkdSZHbj8GFGnXKWl55koYo0ckTFRkqHRkJA743ZxxnGMjrVdI3lYrGjOQCxCjPAGSfwAJq5HpNyLw215FLaOIJJgJYipIRGbocdduM09DWXJGLi33/4JpWdzZ3Go2sUBnSC3065id3UFj8kzFgAcdGzjPHTJ6mvbanZ2lxbwBZ5rGPzhI+AkreamxiBkgYAGBk5IPPOBmyWdzFcNby28qTICzRshDKANxJHXpz9KdNYXlvN5NxaTxS7DJseMq20AktgjpwefY0rIz9lBvV7r/PX8TQF9psMVnbxpPNHBNNI7zRryXVArBMkHaVztJIbHJw2BJe6zanWNLu7JJJEsUj3B4kh3ssjOcKmQoOf/wBfU44t5m24ikO9DIuFPzKM5Yew2nn2PpVi3024k1aKwnhnhlZwHXyWZ0XqTsHJwOcU7IHTprWT2v8A8H8yxYXdjpmtQzxtPc22xkk3wojAMrKcKSynAOeeD0NWv7YtVvLbfJLPaqJkkSOzitiokTYzLsJBOPX+6PWqMWj3F3rj6bYrJMyzGPeYmXau7bvZcZUdM56VVubO5spBHeW8tu5G4LKhUkeuD9KWjE4Upy1etvnbX7t+li1e3NmdNtrOyM7+TNLI0kyhd+4IBgAnH3CMZPrnnAz6uT6bNbw2pZZDLcQtOIwh+WME4b/x1j0xjBzzw6PSbkXhtryKW0cQSTASxFSQiM3Q467cZp6GkZQjHfv/AMEo0VNJZ3MVw1vLbypMgLNGyEMoA3EkdenP0p01heW83k3FpPFLsMmx4yrbQCS2COnB59jTNOaPcr0VILeZtuIpDvQyLhT8yjOWHsNp59j6VYt9NuJNWisJ4Z4ZWcB18lmdF6k7BycDnFAOUVuynRWhFo9xd64+m2KyTMsxj3mJl2ru272XGVHTOelVbmzubKQR3lvLbuRuCyoVJHrg/Si4lUi3ZPUhooooLCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC9o90llqBnkKgCCZV3JuBZomVQRgg5JA549a0H1CzlvLO681YzJZSW80SqQsDlHTcAFACksHIXJBLcdM4tvBJdXMVvAu6WVwiLkDLE4A5qOlYxnShOV3va3y1N5L+1s7uxNteMxtrCeLzlRlxK3nbdvfq64PHUE45AjtdSit5NPkSdo3t7C4iLKCCkjedtwR/vryOmfasWiixLoRa1/rf/ADZoTPBdxabB9ojh8q3ZJHkVtqN5sjYOASeGHQHr9a0Jry2tvE91qVrqMbrP9qeNoVkVo2dH2ZyowcsOmcVkxWDyx20hlijS5naANI2AhGzJY9h8459jUNxF9nuZYfMjl8tyu+Nsq2DjIPcUWD2cJO1+/wCL1NzSpra4vdOid/ki065jn6rtyJ2POD/CwOQD9D0qnrKL5do1q8clnGjQQursxyG3sGLKpJzJnO0DBA5INZscjxSLJE7I6EMrKcFSOhBqS5vLm9kEl5cS3DgbQ0rliB6ZP1otqCotVOdPT/h/8yxo00FvqsT3cjRR4dfNVNxiYqQrgf7LENxzxxzVjTJLfS9cic6gpjaORDc2yP8AuS6MgbDBTwSDx+HNZNFFi5U1K93urf1950R1G3svD72EOpNcS+RKA0auqLvlizGpYA/djcngD5sc1cTVI77WpHgvWD+fqEyTNvHlo0AEbZxkYC9ByMdOlcjTkkeJi0bshIKkqccEYI/EEilymLwsbPXXXt1N6y1OCyuLG0e/kMVv9oH2uFWxEZU2jYDhsKfmPQ5JwOMlv2uG3g06zh1KKcwmdpJJEk8lEkUKYxxv5AbJAGC/B71g0U7F/V43vf8ALz8vNm9ZXunWHiW2uInWOIRukskAkMaMysoZckSYAKk8g53Y7VN/a0dtLarDdWqRW8N15P2M3GY3eIgcycjLYxjock1zdFFhPDRk7tva35/5kkk8k0cKSNlYU2RjA+VdxbH5sfzqxpc8dvfbpm2I8MsW7BIUvGyAnHOAWycZOOxqnRTN3FOLj3OksZoBqlhHZXvNtp1yjXG1kCPtnbcOM4G4EEDOOwPAhtb+1t5rCznvGkhtjMRdRoxELSIApRTg/IwD54OScDgE4aSPExaN2QkFSVOOCMEfiCRTaVjD6um3d/1r/mbkc1haxafB9t85oLiaV5I1dFVisew5wG27l5IAbhsdiZLvULC31rRp7R45YLJIzKLdHChhKzsF8w5PXqTz7dBz9FFh/V1e7b6/jf8AzNjSJrbSPEFvK97HLDsdWmgWTEZZGXOCEbjIJxzjoc03WLtJbS0toJbNoYDIUS18/wCTdtznzfXHQe/rWbbxfaLmKHzI4vMcLvkbCrk4yT2FSfYpG1L7DA0c8pm8lGjYFZGzgEE9j60W1B04+0U29Uv8/wDMueHWZdY3JN5DC3uCJckeWfJf5uOeOvHNWrbVI7H7NbpetILWO6aO4j3gK8kWFVMgEYYA5wOWPpk4aSPExaN2QkFSVOOCMEfiCRTaLXHOipybl2t+f+Z0GlXKve6cILjyZLfTrlWk+YeU2J2ByBngMDxn86jh1CC3W1sXuvPihS5XzwG2IZo9gABG7aDyTjPLYBxk5NorvdxxxzrAZT5ZkZ9qqG+U7j2GCc+2abcRfZ7mWHzI5fLcrvjbKtg4yD3FKxLoxc3d/wBa/wCZtJf2tnd2JtrxmNtYTxecqMuJW87bt79XXB46gnHIFGZ4LuLTYPtEcPlW7JI8ittRvNkbBwCTww6A9frWfRTsWqKTvfX/AIf/ADNy6urS38XJqkN3HdQNfG5Kwo4ZV8zdghlUZx6E9Kz1soDqEUH2+B4W5knQMFjXvw4UkgDOB14A54qnUlvF9ouYofMji8xwu+RsKuTjJPYUWBU+RaPpY2tPv3v/ABVNeKy2ZaC48srwIFEDhQNoz8oA6DPFFtqkdj9mt0vWkFrHdNHcR7wFeSLCqmQCMMAc4HLH0yctLaddUNnaSLJM0ht0eGT5ZMnbw3HBz+RqO1tnu5mjjKgrG8h3eiIWP6KaVkZujTevS3+f6M2tKuVe904QXHkyW+nXKtJ8w8psTsDkDPAYHjP51HDqEFutrYvdefFClyvngNsQzR7AACN20HknGeWwDjJxUkeJi0bshIKkqccEYI/EEim07FOhFybf9b/5m8l/a2d3Ym2vGY21hPF5yoy4lbztu3v1dcHjqCccgUZngu4tNg+0Rw+VbskjyK21G82RsHAJPDDoD1+tZ9FFilRSd76/8P8A5m5dXVpb+Lk1SG7juoGvjclYUcMq+ZuwQyqM49CelZNzBHBIFiuorkEZ3xBwB7fMoP6UWts93M0cZUFY3kO70RCx/RTUNA4QUHZPZf8ADBRRRTNQooqS3i+0XMUPmRxeY4XfI2FXJxknsKBN2VyOipLiL7Pcyw+ZHL5bld8bZVsHGQe4qOgE7q4UVavrH7BJ5UlxFJMpKyxJuzEw4KkkAHnI+Ukcdaq0BGSkroKKKKBhRUlvBJdXMVvAu6WVwiLkDLE4A5ot4vtFzFD5kcXmOF3yNhVycZJ7CgV0iOipLiL7Pcyw+ZHL5bld8bZVsHGQe4qOgE7q4UUUUDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAL2iSJF4g0+SV1REuomZmOAoDjJJq5pNu2m65bPc3FnGWEgilM8cyRybCEZtpbGGKnJHbPasdI3lYrGjOQCxCjPAGSfwAJoMbiNZCjBGJUNjgkYyM+2R+YpGM4czavurfmdFcyGb+yo9Wv4Li6jeVmcSpKQnBjjeQ5Xlg33iwUNk8cVJerZya/pwmuYHZ7Q+ZNNci4CzHzNnmOBhsHYDkYwAOQK5epGgkW2S4K/upHZFbI5ZQCR/wCPD86VjL6ulbW2/wCNzeurjUGtdOQ6ssuoJPOfM+3AmJSkeB5hbAyA3Q45I65FOnItPFt7eme1aKb7Y8TLNHKrZjfbkAnrkDBHOcVzscbyyLHEjO7kKqqMliegAp1vBJdXMVvAu6WVwiLkDLE4A5osP2CStdWs76d9ToLGRb/VtNkmuN9w1jO0s5cF1kXztrEsR8ygIQSRjC8gYqr4inupTZpPcS3UUMbIk8kyyeY24sx+VmAIDKMbicBT3ArNP2nTNQdT+7uIHaNxwwBGQynqCOoI5BHtRdX095sExjCpnakUSxqCep2qAMnA568D0FFtRRov2imrW/4fb7yxoTRrrUDSzRwEbjFLISFjl2ny2PsH2nnj14q9ZT3UfiW2k1W/ieYRuIbia4W4SNyrCMlgWAw5B56dawaKdjWdJTbfdWOuOq3VlpLtPqkUmqC1lRZY5lkkVGliwpkGcniUgAkgHPFWJ9Tk1LWiRdRXDxz6iId7IUWPyAE6/LtODyeDyT3rjWgkW2S4K/upHZFbI5ZQCR/48Pzognkt5C8LbWKMhOAflZSpH5E0uU5vqkLNq19enf8AQ6S31FjqOmx6jewSX0Hn7buVllWMsn7kNIM7tr5bPIXcOeCA2W6uA2lC7ura9v0M25/tSFo4yBtBmztDA72XJO0lfpXM0Ucpp9Wje/6ev+Z01vcxJ4us5ru+aQiNhuublZ/IfDBB5uCp+ba24Ahd3I4NTTakRd2rXBjLw292FmnvYbtnzE21GKjkbjwGzncQPSuTqRoJFtkuCv7qR2RWyOWUAkf+PD86LCeGg2m+1vz/AM+tyS8vZr543uW3yom1pWJLyck5YnqecfQAdqsaJOttqTSs0a7befHmAFSxhcAEHg5OBg9c4rPoqjpcE4OHQ3NH1Pz/ABHZXGpSxh40ZBcTHkvhtjOzBuQxUBiDgKOOK1BdTXGpWaERvNFb3YWae+humYGFiFdgANoOfv8AHzHsK5O3gkurmK3gXdLK4RFyBlicAc1IftOm3s0Z/dTx+ZBIODjIKMPToSM1LRzVMPCUtLXt/n/mdBb6ix1HTY9RvYJL6Dz9t3KyyrGWT9yGkGd218tnkLuHPBAbLdXAbShd3Vte36Gbc/2pC0cZA2gzZ2hgd7LknaSv0rmaKOUf1aN7/p6/5m1fS3T63A9pqUpufL4eW/VjD975fOyFORzxj723rmrUty2l+NzqC3kaWs98ztJbXCvui8wMdwQk4Ixwetc3RTsX7BPR7Wtsb1lPdR+JbaTVb+J5hG4huJrhbhI3KsIyWBYDDkHnp1q59tki+wtqN9bXN7HBeZcyJNtQxERo78hstvwpJ+8B3xXK0UrEyw6k7vtbb1/zNBL6/vdQgkjuPLvEQqLlp/LdvvHLSMRzg7evQAVsL5Vt48e8nuLXyJ7id4ZVnjdVY7tjHG7Z8xU5YcdccGuXop2KnRUtForNfedReX0z3unBkjkli80CabU4ZZCpH/PUAbSvJUtnDHjpisnXJDJfIz3cty/ljcJbgXBi5Py+YOG4w3HTdjqDWbRQlYKdBQaa6f13ZqaG1qZLqC/m8mGeFUZs4O0Sxs2PfarEepGBkkA2ppUWGwj0W5WCYySTjbP5flb4oww3sRt+ZZFAJyQB1yCcGiiw5Uby5r/LptY6SW5bS/G51BbyNLWe+Z2ktrhX3ReYGO4IScEY4PWq9vc3cGt+dql5HcSraThHkuEuF5ikCqTlhyT90+vTmsOiixKoK1n2tsaGqXH2qKwmkl864a3PnuzbnLebIBuPXO3b17Y7YqTw7u/tj935e/7PcbfM27c+S/Xdxj68etZdSQTyW8heFtrFGQnAPyspUj8iaLaGkqf7twXW/wCJuTXJuZtOt9Vu457q3eRmmLpICpAMcRkOVOWDcncqh+ehAtXLWw8SaY5vIvN+ylmuJLoT7J8yGMySKMHafLzxgAAcgVytFKxk8Oujtv8AiblvNPHre/W7v7T/AKJOu77YshKmKQBQ4LAEk8D1PTmoSYptbtzJcRfZgN0AUKFVRkrGVbITLDBLZGSWJYHJyaKdi/Y638rHXPHBN4lsALlXkNhK8s4uUndJAspBMnygso24JIxtHOADQt5IviHSjf3jTQQRyJFd3EyOplO4hiQZFUhmQc7sBVJ4wK5WCeS2mWWFtrr7AggjBBB4II4IPBBxUl1fT3mwTGMKmdqRRLGoJ6naoAycDnrwPQUuUweFbdm9LW8+u33mp4hunuIbNJhveLeBM99FdSMpIIUsgBwDnGf7xx0rLsTcrexmyn8ifnbJ5wi28HPzEgDjPeq9FO2h0wpqEORHSTkWni29vTPatFN9seJlmjlVsxvtyAT1yBgjnOKz72+Zm0678yOe6+znznmVZSzeZIBvDZydu3Ge2PasuiixEaKVm+it+f8AmdIb9JvHk05ntY1E06285jURqx3+W5IGD8xU7jn1J4qb7bJF9hbUb62ub2OC8y5kSbahiIjR35DZbfhST94DviuVopcpDwsXbyVvwa/U3LHXLpFvrk3Pl3gsfJWct+8lJmTJJPJbaSM9QFHpWhq+opqmqRm6vY5Vi1G68vLKV2BY/LXnKhWK43EFeSTnmuToo5dRvDQ5+daPX8VY6q5v007xLpFzHfNjy4zeSpdeexHmksruoG/ChRjHQAc4FZMj6r/a0Jk1HdebP3c/29G2rzx5m7C9+Mjr71l0U7FQoKG3a2x0xC2/jeW7a6s1See4e3nMySojkN5bMBu24YqckcdexqT7bJF9hbUb62ub2OC8y5kSbahiIjR35DZbfhST94DviuVopWIeGTtd9Lbeq/U0NUuPtUVhNJL51w1ufPdm3OW82QDceudu3r2x2xWfRRVHTGKirIKKKKCgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANDROdSZR96S3njQd2ZoXCqPUkkADuTWxY6dNbwafa31jvnf7bMtpKp3MPIULlR8wyyHHQ8ZHrXL1Na3L2kzSRhSWjeM7h2dCp/RjSaOerSlO7i+n6P/M3hbLfXWn2t/aQQah++DQqgg8zC7oVcDAUs+V/hJBHqDTp7a6uLXS4dSgihk+1XBMIgWMkBIjtKJtO5sYAOCcryAQa5mnxQyzuUgjeRgrOVRSSFUFmPHYAEk9gDSsT7B3TT28vXbXz/AAOplQaN4q0aSRI4TOkUlwZ7aOLaDKfm2DKxkKq8jBGM8EmseRNV/taESadtvNn7uD7Ai7l558vbhu/OD09qzoYZbieOG3jeWWRgiRopZnYnAAA6kntRNDLbzyQ3EbxSxsUeN1KsjA4IIPQg9qdhwocurs3a239fcdDPpzWXi29N1p221P2x4Y5YisbqsbkbenA46dOMYptpaJf6ppjGGIS3NlNKQsPyGRTMEPlqMfwL8oXnHQ5Oedqa1uXtLgTRhWOGVlYcMrAqynvyCRxg88EUrClRly6PW1vz/r5Gl4hEkUtrbT28cUsUJMjpZi3ErFm+YDapIxtHIHKnHqaujWqXuqxW8gVi4fYjPtEjhSUQnI+8wA6g88EVHd332mOOKO3itoYyzLFFuI3NgFssSeQqjrjjp1qrT6Fwg1S5dnqdhaQSzS6PFrFrAkhuLrbbtAkQLeVGUDINoyWxw2MgjsRTXtkk1Cyjk0iVp/IusifT/swuMREoAiNgkHPK4PK9xmuRqa1uXtJmkjCktG8Z3Ds6FT+jGlYweGlun0flvfz8/wADpLOKKfVdLh1Sytor4GYPD5Kx7/lzDvQFVyXyMHbkbc8EEumihW7tftOlyCRLe7Zzc2AtVnCxMy/KrYJBz8wwfu9xmuToosV9Wd783T/P/P8ABG9HaRahqGl74ovNu7V3KLtiSWVWlCLgYA3FEXjGc+pzWlaQSzS6PFrFrAkhuLrbbtAkQLeVGUDINoyWxw2MgjsRXKxWdzP5Pk280nnyeVDsQnzH4+VfVvmXgc/MPWmTQy288kNxG8UsbFHjdSrIwOCCD0IPaiw54dy2ffptvtr5/gdTNFCt3a/adLkEiW92zm5sBarOFiZl+VWwSDn5hg/d7jNU7e3S81XSZDFB51xbvL5e1UjllV5QileFAYoikDGc+pzWRdabfWMFvNe2VxbxXK74JJYmRZVwDlSR8wwRyPUVWosNYdpW5v61/wA/wNSRNV/taESadtvNn7uD7Ai7l558vbhu/OD09q1F0ryPHjx3dj5dtJcT/Zkli2xyEbigUEqGGdoxkA5A71zUMMtxPHDbxvLLIwRI0UszsTgAAdST2omhlt55IbiN4pY2KPG6lWRgcEEHoQe1OxUqMmrJ20a2/wCD0OlvIV+26craRdNcfvQxOmiAyjGVIiBKuUJJI4BAAPHNZOuRSRXyCXaCYwdn2VLd05PDxrwD375UqfYZtTWlnc390ltYW81zcPnZFChdmwMnAHJ4BNCQU6Lg07/h/ViGinzQy288kNxG8UsbFHjdSrIwOCCD0IPamUzoCinxQyzuUgjeRgrOVRSSFUFmPHYAEk9gDTKACiirkmj6nF9k83TrtPt2Psu6Bh9ozjGzj5vvDpnqPWgCnRVmLTb6fUTp8FlcSXoZkNskTGQMudw2gZyMHI7YNQzQy288kNxG8UsbFHjdSrIwOCCD0IPagBlFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAG/wCCruew8TfbLR/Lnt7K8lifAO1ltZSDg8Hkd66VdEsrmTSoorGa60y4vdSvrS0gkbdPELaGVId3J3ZXy2xkhgwByM159FNLA5eCR42KshZGIJVgVYcdiCQR3BNTDUr5UtUW9uAtkxe1UStiBidxKc/KcgHI70AdroS2Kat4R1aLQYrV77UTbFDLMYjsliKzx5fduG8rgsy5Tp1FY3h+7tLrxM0v9mxWluunXokgtJJBvH2WbJDSM5DEcZ5AwOOucO/1K+1SdZtTvbi8lVdgkuJWkYLknGSTxknj3p9zrGp3t0Lm81G7uLgRmISyzszbCCCuSc4IZhjpyfWgDTu5bfS7zRtYs7GKM3Fsbk2wllEcbrNLGCrBxIP9Wrffzuz24q7NYWUnxK1u2vopri0gk1FynnsJG8uOVl+c5O7Kg5OcnqDyDzlvqV9aTwTWt7cQy2ylIJI5WVolJJIUg8Alm4H94+tT3evaxfuj32q31y0auiNNcu5VXG1wMngMOCO460Ablto9lqOsaS8drFAl7p1xeNa+cyQh4vPCrvdtyofJXcS+fmbDLxjP8S/YENjDZWVja3CQFrwWVw8yeYXbADmR1ICBD8p6swJyMCto+uXOk6pbXiyTP9njkhQLKVaNHVg3ltzsb94zA4IDHODyDN4g17+2/s423b+TuPnX919pnbdj5TJtX5BtyFxwWc5+bgAm8DTxweOdH821iuPMvYEXzS48smRcONrD5h2zkeoNP0KGz1/xXbxtoyLAsEshsbGSUG5aOJ5AmXZ2BYqF47dOea52rlzrGp3l9Fe3eo3c93Djyp5Z2aSPByMMTkYJyMd6ANPW7a0k8O6Tq1tpf9mPdSXELpG8jRTCPYRIm8lh/rCp+YjKduRTPDSWAi1i71PT01BbSw82KF5XjXzDNFGGJQgkDeTjPPt1GZf6lfapOs2p3txeSquwSXErSMFyTjJJ4yTx71Ck0sSSJHI6LKuyRVYgOuQ2D6jKg49QPSgD0S90HQrnxPFBYaC6QW9/qVu1pb3MrPdi1hR1XcxYgs24fKAcNjkjNZUWg2mu2+i3NtpE1g939tD29q0jrdC3jEgMW/cwZsmPOWAK5x1WuWOpXzTrM17cGVJ2uFkMrbllJBMgOfvEquW68D0p9zrGp3l9Fe3eo3c93Djyp5Z2aSPByMMTkYJyMd6AOjutR+y+G/D+pRaNb2irf3kkMSPcKkhCW4EgYyb8hh1VgMp9azNfS0tfHmrx3cVxPax39wpRLjbIwDsB+8cPznGSQSefXNUzr2sNereNqt8bpGZ1nNy+9WKhCQ2c5Kqqk+gA7VHqGsanq3l/2rqN3e+Vny/tM7SbM4zjcTjOB+VAG54nm0pfideyXFpcGyj1ST7bGZg7SgTHzNmAu0EdBnI/vVD4p0O08PRWtjHI8975900s5TYrRpMYUAG485hkY8D74GTisaK4il1E3GrC4u1kZnm2ThJJGOed7K3OeSSDnn60/VtQ/tTVJrpYvJjbakMO7d5USqFjTOPm2oqrk8nGTzQAzTr06dqMN4sKTNC29Vd3Qbh0OUZWBBwQQRyBXRzWFlJ8Stbtr6Ka4tIJNRcp57CRvLjlZfnOTuyoOTnJ6g8g8zaXlzYXSXNhcTW1wmdksLlGXIwcEcjgkVau9e1i/dHvtVvrlo1dEaa5dyquNrgZPAYcEdx1oAm1y3tki0y8tLdLUX1oZ3gjZikbCaSPC7iWwRGDyTyT2wBk095pZUjSSR3WJdkasxIRclsD0GWJx6k+tPtLy5sLpLmwuJra4TOyWFyjLkYOCORwSKAOsl0+DU/i7q9vdWs17Gt7fTG1hYq05jEkgjBAJG4qF4GeeOafaaLZ6wNBvYdDe2Ny14ZLOB5WS9W3QSgR7iXUvkxEhmwVyBnIrmrrXtYvp7ea91W+uJbZt8Ekty7tE2QcqSflOQOR6Co7nWNTvL6K9u9Ru57uHHlTyzs0keDkYYnIwTkY70AbPh+e31DxM3lWtppcbadeo3lGVo1/0WbLnczt35x2HAz1ytat4rPUTaQ27wrAoXfIwLT55EpwSuGBBG0ldu3luWaO51jU726Fzeajd3FwIzEJZZ2ZthBBXJOcEMwx05PrVZ5pZUjSSR3WJdkasxIRclsD0GWJx6k+tAD7RrZLpGv4ZprcZ3xwyiNjxxhirAc47H+tdF4ov7aw+JWpXllaOWt7+ZmW4uGIaUSN86mPYyAHBAByCOprl6sxalfQaidQgvbiO9LM5uUlYSFmzuO4HOTk5PfJoAu+Kolg8Za1EhcrHfzqC7l2IEjDliSSfcnJrfGmW2sfGTU7O9ieeA397I0KMwMmzzHCZVWbBKgHaC2Ccc4rnZfEmuTXUFzNrOoSXFvu8mV7py0W4Ybac5GRwcdaZda9rF9PbzXuq31xLbNvgkluXdomyDlST8pyByPQUAX/ABIuh/ZbB9Ha0F2fMW7Sxa4MOAQUYeeoYMcsCMsPlB4zisCrmoaxqereX/auo3d75WfL+0ztJszjONxOM4H5VToAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA0vD8EF1rkFtdMqJcB4QzJv2u6MqHHsxH/wBatSLQYLa1kg1KRkeQiQbYv3sey1aVxg8cGSMYyM47dudt55LW5iuIG2SxOHRsA4YHIPNXJ9d1G52efcbtnnbfkUY83PmdB3yfp2xUtO5y1adWU7xdlb8dbdASezs9Stbu088omJTF5g3xOCcDeUweit93vjtmtCKK3PxAeC+SS6VtRKcso3N5uMsNpBHXIAGc9qw4J2t5lljEZZegkjV16Y5VgQasXWq3d5cpcSvGs6OZBLDCkTbic7iVAJORnJp2HOk29OzV76+Q6G7tLbVILq1guY0hIcKZ1Z94OQQ2zHXHBU9Perk9nFc+LtRgu5pSiSXTvKqqXOwO2ccA8r04/Cs9tQme7S5KW29BgAWsYTv1QLtPXqR/IVJPrF5c3BnkaISsJAzpbxoW3ghs7VGcgnk+tFmDpzveOmlt/u6FqLSYbrULNbZZ/KureS4WHIeT5PM+QMAMlvL4O3jd0OOYdYtLazNskEFzbzPGXniuJAzRncQFICqRwA3PZh+LdO1RrW9t5J/njhhkgUbFbYrhwTtPDYLk4PXpkCjVLu1ufK+zDc653y/Zkt9wOMLsQkcYJ3dTux2FLW4kqiqpPb/h/wDgeZTguJrWZZraWSGVfuvGxVhxjgiti6tYbzxrqEd08iQLcXEshjALbU3uQM8ZIXH41jwTtbzLLGIyy9BJGrr0xyrAg1cfXL99QjvhLHHdRuXEsUKRsWPUttA3Z989T6mm7l1ITcrx7Nf5dC0mm2F0LK4tvtMcEhm+0RyOrMoiUOxRgADlDxkDkenNN0oW8+sFLGKSFWtLhcTzq3zeTJzu2qAOnX86rnXdRNzbTpceU9pnyBEixrHk5OFUAc554571C+o3D3Hnjyo38tov3UCRjawKnhQByGIz1/KlZkezqOLT7Pq/P7+g29hjtrkwR+YWi+SRnUrlwecKQCB2554ycZwI4FhaZRcySRxfxNGgdhx2BIz+dEs8k+zzW3GNAikgZ2joCe+OnPYAdAKjqjoSfLZ7nQaxfra+K22z3U8FjcP5UWRGIGDHCx53gKML25AxgVR1Saey8TX7wXMqzR3UoEyttc/MQTlcYz7Y61VN9O2oPeuY5J3dnYyRK6szZySpGO/pU0+sXdzdrczi2eVSzFjaRfMW6lhtw345qbHPCk4W0T0s/wCrGhNZRaj46vre4kaOI3Vw7spUHau5iAWIAyFxk8Dqaq6vYWlpDbSWkmHk3iWA3Mc5QgjB3R8YIPQgHIPWo31y/fUI74Sxx3UblxLFCkbFj1LbQN2ffPU+pqvdXst5s81IF2Zx5NukXX12gZ6d6NQhTqqUbvRL/P8A4BXoooqjqCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAJIJFhmV5IY51HWOQsFPHfaQf1rWvLC3ufFF3YW6xWENuZ1DDe4xGHbLZJPIXBx+ArJgkWGZXkhjnUdY5CwU8d9pB/Wrk+ryTapLfLbQQyzJIsgTdtYyKwZuWPPzHpxwOKRhUjNyvHs/v6af8AcNKSS+tY4LhmhuozLGzR4cgFgV2AkFiUIUZ5JXkZ4sWemWQ8TWthdm8CNJGrxzWojcszD5SN+QCD97OeelZ4vtxtRPbxTJbRmNY33AMCzNztIPVz0I6CnSanMby3uIFjtza48hIwSseGLcbiSfmJPJPX04o1JlGq9L9H2+X9WGtbwTX0MFhNLKJSq7pYdpDE4+6pYnt059qsX1nNod9AwVsyR+Yi3dsAwGWX5o23AcqcdeMH6QjUBHercW1pBbgIUaJC5V1YEMDuYnkEjgj2weakutVF3c20kthaiK2h8lLdA6oVyTk4bdnLE5zz370ajftLrtbXYdqj/YfE1+baOJRFdSqiNErIBuIxtII6e1SXn2a08YXXmIqW8N7IRGsIdcK5wuzKgjgDGRxUN3qiXmofa5tOtd7OzyqrShZWbufnyOeeCKLvVEvNQ+1zada72dnlVWlCys3c/Pkc88EUiYxlZXXSz2/r/hyabThc+KL6zaWK3EclwS6xkIuwM3CjJA+XoM4HrUf9lI93AsNwxt54HuFkaPDhE37vlyRn922BuweORnguNZae/kvEs7aGaUSiUx7zv8xSrEhmOPvHGMVJpOr/ZtSspJtqLbQSQIw3DG8SYLFTnhpOSvOBxzRqJ+2ULrttpvZ/8AAK+o2dtaw2klrcSzC5jMn7yER7QHK9mbPKn9Pwr2ts93cCGMqpwzMzdFVQWZj34AJ4yeOAava3cQXUyTJLHNctnzXhaVkIwAvMvzbuue2NuO9U7G9k0+9juYVjZkyCkihldSCCpHcEEj8aetjSDm6V+uu5sQaTa6jb6db2E0h864uPMmktsOFWONiAqli2BnAzyTjjrTZvDPlTWoa4lgjuI52Ju7VonjMSFjlecgjHIJ6njIxVVNemiktjb2trFHbPIyRCMsrB1CurbiSwIHc55POAMOstStI9QWZ7G2t0WCdSqGUiQtEyhTliepA4x16+i1MOWvHVPSz7b6/wDAJLfQYr64sRYXrSQ3RkVme3IeMxjcw2KW3fKQRg8k44qSbwz5U1qGuJYI7iOdibu1aJ4zEhY5XnIIxyCep4yMVRj1iaC9hnt4YI44d2y22FoiGGHBDEk7hwSTnGBkADDf7SVJhJa2NtbHy5I28syHcHQqc7mPQE4x+OaNSnGvfR6W8vP/AIHcc+l7rm3S1m3w3ELTpJKuwqilgxYAnGNjHAJyMdzitCDSbXUbfTrewmkPnXFx5k0lthwqxxsQFUsWwM4GeSccdazbfVp7aezlRImNpG0Sq6bldGZiwYHrnew7cfnUya9NFJbG3tbWKO2eRkiEZZWDqFdW3ElgQO5zyecAYNRzjWez7/r/AMD8S1N4Z8qa1DXEsEdxHOxN3atE8ZiQscrzkEY5BPU8ZGKpjSke+tUiuGNtcxmbznjwyRqWDsVBPTYxwCcgDucVH/aSpMJLWxtrY+XJG3lmQ7g6FTncx6AnGPxzRb6tPbT2cqJExtI2iVXTcrozMWDA9c72Hbj86NRpV7b/AJef/ACFrC31SCRJZZrdCHfzrVTkg52lN+GBwM/MOpq02lNfeL7nTlaOL/SJQWiiO1VUsTtQZPQHCj2GaotdwtdpMNPtlRRgwBpNjdeSS+7v2I6fWrUmuyNqw1GOytYpy7tKArMs2/hgysxGCCRxjqfanqOSqXvHez7b9Cxc+G2gmsh5s6JdeYNtxbGKUMgyVCEkMSCNuDyTjis3UbVLK7MCfaQVA3rcweS6k8427j2wfxpz3sDTRuumWqKmd0atLtkyO+Xzx7Ee+ajvLxrt4/3ccMcSbI4o87UXJbAJJJ5Ynknr6YFCuOmqqa5n+X6EcEazTKkk0cCnrJIGKjjvtBP6VualYx3HiObTYrm1it7fzyjxwEeUqBjtchQzEBACfm65BJzXP1cbU5m1S5visfm3Hm7xg7R5isGxz/tHFDHUhJy5ovo/vJodMgudSghhvlFvLG0rTOnzRIoYtuRSecISBnkFemeLUWh2E1qb0apItmsMjsxtf3gdGRdm3djnzEIO7vzisuxvZNPvY7mFY2ZMgpIoZXUggqR3BBI/GrU+tSy2ZtIra2t7cxlPLiVu7q5bJJJJKKOSeBgUtSJxrcyUXp8vO/T0JNb0eDSmAtr1rsCeS3cmHy8OgQnHJz9/HbpWbBO1vMssYjLL0EkauvTHKsCDVi+1ObUN3nLGu64luTsBHzSbcjr0+UYqvBIsMyvJDHOo6xyFgp477SD+tNbamlNTVO1TV/18jUutPjuvF97Zq8drAtxOS2wlY40LMcKPRVOAKb/Y8EzWclpetJbXBkEjyQ7Hh8sBnJXJBwhDDB56dabJrsjasNRjsrWKcu7SgKzLNv4YMrMRggkcY6n2oGvTRzWrW1rawRWu/bAsZZH3jD7txJbcPl5PQDGKWpjavZW7eW9n/wAAdptrbT6sYLLzbsNaz7VlgCsX8pyAFDNnkAjvms+5hS3kEaTLKwH7wpyob0B/ixxz0znGRgmYagI7oz21pBb5heIohcqQ6spPzMTnDeuOBxUNzcvdyCWYL5uMO4HMh/vN7+p74yckkl6m0VPnu9rf5jYI1mmVJJo4FPWSQMVHHfaCf0ra1Rray8TCB2tmtLOdtqw2gbaFY4Rwdhk+6ASWPU8nmsGrUl95+qS3tzbxTGaRpHibcEJYk9iD1PrQE4OUr+TJtQZrDxFeeWsG6K4kUL5CmP7xHCNkAeg5xVqbSxf+NLvT4CsCG6mA2xltiKWJ2qvJ4HAHXgVVu9US81D7XNp1rvZ2eVVaULKzdz8+RzzwRUkmuyNqw1GOytYpy7tKArMs2/hgysxGCCRxjqfalqZWqWVlrZrpv0DV9FbS4babdPsuN42XNuYZEZSM5UkgjDAggnv6VRs7Z72+gtYioeeRY1LdAWOBn86ddXMVxs8mygtduc+Sznd9dzN+mOtR288lrcxXEDbJYnDo2AcMDkHmnrY2gp+z1ev9di4tzZ/2zFII9llA/wC7VoRIzKDkb13DcT357kDgAVNNpwufFF9ZtLFbiOS4JdYyEXYGbhRkgfL0GcD1qrNJaR6h59tDHLbvlxbSl8R5z8hIIJx2IPIwTg5AmuNZae/kvEs7aGaUSiUx7zv8xSrEhmOPvHGMUGbUr3hfby3AaUj31qkVwxtrmMzec8eGSNSwdioJ6bGOATkAdziq7SQWl2kmnyNOFHW5tk68jG0lgePX+lSW+rT209nKiRMbSNolV03K6MzFgwPXO9h24/Oo2u4Wu0mGn2yoowYA0mxuvJJfd37EdPrRqUlO9par5ef6WLl9YpP4o1O2i2wpFJcuoVeAIw7BQO33ce1V10x5DZiORc3MDzsWGBGqs4YnqTgRk8DPYA95J9ZabUjerZ20MrmQzbN+Jt4IYHLHGQSPlx1+mAa5Ot9a3McFsn2WMwpEI8oyEsSrA9chyCepHJOeaWpCVZRSXb8bP/gFrbpttZ6bcRtJLEt3MZHltF3NtWIhSm/5l5/vD7x/GGbThc+KL6zaWK3EclwS6xkIuwM3CjJA+XoM4HrUMuqiVIImsLUW9u7ukChwpLBQcnduP3QeTnt0wA641lp7+S8SztoZpRKJTHvO/wAxSrEhmOPvHGMUaiUai9bPt30/rYP7KR7uBYbhjbzwPcLI0eHCJv3fLkjP7tsDdg8cjPEeo2dtaw2klrcSzC5jMn7yER7QHK9mbPKn9PwsaTq/2bUrKSbai20EkCMNwxvEmCxU54aTkrzgcc03W7iC6mSZJY5rls+a8LSshGAF5l+bd1z2xtx3o1uNOqqqi9v+H3/Aq6dZi/vPIaZYB5ckhkZSQuxGbnHP8PbP0PSrVrpEd9q1ta2d3viuEMm8xkuiru3AopPzfISFBOcr0zxRtbl7SZpIwpLRvGdw7OhU/oxp1jeyafex3MKxsyZBSRQyupBBUjuCCR+NPU0mqjvyvpp66/8AANK98OS27WnlvKq3AkJF3btA8Xljc5K85G3nKk55GMjFRjSLaeGKazu5XSQXGfNgCEGKISYwHOc5x7VDHqot72G5s7C1t2j3BkAd1lVhgqwdm4IJHGOp9qsSawosbP7PDBE8M0+63RG2+W6IpBJOTu+cZ3ZHYjAwtTH9+rK/ft577+X6leGGGxuNNubl98Uqeey+SJANsjLtKlhuB2c8jg1NNpwufFF9ZtLFbiOS4JdYyEXYGbhRkgfL0GcD1qvPqf2me3ea0tmjt4zEkADKm3cxGcMDwW65ycc5OSZLjWWnv5LxLO2hmlEolMe87/MUqxIZjj7xxjFGpbVS9+tn2+Q610iO+1a2tbO73xXCGTeYyXRV3bgUUn5vkJCgnOV6Z4dqehS2C2bRC5c3ZZEintmilDgjjbk5zuXBBOckdqo2N7Jp97HcwrGzJkFJFDK6kEFSO4IJH40XVzFcbPJsoLXbnPks53fXczfpjrT1uPlq+0Wuny8/+BsSDSrxb1bW4gktZGQyHz0KbUAJLYxnACk8A9OMmtSDSbXUbfTrewmkPnXFx5k0lthwqxxsQFUsWwM4GeSccdax7G9k0+9juYVjZkyCkihldSCCpHcEEj8auJr00Ulsbe1tYo7Z5GSIRllYOoV1bcSWBA7nPJ5wBgdyakazfuv/AIez/wCATXnh8Wk+niWeWCG8kMbNd25heHDAElScEYYHIPr0xVWWzk0nypblIzN50sT20qgjauFJyDyCS65HQocHI4r3VzFcbPJsoLXbnPks53fXczfpjrU1xfPq18kmoTLEoB3OqZ7l2IHcszMewy2PlHQ1HFVLLmd1rf8Apf1oR6lbJaX7xwljEwWSLd97Y6hl3e+1hnHGc1VqxfXX229kmCeWhwscec7EUBVXPfCgDPfFV6ZvC/KubcKKKKCgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAuaXbQ3V9suRIYlhllYRsFY7I2fAJBx930qxe6fbmysLqxSeFbt3j2XTrgMpHzB8KCp3AZIGCp5qrp18+nXn2mLdvEciKVbaVLIyhgfbOfwp0GpTJqi3ty0lzL/E7uS/3duQxzhh1B5wQD2pa3MJRqc/NHZL799Py1HHSpTfW9vHLFIlwN8c6lgmzJDMcgEBSrZJHAUnpzUlrY251BoTcRXaC1nk3Rb1AZYnYfeCngqD6VaufESz6taXZtJJI4Lc20kdxctI0ytvDEvgEEhz9PpxVO31CGw1EXWnQzw4hkQb5wzKzIy7gwVcY3A4x26+i1IvWcXdWdvLfX/gbFeWykhuUt5GjEzYDIWA8tifusTgA+vPGcHBBAmOlS/a4oY5YpEljaZJ1LBCi7tzYIDcbG4xn5eAcjJFqCRalFeJbKrAHzFQ7RuII3px8h5BHUBhkDGFGtFr0N74gs7iWOREhtJLb/SLgStIxSTBZ3XAyXA5G0fTijUJzqxV0uj+8z/7Cka5s4be9tZvtaNIrhmRURSQzMXUYA2t/wB8n2zXvdOazhgnW4guYJ9wSSFjjcp5UhgCCMg8joRWtcagum6xaX8e1nQOjWqXKMEQjGVeEKqZ3PwBkEbjndWbqmp/2j5X7y+fy8/8fd35+M46fKMdOfXj0oVxU5VZSX8vy8/+BqV7Gyk1C9jtoWjRnyS8jBVRQCSxPYAAn8KuDQZpJLcW11azx3CSskqyFVBjUsytuAKnGOoA5HOKq6beCwv0neFZ0AZJImYrvRlKsMjkcE89q1LLU7IzwW6WzW9pBBdFt9wC8rvCwPzbQBkKqgBevrmm7lVZVYu8drf5/wDAKo0GaSa1W2urWeK637Z1kKomwZfduAK7R83I6EYzQNBmkktxbXVrPHcJKySrIVUGNSzK24AqcY6gDkc4p1prYsL+1ktLdltrcuRE0x3tvXa53qAQcYAIAxgcZyS6fXfNuEkzfTbYZosXd552PMQpkfKMYzk+uB0pakXxF9O3l5/8Dy3+VG4sHgnhjWWKVJwGilVtqONxXOWxj5gRzjpnpzVyy0aObWrO1uLyIQXRUpMm/wDeqX2EL8uQchh8wA49MZo2N19ivY59m/bngHBGQRlT2YZyD2IB7VoX+vtc6rYX0EUivYogX7ROZmkZXLZZuDyT0/LFPUuftb8se2+hVht7SHVIFmu7a4t8hpGHmqhAPKk7NwzjGQD1qSXTHn8SXGn26xQFZ5Fw0vyRKpJJLHnAAPJ5wOlV2ksDdoyW1yLcD54zcKXJ55DbMDt/Cf8AC9JrNqdcOpRWEn755TcQy3G5XWQEMFKqpXhm557enJqEvaJ3ins+2/TqRjQZpJLcW11azx3CSskqyFVBjUsytuAKnGOoA5HOKhOlS/a4oY5YpEljaZJ1LBCi7tzYIDcbG4xn5eAcjNg6xBFHDDZ2TRQxRzqRJNvd3lTYWJwBwNuAAOnvVddQQyWBkjlAs4ygMM2xyd7uGDYO3BYdj0/I1Be2/q3n/wAD+tq9zBHBIFiuorkEZ3xBwB7fMoP6U6+tPsN7Jb/aILnZj97bvvRsgHg9+uKk1O//ALQuVl2yDagXfNJ5kj8k5d8DcecDgcADtUd9NbXF7JJZWv2SBsbYfML7eBn5jyecn8aDSPPpf9B2m2yXd+kcxYRKGkl2/e2IpZtvvtU4zxnFWtX0xbKG2njgnthNvR4LmQNIjqQTnAGAVZSMgHr2wTV02+fTdShu49xMZ+YK20spGGAbqMgkZHIzkU69vIZoYLezgkgt4dzbZJRIzOx5YkKOwUYx/D6k0a3JkqntU1t/w/8AwCOwEDahB9rMYgDgyeYWCso5IJUEjPTIHerU2mPP4hu7C2WKAxyTYVpfkQJuJG9sdlxk498VRgaFZlNzHJJF/EsbhGPHYkHH5VpXOr20mqz39vaSxvcCfzVecOMyqy5GEGMbiec59qNQnz8149n6X6Fc6VL9rihjlikSWNpknUsEKLu3NggNxsbjGfl4ByMzafpdtda5bWT6jA0UroDJGsgzlgNoyn3vqMe9QrqCGSwMkcoFnGUBhm2OTvdwwbB24LDsen5ST6w76vbX8SMXtirK1xJ5jyFW3Au2Bu9O3ygDtmjUmXtXp5Pt8irLaqlykMF1Bc78YdCyKCTjBLhcfXp71JJANOuYXkWC9hkTfGcuEkXJXP8ACwwwPp07jq6K8trXUorizt5VRAQVlmDMCQRuVgo2kZyDg4IB56VY1PV4NVvrWW4t7kxQQCFg11vkkwWO4uynu3p24x2NRt1LpW0t5EOoJBp/iK8jS2jlghuJEWGRm27QxABIIPH1p17pwbxJe2VoFjjinmA3E4RELEk9ScKpPc8dzRf31hfao92bO5QTSPJMguVOSxz8p8v5cE9wadd6lZ3Gs/2hHbXULPM00gS7G7cTkbG2fLg/X8OtLUmPtLLR3t+P3lG5gjgkCxXUVyCM74g4A9vmUH9Khq9f3o1O+jZi0YwEMtxIZHPJ+Z2Ay2M44H3QBzim6s9lJqkraXF5VrwETczAHaM4LckZyRnBx2HSmbRlLRSWpXgaFZlNzHJJF/EsbhGPHYkHH5Vc1OCzhhtTaxzxSyoZHjllEm1Sfk6KuCcE4x0KkHmqMZQSKZVZkBG5VbaSO4Bwcfkamv7r7bqE9wE8tZHJSPORGv8ACo9gMAewo6g4tzTG2ts93M0cZUFY3kO70RCx/RTViDSZ7iS2jjeIG5gedC77QFTfnJPA/wBWfbpkiobG6+x3QlKb1KPG65wSrqVbB7HDHB557HpWpaalazajb74Ps9tb2NxBt87lwUlI+Yjhjvx0xnoOcAdzOrKpG7iun+f/AACnNo8yfZjbTQXcdzu2SQuQAV+8G3AFcAgkkAYOc4qS606CLTbJra4guJZ7iWNpUZkXAEeAd4XGNxOenPXjgg1eO2uoPJtM2cPmA28shLOJF2yZcAclcAYAAwOCckuXWIIRaJaWTRx20krgtNudt6qud2AAy7cqwHB28EgkrUj99dafl57/AIbBZaNHNrVna3F5EILoqUmTf+9UvsIX5cg5DD5gBx6YzXi0z7TqUVnaXdtOZAWMoLIiAAlixdQRgAk8dKtX+vtc6rYX0EUivYogX7ROZmkZXLZZuDyT0/LFQ2epwabrEN5Y20oSMENHLcZZtwKth1VSvB4PY8+1GoL21m+tttN9f+AD6LLutzDc208M4kImjZtqbBl9wIDDC84xyCMZqncwRwSBYrqK5BGd8QcAe3zKD+laFzrCXV3bSyPqcggJYebf73B4wUbZ8vIB6HOB0qvf3o1O+jZi0YwEMtxIZHPJ+Z2Ay2M44H3QBzinqXB1brn/AEKNWtNtku79I5iwiUNJLt+9sRSzbffapxnjOKdqz2UmqStpcXlWvARNzMAdozgtyRnJGcHHYdKbpt8+m6lDdx7iYz8wVtpZSMMA3UZBIyORnIo6GjcpU7xVnYtavpi2UNtPHBPbCbejwXMgaRHUgnOAMAqykZAPXtgmnY2UmoXQt4WjVyjvmRgq4VSxyTwOB34+lSXt5DNDBb2cEkFvDubbJKJGZ2PLEhR2CjGP4fUmo7K6+x3DSbN+6GWLGcffRkz+G7P4Ua2Ij7RUvPX/AIHX9SwmjzS6hBbQzQOtwhkjn3lY9g3bmJYAgDa2cj+HjPGbEfh2SWPzk1CxNr5Lym4LsFG1lUqRt3BvnXjHO4YzVPSdQbStUivFTzNmQV3lCVZSpww5BwTgjoauXeu/abeaPN9L5sPlZu7zztnzo+R8ox9zB+o9OVqRP2/OlHbvp/Xb+tnXHhi5t7+K0F3Zyu8kkbukpCRGNQz7mIHRWycZ6EdeKrnRZTPYpb3NtcJfSeVFLGzbQ+4AhgQGGNynp0IxmrB8Qhr/AM97NXRrq5mkiaQ/MkyhWTIwRgA8+/Tiqd9fQT2lva2dq1vDAXcmSXzHd2xkk4A6KoAAHTvmjUUPb6KXz28/+ARtp06RxNIFjMk72+yQ7CrrtzuzgD746nsc4p0kA065heRYL2GRN8Zy4SRclc/wsMMD6dO462p9ee41eK+kgUGMMNqtgguzMzKexDOxU4O3C9cZJqerwarfWstxb3JiggELBrrfJJgsdxdlPdvTtxjs9Sk6raUlprcjvdODeJL2ytAsccU8wG4nCIhYknqThVJ7njuap3MEcEgWK6iuQRnfEHAHt8yg/pV671KzuNZ/tCO2uoWeZppAl2N24nI2Ns+XB+v4dar6nf8A9oXKy7ZBtQLvmk8yR+Scu+BuPOBwOAB2oVx0/ae7zLp5blOiiimdAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFPhlaCeOVAhaNgwDoHUkHPKkEEexGDU1/fzajOstwlujKu0C3to4Fxkn7sagE89cZ/KgCfRdOi1TU/s9xO9vEsE07yJGJGCxxNIQFLLkkJjqOtWf+EdnvrqyTw/52ox38jQ2+YhHJ5iBS6su4hcBlbO4rtIOQQwWHw/e21hqxlvzMtu9tcQO0KB2XzIXjBCkqDguDjIrSsdd0zTryytFS7udKh+0iaQhYp3+0RCKRlXLKu1QuFJOSCSRuwoBQvPDGrWFt9puLZDb+QZxPDPHLGyCRYyVdGKsQ7KCAcjIyMVDY6HqWpCD7BaPcG4aZIlQgs7RIHcAZzkKwOO+cDJ4rorHxNoekWdvp9tbXeoWi75bhruNE85zLBIE8sFgEItkQksT87HBwFMMni22mFsXt5g4trsTvwS881otuW98tGJGY85kYYOMsAYb2I0rUY01m3eaBl34tblMSryAUlAdSAwIJAPKsOCDize+H528a3mgaLDNdSR3sttAhwWYK5AJPA6DJPAHJ4FMmvLG/i0e3upLiCKztHgnkjhWRtxmlkBVSy5GJFHJHfrjnWn1vQx42n1iJtQuLS/kuvtULQJDJEk6sp2He4ZgJCeQBlR68AGNe+HtUsJLNJrXzPt3/AB6tbSLOs53bSqNGWDMDxgHPI9RUFzpN7a30Vm8PmTT48kW7rMs2TgbGQkP8wK/KTyCOoIrZ/tbQ7WPSrK2iu7u2tZJ55prqFATLKqqpWHcykJ5aNtZiHOQcA1dvPE+jyeItKnjiu5bC306SxuttvDbSN5vnCR40TKLgTEgdyME9WIBSTwvHbx6O2oTxH7ZezRzm31C3ZRDGsTHbJu2K+Hfhm/u8c80LjQ7mbxVe6PpNpcSSwzzpHbuVaXbHuJB2nBYKp4XOSOM8VZubvQ5dN07S4Z9QW3t7m4mmunt0LP5iRBdse8Acx4ILn+9nnaLN9rWj/wDCV3+sWMt9Kt+t8XimtkjMTTxSKgBEjbgDJyeOBwD0oAx30S/j1GOyMSNLKu+No5keNkGcuJASm0bWy2cLtbJGDg1PRb3SEt3vfs+25UvE0F1FMGUHaT8jHAyCMnuD6Gt/w1qNpda3olvLG7LbaXd2kqFN3nO4uWVEUMpYt5qqACpLHAI4NVfGVm9tJYt5U1pCI2hgsbm0a2lgUNvJ2M7sUZpGIYsckOOAooA56CCS5mWKFdzt7gAADJJJ4AA5JPAAzUzadcC+htF8qSaYqqCKdJASTgDcpIHPqabYzLBexyPNJCozl44xIcYIxtJAYHoQTjBPXpVq4kN7qkJ0eKVp1Aw0MIjeRwSdwjTIXAwOP7uepNIylKSlZbW/r+tyOy0a+1GMyWkKsih2LNKqABNu4ksRjG9fz9jUl34e1SyuI7ea0YzSFlWOJlkYlQGIwpJHDA/Q1pa5q+66vrSUSA+S0ewNlY5WuBM4/DlMjrsB6HjP1fU4dQ8zyVkXdfXFyN4A+WTZgdevynNK7MIVK82m0knf/gdf0JNQ0SSLWU0qzsro3W9kBlIxOAcB1G0bVOCeSRjvxmq7aFqImgiW381rhHeEwusiyBQS21lJBIweBz+YqZdUtj4oub+WOVrW5kn3KpAcJIGUkdRkBs+mRUi6lYWsMFvafaZEjjut8kqKpZ5YtgAUE4Awvcnk/SjUOatFJJdPx18+9v62z2026W+htNitLOVEWyRWV8nAwwO088Zz1BHaoWgkW2S4K/upHZFbI5ZQCR/48Pzq550142mw6dHO11bQlQIlJbcJHfK454DD8jWhrl5Hea9Hb3zyQ29u7mZFYkqzO0kirxjcC2wHoSoOQOjuzT2k1JRa73+X+ehnz6W0f2KCP57q4h8913riNTkqD6fKN5JPAYZAxkxrpV2+oRWUKRz3E33FgmSQH8VJA6ZOTwOelSHU5LrXH1C8nkieV2Z3jjEmAQRtCsQCuPlwTjHHPSrUOq2Vvr0F2sLPCsbRzMsMcZk3KylhHygwGA28g7cnqaWpLlVitru34/5fiVW0LURNBEtv5rXCO8JhdZFkCgltrKSCRg8Dn8xULabdLfQ2mxWlnKiLZIrK+TgYYHaeeM56gjtWlLq8Alj2zSTRLDcKEFjFbhWkiKA4RjntnPQDvWOtxMrxMssgaH/VEMcx8549OSTx3NPUqEqst7fj5/8AALFlYmaa1e4G21lmKM/mohIUAuAWIAOGGM8Emi4sW/tyXT7WOTf9oMEccjLuzu2gEjjPv0q1qepW2q6gjP5ttbkySPsQOd7szk7cgHqqZzkhAePuiaXUdNHiOTUEN1LBdPP58ZjWNkWQMp2ncwJAY9cdB68LUnnqb21s9PyM9dKu31CKyhSOe4m+4sEySA/ipIHTJyeBz0pt5pt1YLE1yihJgTHJHIsiPg4OGUkHB6jPFWrC7sdM1qGeNp7m22Mkm+FEYBlZThSWU4Bzzweho1HUUm+zC2n81YXZwj2EUCqx287VJDZ2jOfSnrcrnq86XT0fn93Tcz7eCS6uYreBd0srhEXIGWJwBzVhdKu31CKyhSOe4m+4sEySA/ipIHTJyeBz0qaz1RRqqXF/EpiMbwyLaxJEdjqykgAAZAYnnrgCizuLCw1VJFa5uLVo3jlJjWJwHVkO0bmHAbIz1PHvRqOUqivZdPx/Aa2haiJoIlt/Na4R3hMLrIsgUEttZSQSMHgc/mKdZ6JcXOrwWMjxRGYriTzkKlS23Kndh+c8KScgjsasLqVhawwW9p9pkSOO63ySoqlnli2ABQTgDC9yeT9KrxaokFzpE6Rs508DepON5EzyYB57MBS1M+as1p+Xr5+n3kI0q7e9W0hSOed0LqkEyS5ABJ5UkZwDx1/MVHLY3MNykDR75JMeWImEgkycDaVyG5yOO4I6irEE9nY3zPbyTzRNbyx5eIIwZ42QcBjxyOc+vFQ2dykd3C14GmiiBVVI3bM5IIU8HDHdtPB6HqaeprzT36W7eoNpt0t9DabFaWcqItkisr5OBhgdp54znqCO1WLPRJrrV4LBprZDKVy63MbgAtjjDYJ/2Qcmr1xrOnvq1lIiTvaxWjW02Io4WO/zAzKq/KP9ZkD259azYbi207V7W6s2luUgkSUiWMRElWzjhm9Ov6UtTNTqyjtZ27ddf61I2064W7S2HlSSONw8qdHUDnJLKSBgAk5PA5PFR3NrJaSCOVomJGcxTJIPzUkfhViJ7S11KJ7a7uREAd0jWy7hkEEbN5DAjg5PIJ49W6ncW9zcq1qmAEAd/KWLzGyedi/KvGBgdcZ6k0zRSm5JdPR/1+pWhhluJ44beN5ZZGCJGilmdicAADqSe1aFxpaPrkWkaS/2y4MgtvMWRfLnmLbcxnoEyQASeQNx252rBo+of2TrlhqPleb9juY5/L3bd+xg2M4OM464qS+tZdF1ZWs7l2RW86zvY8p5qBjskXB+U5HTOVYEHBBFEr2fLubDLbT98dvc3sv2axmkkj88LvOY1VmUKDkth1AzgEsMkDJE2pabbW9jbX+m3U1zaXEkkINxAIZA8YQt8odxtxIuDnOc8DAJ09Y13TPEHiG3lvUu7TTfMlnuVtwrSM8sjSOVBIXd8yx7zyVjUkdEEHi3VNM1W+gk0UzR2kEfkQWr2iwrbxA5UBhI5kYlmLM2CSSe+BxQqVpVIcyave/brbW2/wAyrKxk6dp15q+owWGm273F1O22ONOpP9ABySeAASateIdKg0bWpLO0vft1uI4pYrnyjH5iyRrIDtJJHDd6sjVtN0jXLyTQbN7vT54PIRNUJEoVgu85hZcEkMvB5ViDnJpniXWbTWryCWy06GzEVtDExQybnKRIhB3Ow2gqQuMEjG7JqozrSrJ2ag15b6b9fK3rv0NLFPSNP/tTVIbVpfJjbc8023d5USqWkfbkbtqKzYHJxgc1fvdHsbFNNvvOvp9Jv1kCztbLDIroSrYQswcLlG4YBsldykEq+01TSdH8ZpeaOl2+lDMZW8jjeby3j2S/L9wthn2g5HTIIyKk1a9bX3stO065vtSdWknlutQASR5GChiTvYLGscMfLNxhySBjC560q8baRa/z8vTr8g0sYuo2EumajNZzsjtE2BJGSUkXqrqT1VgQwPcEHvVatPxDdwXmtSNaP5tvDHFbRS4I81Yo1iEmDyu4Juwemcc4zWZXaSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFPhdYp45HiSZVYMY3JCuAehwQcH2IPvU1/dQ3c6yW9hb2Khdpjt2kKk5PP7x2Ofxxx0oAfpWmvq2oC1SeK3/dyStLNu2osaM7E7QT91T0BqS60eeGe3S0ZNQjum2W81orMsz5AKAFQwYEj5SAeVOMMpM3hq4trfWSb24S2iktLqDznVmVGkt5EUkKCcbmHQGtnR9YsNHv9NsRqbiKBrtpNTtY3xE9xAIgyKdrkJtVicA5LADgFgDnLvR9TsJHjv8ATru2dIxK6zQMhVC20MQRwNxAz0zxUMdncyxrJFbzOjb8MqEg7F3Pz/sqQT6A5NdrZaxoWn6NaaLqOpvqtuFlacwxyrEiNcW8hhQttbLLbvyAo3SjkDcwhh8S6bbNYyWEr2cscF7O7RIU8q4lskiwu37pM0bMNvyqrp0wVUA5b7D9j1T7JrqXen7P9av2bMqZXI+RmXrkdSODnmpNS0mWx8SXej2++7lgu3tU2RndKyuVGFGeSR0561ZuZLTUrfQrX7bFbfZ7J4p5Zkk2xN58zgHapJyrL0B6/XG42o6ZafEi41iHXUNrfz3hFxZxTeZZiZXVHIZUyQZAflJPyn2yAcnf6bfaXOsOp2VxZysu8R3ETRsVyRnBA4yDz7Uy7s7mwuntr+3mtrhMb4pkKMuRkZB5HBBrqRf6ZZweH7B9Ze++wT3FyZ4VmSK3dwnlICQsm0PGHcqoIDnbluas3OqaBF4m0L7PeRJZ22nPbyXFlbzFbSdzMQ6LKd52NIr5znjIwcAAGTH4M1FH0qPULa+tJdQu5IDC1jI0kcaCMtKEHzOMO3AH8B59Mm9057fWLyxtRNc/ZpJVDGBkZlTOWKHlflUkg9MHPSta7j0xtF0zSYNat3eO7uZp7loZlhQPHDtx8hdgfLI+6CDnjGGOhc6lY2PjzUNbsNailS7/ALQkhe2SZJIWkikEWdyLhizqMqTgjkjrQBy0um30GojT57K4jvSyoLZ4mEhZsbRtIzk5GB3yKfqGj6npPl/2rp13Zebny/tMDR78YzjcBnGR+ddN4fubK81TRYJZf3dvot9DdHLL5eVu3PO1v4HByFbr0JGKzPE0cfk6dJp8kU2mQxva20kcju2VcyOrF44yWBmByEAwyjkgmgDCjjeWRY4kZ3chVVRksT0AFTS2F5b3KW89pPFPJjZE8ZDNk4GARk88U7TZfJv0bzYogQys0wYoVKkMp2gtyCRxzz1HWprueC11KC40po0ki2uWhDGMSA5BTzPmxjbnd3z2xSMpSlz8qXQr21heXmPslpPPnOPKjLdMZ6DtuX8x60XVheWOz7baT22/O3zoym7HXGRz1FdBqmqQ2/26ztf9FU28gWJECEPLOrsh29CIwqEHoUK/WrrGtefcNcWN5L5wv7mVJFZlYRsI1TB6jhSMdgKV2YQrVZyXu6O//A+8z77T0tr77DbyS3F0khhlQQ4G8HGEIJLZOeoB6cc1DNYXlvN5NxaTxS7DJseMq20AktgjpwefY1sHWVl8ZzXs19OLdnnjhuBuZoUcOqsBkEAbs4H86dDqNvp8NlDFqTTvbx3bCWNXVYmki2oqkgH7wznAALfU0XYe0qxSTV3b8dfLy/H78N7O5iuxayW8qXBIUQshD5PQbevORUZjcRrIUYIxKhscEjGRn2yPzFXpb7y10qS0kxPZw8nb9xxM7jrweCprQ1l7e61W30+Mx2VrG8kkn7tV8ou5dsgdWVNileuU2jtl3NPaSTSa7/h/SMm7sXs7e1ebcr3MZmVCuMJkhTn32k9MYwcnPE1zot5a21q89vPHPczPEkDwlWO0JggHk5L46dqsQapDc+Jze3n+iwyblQxoG+zDYUjIAx9z5Txg/Lkc1c02/sNLl05Pt3m+VNcmWWKNwsfmRIisPusQMc4weDjsSrszlUqxtprvt5PS/lp6mHNYXlvN5NxaTxS7DJseMq20AktgjpwefY0TWF5bzeTcWk8UuwybHjKttAJLYI6cHn2NdFa3oe9tLe1u7OKO3gu2ja1Nx+5LQnLEyDI5Gfl9+Mmqdtqkdj9mt0vWkFrHdNHcR7wFeSLCqmQCMMAc4HLH0yS7BVqj+z08/P8AyX3mO9ncxXYtZLeVLgkKIWQh8noNvXnIp0theW9ylvPaTxTyY2RPGQzZOBgEZPPFXtD1QWusWcl7KyQwRyQq6qf3YcPz8pDHDOTwc+narw1G1S60+GS5tUtYPOCPZrO5t2dcB8S88Nhht7gnrRdlTq1Iy5eW+n+f+S08/vwbmzubKQR3lvLbuRuCyoVJHrg/SrFro1/d6ounpaypcEqHV42HlgkfMwxkDkc062S2stWgZ7yOaNfnEsHmKFfnbnIVsBgCdvOM45rQu9QsLfWtGntHjlgskjMot0cKGErOwXzDk9epPPt0DuxzqT+GK1tvYzYdJuzqkFldW1zbvMRkG3YuEzywTGTgAnj0qG4tGj1KWzg8yZlmMSfuyrOc4HynkE+nWnNaQrdpCNQtmRhkzhZNi9eCCm7t2B6/Wtg3dnB4ulv49SUw3UlxiWBJN9v5gYKxBC9N2flJ6H2ouEqk4u610fR7mLNYXlvN5NxaTxS7DJseMq20AktgjpwefY1HPbzWszQ3MUkMq/eSRSrDjPINb0Oo2+nw2UMWpNO9vHdsJY1dViaSLaiqSAfvDOcAAt9TWXc3MTwaYFCym3gKyxsCBnzpG2nGDyGHQ9+tF2OFSbeq/rX/AC/H76ccbyyLHEjO7kKqqMliegAqaWwvLe5S3ntJ4p5MbInjIZsnAwCMnnirlhe2n9tQzTQx2EOxk3wB38tirBZMMxOVJB4P8PHNO0yS30vXInOoKY2jkQ3Nsj/uS6MgbDBTwSDx+HNFxyqSV7Lpf+rFGawvLebybi0nil2GTY8ZVtoBJbBHTg8+xqa10a/u9UXT0tZUuCVDq8bDywSPmYYyByOa1IdRt9PhsoYtSad7eO7YSxq6rE0kW1FUkA/eGc4ABb6mqcOowQXmhzks4sgpmVRyMTu+Bnr8pH50rsz9pVa0X4Pz/wAvx++jNYXlvN5NxaTxS7DJseMq20AktgjpwefY1HPbzWszQ3MUkMq/eSRSrDjPINaFjJFpWqebHfRyYt5tk0AcbXaJ1UcqDnJHPv1qGxux9utDeSssdsCImXI2HLMuSvzY3tkkfNjOOcUzXnnvbS3+f9fMrvZ3MV2LWS3lS4JCiFkIfJ6Db15yKtW+halcalFY/Yp4p5MHEkTDapON54yFz3rUmvdLTWdN8q4jW3htGieW3ik2wSMZCGUOdx2s4bOc8ZGDxWXavBpeuWVx9oju4oZo5XaBW6BskfOF54+nPWldmaqVJR0Vnbs/P+rFeWwvLe5S3ntJ4p5MbInjIZsnAwCMnnim3Nnc2UgjvLeW3cjcFlQqSPXB+lWrdUstUj8q/tZEZGDylZfL2spVlI2huQSOB36jqI9T+yfaV+w+XjYPM8nf5e7J+5v+bGMZz3zjjFM0U5cyX6FOtC+0mWz1ZdLj33F8reTNDHGTtm3EGNcffIOBkDlsgZGGJoN/FpfiTTdQuFdorS7indUALFVcMQM45wKJUu/DniAeVKgurGdZIZ4xuRiCGSRcj5lIwwOMEEHvRK9ny7mxBa2Ety8W5kt4JWZRczkrGNoDNz3IBB2jLHIABJAM+o6SbCCG4hvLe+tZ2eNJ7cOF3oFLLh1VsgOhzjHzcE4ONnWbzRtY1q0srK6TTNJM81xLI1uxWFpZCxwignIiWGPaMLuQ4ODvMPi+bTDPa2/h66t5dMt1ZIY4vO35yMyy70UGR+M7eAFVeijPFCtUlUgmmr3vpolra777aevkVZWOfhhluJ44LeN5ZZGCJGilmdicAADqSe1Xdc0iXQtXl0+e4t7lo1RxNauXjdXRXUqxAyMMOa07O/03wv4mupNOurjVYFgMdtfWrGzkRnUBnUMr4IBdOR33DBAIg8VX+lahf28mjxXCBLS3ikaaYOCUgjTaBsXBUqQTyGIyMDirjVqyrJKL5Gt/PTe+q9LXv00CysZmnWEup6jBZwMiNK2DJISEjXqzsR0VQCxPYAntV240WG0ntDLqlvLZXatsvbaORo0cEjawZVYEHaWABIV1YBsgG7p8uk6F42UQ3yanpRV7d7t4JIlKSxGN2MYO/C7zwCCdvBGch/iC/fUrXStJtbuHVZo5JZFNjbNFGrSlFEMcWxP+eYbhRlpTxkEmfa1JV4qKfK12a7+Wj20dt9uxZWOfvLSewvp7O7Ty57eRopUyDtZTgjI4PI7VDWt4mmil110gkSVbaCC0MsbBkkaGFImZSOqkoSD3BHTpWTXaSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRT4TEs8ZuEd4gwLqjhWZc8gEg4OO+D9DU1/JYyTqdMt7i3i24K3FwszFsnnIROMY4x+NABp+n3OqXq2lkqNKyu/zyLGoVVLMSzEAAKpOSe1F/p9zps6xXSoCy70eORZEdckZV1JVhkEZBOCCOoNaHhUp/bjI8sUXm2V3ErTSrGu57aRVBZiAMkgcnvW5oVzBpV/o+nXF7YxXlvPeTrcs6zW9vLLAiQFnG5SVkjViRkLlcnIYKAcVRXo63kFxpdvp/i7XLe4vJ4JEmuIrlZ5I7b7TbSbGmXcGYLHcOq5Y8gAZYKadrqOlWK6edPnt0Ag1C68qTDpG8tii+WQ+cjzkkQK2SQFzuDAsAcVaQR3N0kU11FaI2czTByq8Z52Kze3APWn6lYS6Xqt3p9wyNLaTvA7ISVLKxUkZxxkVraq0mutop+1RT381k32ma5uUVmcTzY8yR2A3eWEA3HONoHatxlSy+K1xqLX+mJFd3d5JZXZuYp445GD+TI4UtsAdozlhxjPY4AOEoruL6Y3X/AAj0PiLWLS91CGS4keQTxXDCP5TDDJMQyfNIsg+YsEEmWGOKm1VNMm8YaKt1f2kjyac3nXN1ereqlyTN5XnyquH2sYgcgqFAByoyQDkbfSJbiCwma4t4Ir27e0WSZyqxsojJZzjhcSrzz0P41by2+x309t50U/kyNH5sDbo5MHG5T3BxkH0rr7+81mTT9FiPiNJ9Ziu7tvOGrKWt0aOHAMxfaAQGxhiDkjO7cA+6ZdO+I2qaobrT5Le6/tOW3kS5guFbdDLsDKGYDcWUBWHOcYPIoA4qGaW3njmt5HiljYOkiMVZGByCCOhB71Nf6lfapOs2p3txeSquwSXErSMFyTjJJ4yTx711+kzJq/iLQ5rm88y8fSbt7i7aRWlSZftJSRmZhh1VYypZhgKnIABGf41ur+4OmxXd7cX9vbQNFFdzXKTec5cu5JSSRVYB0UjcTtVCcAgAA5epILia1mWa2lkhlX7rxsVYcY4IqxpMjR6pE0axlhnG+VYsfKeQ7cKw6g9iB16Vc1C9kttctbxbqS6mg2SbZ7gXHlsrEhPMXhh0PGMbsdQaRlKb5uS19P6/4cyZJHlkaSV2d3JZmY5LE9STTa66fUYtIju7fR5FtdtrJJEwY7z508e3BY/88VQjHI5zyDiv4i1mS6uPOFzFcvDf3QiDhJFEWIwnykEYwDg45OT15pXMIV5ykko6O/8AW3X1MO+sfsEnlSXEUkykrLEm7MTDgqSQAecj5SRx1qrXSG/Sbx5NOZ7WNRNOtvOY1Easd/luSBg/MVO459SeKm+2yRfYW1G+trm9jgvMuZEm2oYiI0d+Q2W34Uk/eA74ouw9vOKSau7X/N9vL8TmYLia1mWa2lkhlX7rxsVYcY4IpskjyyNJK7O7kszMcliepJrUudRdLnSdQEiz3cUYklaRtxZ1mfG85yflC9ecY9qtatBBNeWelaWsccO+ScOxbCrI2VZic4UQrGx9BnPOadzT2tpK8e+vp/X4mXFpk0qRENGpmhlnRSTnZGGJPTvsYAeo5wME17eCS6uYreBd0srhEXIGWJwBzW0mrpceI5LpNsVvFazRWsc3zBEWF1jUhiQc8ZHIJJ9adb6u1vq2i30l7IHKL9tlWQl2UTtkPjk/IF4PYD2pXZDqVV06fjroYtok8t3HDaFvOmPlIFbbu3fLjPvnH41DW5a6jf6f4ksrjUdSkfDxiWVLvzv3W/JUlSeOCdv6VJYNft4iU3t1HdXH2SfY8lyk6geTJgFiSoGc8Hjnng07lOq1d2VrX39fI5+itjVLxpobKHU5vtlzA7mWRJVdvLJUqnmjOSPnP8QG4e4DdMksv7et3g3WaKG8uS6mDhJtp8tiQowA23qCODnii+hftHyczXf+vn6GbBGs0ypJNHAp6ySBio477QT+lTSWDxau2nyyxI6TmBpGbCKQ20kn09/SpryK/utQjjvbuO4nZPlkkvUdQvJwX3EDvwT396uanFcp4ouLmwu4Ea4uJnhmhvYxhSSclg3y5B74z0ouS6mq1WqZj3EX2e5lh8yOXy3K742yrYOMg9xUddQvlW3jx7ye4tfInuJ3hlWeN1Vju2McbtnzFTlhx1xwakm1Ii7tWuDGXht7sLNPew3bPmJtqMVHI3HgNnO4gelK5n9YlpZX0vv6/wCRy9vBJdXMVvAu6WVwiLkDLE4A5qOugt9Xa31bRb6S9kDlF+2yrIS7KJ2yHxyfkC8HsB7Vm373Rvozq1w14QBkrdrKdmTwHBYDv9M5xTuaxqScrNf1qUaK1tMksv7et3g3WaKG8uS6mDhJtp8tiQowA23qCODnirFlPdR+JbaTVb+J5hG4huJrhbhI3KsIyWBYDDkHnp1ouEqrjfTpcwakt4JLq5it4F3SyuERcgZYnAHNdN9tki+wtqN9bXN7HBeZcyJNtQxERo78hstvwpJ+8B3xVW31drfVtFvpL2QOUX7bKshLsonbIfHJ+QLwewHtSuzP202tI/1r5eX4nP0VuW9zdwa352qXkdxKtpOEeS4S4XmKQKpOWHJP3T69OaqwXZ1HVLV9QlXdGMGWTBMxBLKHZ8jk4Tc3AGMjAp3NfaPtpa+/qZtSW8El1cxW8C7pZXCIuQMsTgDmumuWth4k0xzeReb9lLNcSXQn2T5kMZkkUYO0+XnjAAA5Aqja6jf6f4ksrjUdSkfDxiWVLvzv3W/JUlSeOCdv6UrmarylH3Vra/5/eYdFbCS3665A97cR3c4QhXe+Rtq4bpJuIRhyRk8HBwe8OuSGS+Rnu5bl/LG4S3AuDFyfl8wcNxhuOm7HUGnc0VRuSj+v9feZtXNStrmzkhtb2bdLDHtMBYk22WY+WQeFbJLFR0LEHDbgJNBltIPEmmy6mENlHdxNcB03qYw4LZXByMZ4xzT/ALVqGh+K/tV2N+pWF75konbfumR8ncQfm+YckHn1oldJ23NilaWk99dJb2qb5HzgEgAADJYk8KoAJJOAACTgCp9Q0m70zyzdCFklzslt545oyRjK70YruGQSM5AYHuK39at9PvdSstD8P3dpHZNc3Fys1xPsjh818KGduiiGKE4OWDMyn5vlEPjC2t9N+x6Zpc8Nxp9tvKzpdwzNcTHaJJSsbMY1IVAqk9EB6lq4oYlzqQjte+j3trr89NLdyuXQ5mrur6Re6Fqk2narB5F3Dt8yPerbcqGHKkjoR3rZ037H4S8WzG8v4bmS0jza3mnRpeQiZguHw5UNtDMRzw6qeQCDB4vbTJNStn0q9muv9CtUkLwqirtt4lGCrtluDuHG0gjJ61UcQ5VlFL3Wr3s/L5LT+lbUtoY1naT6hfQWdonmXFxIsUSZA3MxwBk8Dk960G0e/wBN1G3glube0e7gZoZ0vEaN0behHmRkqAxVkOSAMncQMmtDSbW20LxyLC/vrS7t3jktXurO5Hknz4GQHzSMBQZBubBxg8HGCeJ7hE0fS9O8rT4ZIpJ7gxabMs0USyeWoUuGYs+YmY5ZsBkGcfKq+sSdeMIr3Wr3+/8AyXTruFtDnJoZbeeSG4jeKWNijxupVkYHBBB6EHtTK2fFnHiSdH/18UcMV0T1NwsSLMSf4m8wPludxycnOaxq7SQooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKfCImnjFw7pEWAdkQMyrnkgEjJx2yPqKmv47GOdRplxcXEW3Ja4t1hYNk8YDvxjHOfwoAZaWdzf3SW1hbzXNw+dkUKF2bAycAcngE0Xdnc2F09tf281tcJjfFMhRlyMjIPI4INa3hCGW4194beN5ZZLC9RI0UszsbWUAADqSe1bmi2Pl3mh6Xq1nFJqcMl48djf/L1iVraJwSMBpg5EZIzvzjDgkA4eivR10YX+l29v4hsbHR9WuoJE3fZkgkWEXNsRO0I2hSqm5+bCkpGxJwCap2unaVZrp5SC3vUkg1C8Ec+GLR/YUdFZlwWCSCRNw2/Oj42kEAA4q0tZL26S3haJXfODNMkS8DPLOQo6dzReWk9hfT2d2nlz28jRSpkHaynBGRweR2rZ1Wyn1RtFksLHzb7ULJpZIrO3C+YyzzJlY0AA+SNc7QOhJ5JNb9xotzH8Xbs6lpW5Lq9vZLGO/Qxw3coDtEuWKhgXMYxnB3Ad6AOBoruL7SZ7r/hHk1rTLTT9SmkuDLAtsIJLiBNrRhoEKfOzebGoGwuQoz0aptV8NRHxhotlcW2y4vtOa4MM8Mdl58+ZvJRo0bbHu2RIQpBOf4WJoA4210m9vPsf2aHf9uuTa2/zqN8o2ZXk8f6xOTgc+xqG8tJ7C+ns7tPLnt5GilTIO1lOCMjg8jtXZahHr/8AZOhpJpUX9p/bb3ZZR6ZDux5UH3rdUxuxk/MucbW6bTRdaI+l/EbVDf6LssD/AGnJaw3FuyQyqkMrLtxjgfKQVIxwQRwaAONtLuexukuLV9kiZwSAQQRgqQeCCCQQcggkHINTahqt3qfli5MSpHnZFBAkMYJxltiALuOACcZIAHYV1OnafFq+v6E5trcXF9pdzcMEtgI2mjNyI28qNcEDyo8qqndg5ViTnP8AGgnt7jT7K7s4re4gtiZpItNFms7NIx3hfLRiAuxeVHKtjrkgHNVJBO1vMssYjLL0EkauvTHKsCDVjSV36pEv2aS6JziOOPzGztOGC/xbfvbTwcYPBq5qBNjrlrNdQxzLHska3a1S3baGPySRqMAnHvlSp9qRlKa5uS3Qy7ieS6uZbidt8srl3bAGWJyTxUddZJHY6RDdx2dvBdSQ28sqy3CJLw9wkcZxjH3AHB5B8zPQ8w+IpYEuPMGn2YSG/urcRJF5asiCMLnYQTySevU+nFK5hDEc0lGMdNfwMG6sZ7LYLgRqzZ+QSqzKR1DKDlT7HB6+lV66aURXfxAuU+x2xKzzhInY7JpRvKbtzd22jGQD0xUn2cr9hk1XTbaK68i8Z4TCIvMRYiUZ0XGPm3gEAH5R6A0XD6zZLmWrV/zf6HMwTtbzLLGIyy9BJGrr0xyrAg0XE8l1cy3E7b5ZXLu2AMsTknitK5mihudJv5baKQyRiaaJUVEl2zOuNoG0ZVAOB79zU2rafbxXFnpelp500k0hEhdSzh5NsYzgcbUVgScHzMjANO5p7SPMrrvr6bmO8EkcMcrrtSXOzJGWAOCcdcZ4z0yCOxqOuktZrPUfGFtBHHHJY26GC1SRRiTarFCR8mSz/NgkZLYJpurPFZz6ZNcaXKHikLS+fYrarcIGUhdoJU/xAnHQjOaVyVXfMoNatX/P/LU52pIJ5LeQvC21ijITgH5WUqR+RNdNb2Fhb+IbLTwsVynmXEqNJtPmZyIUblQ2fLVhkgN5nocl00UK3dr9p0uQSJb3bObmwFqs4WJmX5VbBIOfmGD93uM0cxLxUW7W6X/P/I5WON5ZFjiRndyFVVGSxPQAU2uis7pbbW9DvGW2iNyEa4YwoEGJ2XcBjanyoORjpnuay79LoX0Y1a3azJAyFtFiOzJ5CAKD3+uMZp3NY1W5Wa/rUo1Yhsbm4+z+THu+0zGCL5gNzjbx7ffXk+tXLCys7vWoba2kkuEdGKrOoh3yBWKpw54LBR1B57da0LtdU+w6arWUf2z7RcbbdbOPONkX3oguM4yeRnGD0waLkzrWkox/H0f+Wpz9xBJa3MtvOu2WJyjrkHDA4I4qOugvNNmtPF8yvpc5hkuJvs8aW5IYAnDIuMOFyG29CBg8GpEtWbxJHFNbR3LNaTMts1msD5EcmFeNOjZGRg5wVORxhXF9YXLfyv8A1/w5zdOjjeWRY4kZ3chVVRksT0AFb00H2qbToL61gtr4PJ50SweW0kYAZAY12/O3zqANpPy+oNXJUGjeKtGkkSOEzpFJcGe2ji2gyn5tgysZCqvIwRjPBJouJ4jSyWuv4f8ADfkcnUkEElxIUhXcwRnIyB8qqWJ/IGti1trufxHbRanZxwT7C0UElukCysAxRSuFBDOAvvnGadafbItd3anZLC4srg+S1sIA6+TJ1VQvXkZ6+/FO5cq1k7Wva+5g0V0mnw291rmjyXEEBa5t3kZPLVUklDSqg2AqvJRBtyAe/U1YmihW7tftOlyCRLe7Zzc2AtVnCxMy/KrYJBz8wwfu9xmlzESxKUuW3T8r/wCRydFWri5ivJ4XljWA4CzPDGo3fMfmCDCj5cDAxnGe5q5pltaTa9bxWjtcDDMi3UaxiSUKSiEbiCGYKOozkjjrTubyqcsbyX9epk0VvWUF1J4lto9VsIkmMbmG3mt1t0kcKxjBUBQcuAOevSrn2cr9hk1XTbaK68i8Z4TCIvMRYiUZ0XGPm3gEAH5R6A0rmMsQou3lff1/yOXjjeWRY4kZ3chVVRksT0AFNrorO6W21vQ7xltojchGuGMKBBidl3AY2p8qDkY6Z7mobdLn+2/+Jxp8aMtpO4gktRCrARSEEqoXuOvXjrxTuP2zV7rZflf/ACMOprm7nu/K+0v5hhjESsQN20dAT1OBwM5wAB0AAuQMmq6pahoIo3x+9CpgTEEnCou3BK4UKMZOOQTmti50tY/EmmRPAonmtTN5U0KQCWUGTy1aMHau7aikZGc84JNFxzrqDtLezf3HLxxvLIscSM7uQqqoyWJ6ACm1vWNzeWPimwfU7aKzJkjDCWzjiATeMtjaAOh+brx1qFI7065Auo6ZJ5xQ7YI7JUYjDYcRhQHwecHg7cE4ouHtXfW1rX3MeitLXIpIr5BLtBMYOz7Klu6cnh414B798qVPsG6DFaT+JNNi1MoLKS7iW4LvsURlwGy2RgYzznimbQlzRUirc2k9p5X2lPLM0YlVSRu2noSOoyORnGQQehBL9Olu4dRhbTA5vC22Hy03PvPA2jB+bJ4I5BwRggGrX2+eDxX/AGhrdr9pnjvfPu7adAnmsH3OjLjAycgjHHpW5quitbatZ6B4XD3d3PPcvFLEw814ZGMaIzDGVMUfmbjhSs5OAvJ56tdU5KL6p69NN7/h95aVzmb/AE2+0udYNTsrizlZd4juImjYrkjOCBxkHn2qtXU+MdIuPDcFjokkVwY7dpZXupbd4kmnYIJBEWxujUJGAccncehXDNN0qPw74tmtvFa2ltcWMfmLbXoeWGSUhSiuYQx2gNvxgg7dpxuyM4YqMqKqbtptJbtJ20W/b0vqPl1sc/d2d1p909tf201tcJjfFNGUdcjIyDyOCDTIYZbieOC3jeWWRgiRopZnYnAAA6kntXR+Oox/bkNw2pw6hNPZWplZPNL5FtF87F1Gd33hyT64PFP0PR7nRfiBFpOtRvaXoV4kEe2R45pIW8kqQ23dveMg7gAcElcZBHEr6uqj35b29Frpvb/gBy62MaTQtVh1GOwudPuLe8lXdHBcRmJ5BzjaGxkkggAck8DJ4rPrqfFUK2eh6PZy6ZcaZcxtO6QXjF5/IYpsLMVUAeYJ8KFXA5xltzZ/iznxJO7/AOvljhlugeouGiRpgR/C3mF8rxtORgYxWuHqOrTU35/g7ef5iaszGooorcQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFPhRZZ443lSFWYKZHBKoCepwCcD2BPtU1/aw2k6x29/b3yldxkt1kCg5PH7xFOfwxz1oArUVueEJpbfX3mt5HiljsL10kRirIwtZSCCOhB71s6Xar4gl0afW4bjU72Vr2R4xIRPexQwq8SlsFmBdZUD8nAKg/IAADiqK7u08OWfiHQILu00lNMvLtXt4R5spgZxdWsayruLNjE7oeWGVyADUNv4a021Wz+3RPdxyLfTlkcxPJEtjFcQjuEYeZk/eGcg7gKAOQtLO5v7pLawt5rm4fOyKFC7NgZOAOTwCaZNDLbzyQ3EbxSxsUeN1KsjA4IIPQg9q09ct7ZItMvLS3S1F9aGd4I2YpGwmkjwu4lsERg8k8k9sAbkunwan8XdXt7q1mvY1vb6Y2sLFWnMYkkEYIBI3FQvAzzxzQBxtFdZLpFpqljod9b6V/ZoupLlblI55BFJDAFdpkLh2GFZwcb+Y+FJ+Wprzwtbz+ItKt7WLK32nSXxgsVl2ybPOISITDzBvWJcFg3LkgEYFAHJxWdzP5Pk280nnyeVDsQnzH4+VfVvmXgc/MPWmTQy288kNxG8UsbFHjdSrIwOCCD0IPausutR+y+G/D+pRaNb2irf3kkMSPcKkhCW4EgYyb8hh1VgMp9aZNYWUnxK1u2vopri0gk1FynnsJG8uOVl+c5O7Kg5OcnqDyCAc5p9/Lpt6tzCqOQrxujg7XR1KOpxg4KsRkEEZ4IPNT6jqpv4IbeGzt7G1hZ5Egty5XewUM2XZmyQiDGcfLwOTncttHstR1jSXjtYoEvdOuLxrXzmSEPF54Vd7tuVD5K7iXz8zYZeMZ/iX7AhsYbKysbW4SAteCyuHmTzC7YAcyOpAQIflPVmBORgAGHUkEiwzK8kMc6jrHIWCnjvtIP61JY/Zvtsf23/AFPOc5xnB27sc7c4zjnGcc4q5cpbQarZyz20H2F9rkWjSbZow5DEeYdwPDLzjp+JRnKaT5bP+v1KN3cveXclxIFUuchVGFQdlUdgBgAdgBUNdQ+l6dpMNyt1b/b54IZ5PnLRqcXCwp91s8FXYjj72M9xDr1vpdtcAwae0MMV7cWzJFO25xGI8Hc24DlienTj3pXMIYiDajFO2vbp8zDms7m2jikuLeWJJhuiZ0KhxxyCevUfnUNdJcW1rfePLuIWs8qLNcO8Ily0zpvbaCFyAxAGOTz1psNnY3UNleS6c1uksd3vijlYLJ5UW5XUtkjk46kZXp1FFxrEJJcy6X6eb7+RgwSLDMryQxzqOschYKeO+0g/rUlxezXF7Lc7vKeTIxGSAqkY2D0Xb8uPTirk6WUV3pl1Lb7ba4QSzwRMxG0SshC5OeQnc9SeR2k1fSY9Pa2srfzLi8eaYFlQjeokMaKBk85jY/8AAgOcU7or2kHJXWr/AKf5fkZJjcRrIUYIxKhscEjGRn2yPzFNrpre6tU8Zaba2sUVxb2kkVrFIxYbiJMtKMN3YsRyRgjis2x+yX+qfvrGOKBbeZ2igkcbisTsDlixByB7cdOuS4Ks7NuPS/5mXRWgkdtqGoQC2g8hShe4jVyEQLuLFSdzY2DPOTnOAeBWlLpdnFqtr5sStBPYS3TRwNIi/KspUoZBuH3FPOeT3GBRccq0Y6NHO1JBbzXUyw20Uk0rfdSNSzHjPAFaUkVit1p9xNEsMNzA0jxqWKKwd0XuW25RS2CTgtjsKr6rEsc8TRRW0cUke6NrYyFJBuILfvDuHII5x06dyXKVS7skU5I3ikaOVGR0JVlYYKkdQRTa2NRtvtXjK/iI+T7XM8nzbcIrMzHOD0UE9D9D0rQt7aDT/FWislvA4u/KkAXzQiEykBk3EN0UH5sjk9sUXM3iEop21auczHG8sixxIzu5CqqjJYnoAKmhmm0+6kzHtlCSQukikFdylGyOxGT+NSLfpHqEV1DZQReVyI0eUKW7NnfuB6dCOgrSFjFceN7y2khluY0nuGEKuS8uwOwXdyeSoGevPrRcqdS1+ZaWbMGiuihs7G6hsryXTmt0lju98UcrBZPKi3K6lskcnHUjK9OorNvoIC1jLEsdqt3DvdQWKRnzHTIzlsYQHueuOwouEayk7W/rX/Iz6K1LDTYptaht0lj1BNjSlIA48zYrN5fKg5O3GQON3fpTtMjt9U1yJDp6iNY5HNtbO/74ojOFyxY8kAcfhzRccqqV9Nlf+vuMmiuihs7G6hsryXTmt0lju98UcrBZPKi3K6lskcnHUjK9Ooo00W8PiLQ7iOziAvDGxj3Ptibzym5fmz0QH5iRknjoAXIeIVno/wAPP/I52itSx+yX+qfvrGOKBbeZ2igkcbisTsDlixByB7cdOuY0jttQ1CAW0HkKUL3EauQiBdxYqTubGwZ5yc5wDwKLmntLOzXS/wDX3GfRXRSaPCdb09I4VkS4tWumggEgWXbvIRN/zjcEAyc8tkZGBVfRLuF/FOnsun20YaeJAitJhTvHzjLk5+px7UXI9unFtLZX/P8AyMWir0U9nPqUTXFrFbQAEFIjIVLYOC2WLYzjO05xnHNGqxLHPE0UVtHFJHuja2MhSQbiC37w7hyCOcdOnchpz+8otFGnvDLEkbyRuiyrvjZlIDrkrkeoypGfUH0q7oNhFqniTTdPuGdYru7igdkIDBWcKSM55waeNSgvvE8Woa1BvtHuUee3gyAIQRmNBngBBtUZGAAMjFEnZNmhmUV1Oq6TL4Y1Czs9N3z6t9ruRFPFGSzoJDBHtXnbIHilYbeRuQhsgYZ4wkuofsem6vf/ANpara73u7hpjK0JbaBbFznds2knBIDSMByCTywxKqSiobO/rp1t2+fUrlsczRW/oWioviN7fxDb+SLOMzS2V3cLZvOeNse6TAXJZSeh2BiOcA2viBHev4jS/wBRmt5p7y0tnkeG4ikJcW8W4kITtBJyDgAjlcin9Zi66pLqr3v6bd9Nf89bHLpc5+/v5dRnWe5VDOVxLKAd0zZPzv6sRgE8Zxk5YkmGKGWdykEbyMFZyqKSQqgsx47AAknsAa6Dwxp9xZ+Nre1v0ewvYVkeEXMbq0c4iZoCUwWJ3+WQuDu4GDnBs+JNR+0aXoeoxahqFxfxSTJHe3j7J3iVkaNwAxKqJGmUNuYkq3zcBVTxH76NNK6fX7/l07hbS5ydFa3iaGKLXXeCNIluYILsxRqFSNpoUlZVA6KC5AHYAdetZNdZIUUUUATWlz9kukn8mKYpkqky7lzjglehwcHByDjBBGQWTTS3E8k1xI8ssjF3kdizOxOSST1JPemUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUU+GJp544kKBpGCgu4RQSccsSAB7k4FTX9hNp06xXD27sy7gbe5jnXGSPvRsQDx0zn86AGWl5c2F0lzYXE1tcJnZLC5RlyMHBHI4JFPl1K+n1EahPe3El6GVxcvKxkDLjadxOcjAwe2BWh4VCf24zvFFL5Vldyqs0SyLuS2kZSVYEHBAPI7Vp2enWevLpt/qQ+yiSS8F4bGBE3x20CTZVBhFchiuRgcKSCdxYA5+51jU726Fzeajd3FwIzEJZZ2ZthBBXJOcEMwx05PrUK3lyuzbcTDy42iTDn5UbduUegO9sjodx9TXUw+GNO1rRhe6Cl8s8itClpcSxt+/FxboP3gVQVK3I6hcMOpFMtvCVsgtRqdxMol+2u0tthgYorSO4idFbBO4SZwxBxgfKc0Ac5b6lfWk8E1re3EMtspSCSOVlaJSSSFIPAJZuB/ePrU91r2sX09vNe6rfXEts2+CSW5d2ibIOVJPynIHI9BVm+H9jXGnaloU93Zfa7Yzxfv/wB7D+8kiI8xQuc7CcgDhsc4ydPUNPttT+KeswahLNFaJe3s87QKDIUi8yRguTjcQhAJ4BOeaAOfudY1O8vor271G7nu4ceVPLOzSR4ORhicjBORjvRc6xqd5fRXt3qN3Pdw48qeWdmkjwcjDE5GCcjHetabRdOv4NJudFF9FHeTzQXEM7RytCYgjNIH+RSuyQE7toG1snHIff8AhiKPWLKCCXybe6spL1wJ47owpH5u8CSPCSNiFiMbRlgpIwWoAyjr2sNereNqt8bpGZ1nNy+9WKhCQ2c5Kqqk+gA7UXevaxfuj32q31y0auiNNcu5VXG1wMngMOCO461vnUdOsNF0C/0+0voYrbVLqUI15G8nmLHbFWDmLaADt4KHofXiC70yC++JGtWepXVwYo57+WS4RFMjGJZX3bflUklOQNoPIG3sAZWj65c6TqlteLJM/wBnjkhQLKVaNHVg3ltzsb94zA4IDHODyDN4g17+2/s423b+TuPnX919pnbdj5TJtX5BtyFxwWc5+bi5b+HbbUNY01LCO7Nvf2U14lqGEk37rzgYg4UAsxgODs43jhsc1vEunWOmGxitbS+s7qSAyXVvezq7wtvZVQgRoVO1Q/I5Dr9SAY8FxNazLNbSyQyr9142KsOMcEVJ9p+0Xvn6m091u++fOw7cYHzEN7dj0qOC4mtZlmtpZIZV+68bFWHGOCK0tUtzdeML+EbsNey7ioB2rvJJ5IHAyeSBxyR1pGUmlLVdNyneXz3N3NLHuhjkAjEQbOI1wEQn+LAVeT1xnrUMtxNNnzpZJMu0h3sTlmxlvqcDJ74rYfRrVdUgjkeSO3mtJbkiOVJ2j2LJwGXCvzHnt1x1Gaom2trq+t47AyhJRmRGwzQ4J3ZY7VOFG7PAAPJ4JouiIVKdtOi/r8v60Kv2ib7T9o82Tz9/mebuO7dnO7PXOec1JNqF5cTedcXc8suwx73kLNtIIK5Pbk8e5q9eadaWmp2CzyNHaXIWSTbMsxiTzGRsOgw3Ck8DjOMcVYh8PxJqVvZX8zJIZLgzGNlwYogeVLYAyySDLHjAJGOpdCdWklzPt/w5jxSoZIvtglmhjBUIkm0gcnAJBA5Oenc+tTT6jI+qNeW48gj5YRwxiULtUA46qoADdcjPXmrmoQRaV9kutLuZILht4dEu45WiIxyHjPRg2MEA8HqKr6//AMjJqf8A19y/+hmjccZRnJNLdP8APXTb5mfVibULy4m864u55Zdhj3vIWbaQQVye3J49zWhqyWtvqEOmNLIkFkhjmkiXfum5LsFO3+LC5PZByeKuanHDfeKrmylvLprO2+0lU2jEGxXbbGu4jaNij+HIGOKLi9tF2bXRv5f8Hsc7HI8UiyROyOhDKynBUjoQamm1C8uJvOuLueWXYY97yFm2kEFcntyePc1Mba2ur63jsDKElGZEbDNDgndljtU4Ubs8AA8ngmtJtH0+3klmu/PNuLH7SsUFxHIwbzfKC+YAVIzySBxnHJHJdDlUgmuZa/j/AF+BixXlzBJFJBcSxvCCsbI5BQHOQD26n8zTv7QvPtv2z7XP9q/57+Yd/TH3uvTiugn0DS21eK3tZLpIFuLmGZpXQswhRWJXgBc5IyTjoT6VDLoFrPBmwdjctHxbfaopsP50aKd6cYIk7gEFT2pXRmsRRdm1v/wTHm1O/uZIpLi+uZXhO6JnmZih45BJ46D8qjuby5vZBJeXEtw4G0NK5YgemT9a1oNChVrb7bLIEZ5nkaHB3RJCkoKg4wWVj16ZGRwRRDpmm3a2s8LXUEEiXIlRisjI0Ue/KnChgQV4IHQ896Lor2tKOqX4ev8AkzNbU797tLp765a4QbUmMzF1HPAbOR1P50Tanf3MkUlxfXMrwndEzzMxQ8cgk8dB+VaGmRW0mrKNPZgJbK4zHM4/dN5UgwXIUHgA5wAN2O2azb2GO2uTBH5haL5JGdSuXB5wpAIHbnnjJxnAely4uDny8utv8wm1C8uJvOuLueWXYY97yFm2kEFcntyePc1C0juqK7swQbUBOdoyTgenJJ/GrWj6f/a2uWGneb5X2y5jg8zbu2b2C5xkZxnpVpry01bxJbG/32Ok+esQjjO77Lbb+VXjkgEnOCWbLHJJypPlVzZRS0RlxyPFIskTsjoQyspwVI6EGppdQvLi5S4nu55Z48bJXkJZcHIwTyOea6qw8Mw6Zr1nZ6mvnXnmX29VMbRKkKsqTYkKKVEscpKuwBEfIwfmp+J4YTo+l3ivaXM00k6Pd2NvHBC4Xy8IEUK25dxJLxoTvGNyhTXJHFwnUjCPXr9//wAi/wCrlOmt2jBm1C8uJvOuLueWXYY97yFm2kEFcntyePc1C0juqK7swQbUBOdoyTgenJJ/Gp9Ona31GCRHt4zu277qATRoDwSyFWyADn7pPoM4ra12YWGoaZfWi2M0stoZHnjs0+z3DeZKm5YWQAAKoXBRfmQtg5DHeVRxmopb/n93/B8hKKS0MSbULy4m864u55Zdhj3vIWbaQQVye3J49zUMcjxSLJE7I6EMrKcFSOhBrd8U3JP2KxngtEvLaMvdvb2kUBEj4PlkRqv3FCghhlX8wZIxUPhO0S98SQI6QyeVHNcLHOVETtFE8iq5bjYWQBskcE8jrUqtai6slsm/u/zBQS91GdLqF5cXKXE93PLPHjZK8hLLg5GCeRzzTbm8ub2QSXlxLcOBtDSuWIHpk/Wum1ydLex0jWNPurSS8ElxazS2VksEEoUI33Nq78rOUbcgBA27SBubG8Q2kFnrUi2ieVbzRxXMUWSfKWWNZRHk8ttD7cnrjPGcVVGp7WHNa2/4O3kLkjF6IrNqd+92l099ctcINqTGZi6jngNnI6n86hnuJrqZprmWSaVvvPIxZjxjkmo6K2EoxWyCrmq6h/al817JFsuZ8vcsGysspJLOBj5c8EjkZzjAIUU6KCizDqV9b3sd5b3txFdRqESdJWV0ULsADA5AC/Lj04qTUNY1PVvL/tXUbu98rPl/aZ2k2ZxnG4nGcD8qpUVHs4cylZXQ7smu7y61C6e5v7ma5uHxvlmcu7YGBknk8ACmSzSzuHnkeRgqoGdiSFUBVHPYAAAdgBTKKpRS0SEWZdSvp9RGoT3txJehlcXLysZAy42ncTnIwMHtgVPJq9xfajHd67LcaqY12hbm4YlgMlVLHJ27jkgEEjOCpORn0VKhFNNLYCa8u57++nvLt/MnuJGllfAG5mOScDgcntUNFFWAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFPhhluJ44beN5ZZGCJGilmdicAADqSe1TX+m32lzrDqdlcWcrLvEdxE0bFckZwQOMg8+1ABp+oXOl3q3dkyLKqunzxrIpVlKsCrAggqxGCO9Wk8Q6pFrFvqkF15F3a48hoI1jWIc/KqKAoBy2QBg7mznJy/wANW9tcayRe26XMUdpdT+S7Mqu0dvI6glSDjco6EVft9EtNdbT7qExaRDdSXKXCgSSRwLbxJK8igkuco33ST8ynkBgFAKcvi3W5JIGF75It42ihjt4khjjDNuJVEAUNuAbdjIZVIOVBFb+3NSxCDduRDBJBGGAOEdPLYcjklMLk8hVUA4VcareFILrSf7R0TUJr6Mxtsha0KTGZZoYzHtDMORcIwKk56YBplp4Rll8hb27SyaVrsMXQuiLBbpMH3KTuVg4wVB4wRuyBQBkx6rdxyWj5ik+xxmKBZoEkVVLMxBVgQ3LseQcZ9hi7L4s1iTWINVFxFDfwSNKtxb2sULMzfeLFFG/PfdnOT6nLLqAaHd2V7p8qXUFzAZ7drq0QkrueMh4m3rncjY5bjaeDwL9/o0F/8SdV01JYtPtI726ZpBGSsEMZd2IRRzhEOFHsOKAKFx4n1a5ntJJLlFFmrJBFFBHHEisTvHlqoQhskMCPmHByOKfN4t1ubWLLVDe+XeWEaxW0kMSRCJFzhQqgLj5iMYwQcHjin3WgWzJpc2j6g93BqU7Ww861aOSKVSuVZEL7hiRCNpYnJGMjFP1Dwnc2esW1kpmiFzbNdA30BgkiiTfvaSPLEYETtgFiVxjk7aAK03ibU7h7YzvbyJaM7QQNZwmGMuAGxFt2YO0HGMZy3UkkvPE2p316byd7cXDLMryxWcMTSCVSsm4qo3Egnk5IySMGtbZodjpuhXsMk1xbrqNy00lxpyFn2JbssbR+bh0ye7j77cetW60Vb3x9q2mPcW9msM94xlSArEgiEj8IMlV+TGBuIHrjkAraLr8lhqlnNd/vYbW2mtYx5SP5aSrICdrcPgys21uG+6SB0PEGoWF99nFku+SPd5lx9his94ONqeVESvy4Y785O/B4UU//AIR6KTUbRLa8drK6tJb1ZpIQsgii8zzMxhiN37l8Ddg/Lkrk4h1rTLHT7bTptPvbi6W+gafE9qsJRRI0YHEj5OY2/DHXJwAZsE7W8yyxiMsvQSRq69McqwINWp9YvLi7W5kaITKWJdLeNN+7727CjdnuGznJ9TVWCdreZZYxGWXoJI1demOVYEGr2p2ofxTeWluqxhr14kVUOF+cgABQT+AH0FLqZS5ef3l03I7jWb66uEnmmUvHAbdNsSqFjIKlQAAOjEfjVWCeS2mWWFtrr7AggjBBB4II4IPBBxWpJoDR6pFayyyW6S28lwrXMBR0VFc/OgyRyh6Z4IPtVOSyja8t4rO485LnGwshDqSxXDIu4g5GcDJIIPfFGhMZUrWjtbt01/4I2/1K61OSN7x1cxRiJAsaoFQZwAFAHenLq1+uoRXq3UguYfuSZ5Hr9c5JPqSSc5NWLnRvsmq2drcSyW8V1tO+5i8t4lLlSXUnjG0nr0weM8SW3h2aa9t7SeTyJ5ZpkdNhcosQyWAXJbJDgAdShGfQ0J56Cj0tbt06lN9UneaOVo7UNHnaFs4gpyMcqFw345x2qR9au5dQjvZRA1xE5kV1gRDvPO47QNxBwec8+oJBsahpkmh/ZLuPzCJt4Ed7ZhGVlwDlG3KRhgQcn8CKq63GkXiDUI4kVES6lVVUYCgOcACjQI+ym1ypWs/8mUasG+uWvZrsyfv5vM8x9o+beCG46chjWld6bEupWukRuqyxRn7S6qrM0xBZkXBO4gbUC5ALA9Mk1TudPEeqR2UP2kOxVSLm2MbqzHj5FLE8EHjk56UXRSqU5/d+H/BKsE8ltMssLbXX2BBBGCCDwQRwQeCDirV1rN9ek/aJlIMC2+FiVQI1YMFAAAGCB0qxNYJo2r2jXglELAThJ7X58BiMPEWA5K9N33Tn2qHUGaw8RXnlrBuiuJFC+Qpj+8RwjZAHoOcUaMXNCck0ru2jGrrOoJdpcpcssyTvcK6gD53xuPTvgcdPbmg6xeeYskbRQuoIzBbxxZzg87VGcEAgnoQCMHmjW40i8QahHEioiXUqqqjAUBzgAVFpthLqmq2mn27Ist3OkCM5IUMzBQTjPGTRoVGFOUVLlQ+LVr+Ga2miupFktf8AUsD93jH48ADnPAA6ACnTazfTtGXmUCKN4o0jiVERXBDYVQAMhjk4z+QqwwsdW8SW1pbOmn6a0628U0qKGjiL48yU5+ZsEsxzjsMKAAXuhtpSW/8Aa0j28r3c0E0CoHeNIyqmRfmAcFjIo5AJjYZ64zlUhGSg9/6/r/hy/ZQevKv6/wCHM2CeS3kLwttYoyE4B+VlKkfkTRLPJPs81txjQIpIGdo6Anvjpz2AHQCtLxLa2lnrKx6bC8Fs9pazLG8m9gXt43OWwMnLE8AD0AHFQ6Lpi6rqIhnuksrVFMtzdyIWWCMdWIHUk4UDuzKvehVYukqr0Vr/ANWL5VzeZShmlt545reR4pY2DpIjFWRgcggjoQe9WdVuba8vmurSH7P5+ZJYFULHE5JyseP4O4BAIB2843G74rgsoPEDf2VafYrSW2tp47fzWk8vzII3I3NyeWPNZMIiaeMXDukRYB3RAzKueSASMnHbI+op06inTU7Wurjas7F19d1KXUY7+W7eS5jXYruAwKnO4EEYYNuYsCDuLMWyWOWahq13qfli6MKpFnZFbwRwxgnGW2IoXccAE4yQoHYVf1qLTdN8Rx+RYu1l9ktp1tpJySWe3R8M4AJG5snbtyMgbeCJ9TWHT4NK1BtHt7K5ulkkNiyyNFLbEBUk+dmYFj5oyGBAVWXacMeeEqV4NQtdabaaXt/w2g9dTPu/EOo6hrz6zfyQ3N8+N7zW0bo2F2DMZXYeAO3v15qG51a7u76K7nMLPDjy4xBGIkAOdoiC7AuSSRjBJJOcmn63YRadq8sNsztbsqT25kIL+VIgkQNjjdtZc44znHFZ9dCpU42tFaK23Tt6Cuya8u59Qvp7y7fzLi4kaWV8AbmY5JwOBye1XbrxFql74jXXrq636kskcon8tR8yYCnaBt42jt2rMoo9nDstrfLt6aILs059WOrX1tJrZzb28ZjWOzgihwoLOEUKoVcsxy2DjcThsYNXUb+XU9RmvJ1RGlbIjjBCRr0VFB6KoAUDsAB2qtRVRjGKtFWQgoooqgCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC5pWpPpOoC6SCK4/dyRNFNu2usiMjA7SD91j0Iq7B4mubTVLW7s7a0ghtd4jsRGXgIddsgYOSW3g4JJJxgAgKoFbRbCLUb+SGdnVVtLmcFCAd0cDyKOe2VGfbNXLDw62qaXZSWciJdXE94refIEjCQQxy9T0JDNyTjp05NAE0fjS+tTbLplpY2EFsreXBBExXeXSTzCzszMweOIjLEfu1GNuQax8Uagy26v5TC3tpbdcp94SQCAscH7wjVFHb5ASCSxZ8nhacPZNa39jeWt4srLdQO2yMRDdLvVlDgquGxtyQRtznFPPhKV7qxgs9U0+6N9bTXMTo8kahIg+SzSIoXJjcDPHGTgYNAFAaqXOni7s7e6isYGgSGQuFkUu75YqwOQ0h6EdB75vzeLZX8RLrUGl6fb3ZklknCpJJHc+ZkOrrI7DBDMMLjhj7YoXmkS2t3bQpcW9xHeKHt7hHKRyKWKZzIFKgMrAlgPuk9MGnz6FcpfW1vavFeLdRmWCeElY3QFgzZcKVClHyWAACk9OaALMnimcvZLa2FjZ2tmsqrawI2yQSjbLvZmLksuFzuyABtxjNPk8XXJ1jTr+30/T7YafbfZY7WOEtC8R37ldXYltwkcMc5Oc9easjR9Is7TRbie+sbyKW/nF1OrXCRtHGsLCI/u94J3MNyofvjnjinc6DLdeNNR0iyS3tWhnudsb3B8uNYg7FfMYDgBCAzY7E45oAZP4hFxHZ276Rp4s7OSWSO1QSqpMiqG3MH3tygIJbPbO0BQ+88TyXerzanHplja3Vwtws7Q+aRKZ0ZHJDSNggOxGMDJ5B6VC3h6f+0be2huLeaK4ga5ju0LCMxJv3vgqHwvlyZG3J2nAORlmr6MNKhspV1G0vUvI2ljNsJRhQ5TJ3ovVlYf8AAfcZAL/h7xGbHW9LmuikaWNpPaxSDeNvmCYhnKHdgPNyUwwUcc9WeK7yzv7qK5juIrm+fP2iW2e4eJlAUJzcfvC/DA/w42Y53VjWts93cCGMqpwzMzdFVQWZj34AJ4yeOAamXTxNqVvZWt3BcNcOqLIgcKGY4wdyg/pQS5xTsyvBIsMyvJDHOo6xyFgp477SD+tXp9ZabUjerZ20MrmQzbN+Jt4IYHLHGQSPlx1+mJLbw7dzW7T3EkVlGolLG63JjyyitxtOfmcAAdwR1o1Dw9PYXCQm7s5naR4iUm2qjoFLAs4UDhh368deKV0YOpRlOzeuv/B8iOfWpZriKWO2toBDatapHErBQjBgTySSfnJznr1qna3L2lwJowrHDKysOGVgVZT35BI4weeCK1tR0ndr/wDZNnFaw+W7qJvtGdyLnLyHcQpAUkgAd+OgquNBmkktxbXVrPHcJKySrIVUGNSzK24AqcY6gDkc4paCjOjy9rr8Nf8AglfUdRbUXgJt4LZLeEQpHApChQSc8kknLHJ71MddvG1SK/cRPJGGXY0YKOGLFww77i7k/wC8cYGAI/7KlbULS1ilikF4VEMylgjZYpnkAjDAjkdvpUdxp1zaWkVxcxtEJZJI1V1KtlMbuCPVsfUH0p6F2pO0f613HPewNNG66ZaoqZ3Rq0u2TI75fPHsR75qafVo7nVFvptPtg/mNLIqF9srk5+YMWGM9QMZBI44Iku9I8m4tbBdq3XkGe6Z9w8rIL4II/hjAJABOSw54ArxaZ9p1KKztLu2nMgLGUFkRAASxYuoIwASeOlGhKdJrm8vPYrpcf6Wbi5jW6LEs6zM3zk9yQQevPWrB1WX7XFNHFFGkUbQpAoYoEbduXJJbne3Oc/NwRgYmGgzSSW4trq1njuElZJVkKqDGpZlbcAVOMdQByOcVD/ZUrahaWsUsUgvCohmUsEbLFM8gEYYEcjt9KNCualLf+v6189x11qou7m2klsLURW0PkpboHVCuScnDbs5YnOee/ei71RLzUPtc2nWu9nZ5VVpQsrN3Pz5HPPBFFtYCGa2m1Hy44DcPFJHMXUgxhSyttUkZ3AcAkH0ouNPZ/EVxYQpHBi4ePG8skShjkliM7VAyWI6DNGhK9mnp0T/AOCR6lqA1K5a4a0gt5ZHZ5GhL/OzHJJ3Mcd+mOtQ2d3PYX0F5aP5c9vIssT4B2spyDg8Hkd6sRaZ9p1KKztLu2nMgLGUFkRAASxYuoIwASeOlNvdOazhgnW4guYJ9wSSFjjcp5UhgCCMg8joRRoaRlCNoINV+xNfNNpfyW0+ZFtzuLW2Sf3RJ+9js2TkYJwSVE+pa7daxqUN5qSQzmLrEQVR8u0j52kH5nd2OCMbiF2gAClaWz3l3HbxlVLnBZuFQd2Y9gBkk9gDViLTPtOpRWdpd205kBYygsiIACWLF1BGACTx0qZQi2m1qi3UUdGyXWtZGtTQynTrSzeKNYs2xl+dURUQHe7dFUDjGe+afceJL5tcn1TTCmiyzqEMelbrdFUADAAPAJUEjPXmmjQZpJLcW11azx3CSskqyFVBjUsytuAKnGOoA5HOKdZaNHNrVna3F5EILoqUmTf+9UvsIX5cg5DD5gBx6YzmqNNJK2iVu+n9Ih14Wbv/AF/VxmteIdT8QTQyardzT+TGscavKzKuEVSwDE4ZtoLHucmmahqq6jrjai+nWMCsyMbO2jMUGFAGAoOQDjnBByTyKbHpn2i/W1tLu2nLRvJ5gLIg2qWIJdVxwvXpz161HcWDwTwxrLFKk4DRSq21HG4rnLYx8wI5x0z05qo0qcElFWsrF+1i3a5pXPiVLrV7PUJND0zdaqieSRM0cyoiogdWkOQoUcDGf4t1Gra2ninXPtmqRW+nySsz3NzD50jScdNru3OBtUDavIBIHIonSpTfW9vHLFIlwN8c6lgmzJDMcgEBSrZJHAUnpzU2n6XbXWuW1k+owNFK6AyRrIM5YDaMp976jHvURoUoNSS1SstXt/X9aClWik389ivq2of2pqk10sXkxttSGHdu8qJVCxpnHzbUVVyeTjJ5qnVwaeJL1be2u4LgFC7SoHCoqglidyg8AE8A+2TxUNzBHBIFiuorkEZ3xBwB7fMoP6V0DU03YhoqaztJ7++gs7RPMnuJFiiTIG5mOAMngcnvWg1hbal4kttJ0NkKSTraQ3MhYfaGL7RKwP3QSfugcLgHcQWKlJRTb2KMmitNdK+xRwXWsLNHbtczW8kEY2zB4lQspDDC5Mirnkj5jtOMF+rWdimnWV/p8dxbLdNKv2a5mWV9qbcShgifKxZlHy9Y25PIGXtouSS69enX/JjsZNFTWn2b7Uhv/ONuMlxDje2BwoJ4GTgbsHGc4bGDoatZ2KadZX+nx3Fst00q/ZrmZZX2ptxKGCJ8rFmUfL1jbk8gVKoozUWt/wCv0Cxk0VoaHYRajq8UFyzrbKrz3BjID+VGjSSBc8btqNjPGcZ4q/4l0FNKtbC7hs7uwW58yOS0vpleaKRCCc4VcKUkjIDAHknGCpMSrwjVVJ7v/g/5MLO1zAoqa0s7m/uktrC3mubh87IoULs2Bk4A5PAJq7LoV5p91BHr9td6THPuCS3Nq6jIHXBAJAJXJGSAcgE4B3EZlFTXdpPY3T290myRMZAIIIIyGBHBBBBBGQQQRkGn6bYS6pq1pp9uyLLdzpAjOSFDMwUE4zxk0pSUU29gK1Faa6V9ijgutYWaO3a5mt5IIxtmDxKhZSGGFyZFXPJHzHacYL9Ws7FNOsr/AE+O4tlumlX7NczLK+1NuJQwRPlYsyj5esbcnkDL20XJJdevTr/kx2MmirukaXPrOqQ2Nq8MbybiZJ5AkcaqpZnZj0VVBJ9h3qz4msLHTtdeDSGuGsmggnhN0VMm2SFJMNt4z8/an7WPtfZdbX+WwW0uZNFaGh2EWo6vFBcs62yq89wYyA/lRo0kgXPG7ajYzxnGeK1tZ0a20X+zb6XTLuG3ufNinsL25HnxuuMnKquz5JI2Xcuc8lWXG6ZV4Rqqk93/AMH/ACYWdrnM0Vc1bT/7L1Sa1WXzo12vDNt2+bEyho3xn5dyMrYPIzg80atp39k6pNZfbLS98rb+/s5fMifKg/K2BnGcH3BrcRTorW8M6ZFrGupZzxXE6mCeQQ2rASSMkLuqKSrckqB0PWprzRV/t+2097W48PCdRzrUhwCSQGLCJcKSMZ2kAgknGcAGHRXS6X4SEniDStO1q+isJL2RRLausq3EQMgQIR5ZCuwJZc8YwTgEZoQaCb3V00/TdSsbtmgkm85WeKNdiM5UtIq4OE6n5eRkjnABk0VoXmkS2t3bQpcW9xHeKHt7hHKRyKWKZzIFKgMrAlgPuk9MGpj4enOq2dnDcW80d6vmQ3alhF5YZlaRtyhlVSj7iVGAhPTBIBk0Vv6P4fsb/wAV2Gly63aSW9xJGrTQLMN25wpjXdFkPg5BI2+p7VWtrPT7bX7OO51GxvbLcsk0i/aEjKgkmMny94JAxlVONw98AGTRW5c6DLdeNNR0iyS3tWhnudsb3B8uNYg7FfMYDgBCAzY7E45qFvD0/wDaNvbQ3FvNFcQNcx3aFhGYk373wVD4Xy5Mjbk7TgHIyAZNFaer6MNKhspV1G0vUvI2ljNsJRhQ5TJ3ovVlYf8AAfcZz4YmnnjiQoGkYKC7hFBJxyxIAHuTgUAMorZTwzcz6pBZ2tzaTLc20lzBc+YY4pEjVyxy4UrzE6/MFGRnpzTD4enOq2dnDcW80d6vmQ3alhF5YZlaRtyhlVSj7iVGAhPTBIBk0Vv6Tolpc+IPsK3tpqKPZXMiyRPJFGsiwSMmWkVMYZVJJ+XHU9ahi0u3sNc0/wDtG5tJ9OmxOJ90qxTxBiGGQnmLlkZM7M556YNAGNRWzeaO83jmfRLSOK2d9Ra0ij81njiJk2AbyNxA9SMkc4osvC+oXs1tF+6tnnuZ7dhcv5XkGFFeVpMj5Qqvk9/lbjpkAxqK09U0R9MtbS7jvbS+tLveI57V2wGQjcjK6qysNynkchgRmsygAooooAKKKKACiiigAooooAKKKKACiiigAooooAfDNLbzxzW8jxSxsHSRGKsjA5BBHQg96mv9SvtUnWbU724vJVXYJLiVpGC5Jxkk8ZJ496rUUAXNK1D+zNQFwYvNRo5IZEDbSUkRo3wcHDbWODggHGQeldHpeu6U11aWcVi9lp1raagz+beBpZ5JbZlP7wqFUkLGigJ1/vE1zml6f/ad48Hm+Vstp5923OfKieTHXvsxntnPNWrTw9d6jp9nLpyPc3F1PcxLbIvzYhjjkJHPJIc8Yz8vGScUAa3h/XbOHxBZxJB9m02CO6EUNxMjs8s0BTLyMmz5iI1yUCKACR94l+tahDYanDepsaWS0ubU2Ud3BMkCPEyK6vAixqCZHPlhQcqST8+axrjwxq1tPaRSWyMLxWeCWKeOSJ1UnefMVigC4JYk/KOTgc09/CesLdWttHbxXM15HJLbpa3UU5kVASxGxj/dYD1KkDJGKAKWk6h/ZeqQ3nleZ5e4YDbWXKkbkbB2uudytg7WAODjFdBfeNY7vxFp2otp800NpZGymhvL15pLlG8wSFpcAhiJWxjgHGBjiufudJvbW+is3h8yafHki3dZlmycDYyEh/mBX5SeQR1BFFzpN7a30Vm8PmTT48kW7rMs2TgbGQkP8wK/KTyCOoIoA0LjWNKntLGwXSriOxtJ5pmC3oM0pkWMcuY9oIMY6IARgYzljNe+I7GbxDdavZabcQy3i3YnSW7WRd08bplcRrgKXJwc54GR1p6eF47ePR21CeI/bL2aOc2+oW7KIY1iY7ZN2xXw78M393jnmhcaHczeKr3R9JtLiSWGedI7dyrS7Y9xIO04LBVPC5yRxnigDS8Oa5Aut6QLuNEjsrC5sxvddsrSCcrkupVQWmC5YFR1bjIqHxd5Lz20ySIkpVkNpHcwXCQoCCrK0CrGoYs/yAAgqWOd9Zr6Jfx6jHZGJGllXfG0cyPGyDOXEgJTaNrZbOF2tkjBwanot7pCW73v2fbcqXiaC6imDKDtJ+RjgZBGT3B9DQBVtJUgu45ZBKQh3DyZPLcEdCGwcYOD0q1eXDazqEflja2zaHurhS74ycvI20E84HTgKO1U4IJLmZYoV3O3uAAAMkkngADkk8ADNTNp1wL6G0XypJpiqoIp0kBJOANykgc+ppGUuTmvfWxpaxq/m317GBHIJITAZI2+XcZhM7L1yu/cF6fKVzznNPU9U/tHf+58vddzXP3s48zb8vTtt69802y0a+1GMyWkKsih2LNKqABNu4ksRjG9fz9jUl34e1SyuI7ea0YzSFlWOJlkYlQGIwpJHDA/Q0tEZQVCDUbq68/vBdXA8Qzak9ssiTyStJAznlJNwZdwwejEZqQ6xBFHDDZ2TRQxRzqRJNvd3lTYWJwBwNuAAOnvTtQ0SSLWU0qzsro3W9kBlIxOAcB1G0bVOCeSRjvxmq7aFqImgiW381rhHeEwusiyBQS21lJBIweBz+Yo0EvYSSbfTv018+1yNpG1AWVrGsaNBCYg0kqorfO75JbAH3sde3vir2rX8F14gV7tVngtyQ4hPyzNvZ3AbP3S7MA3UKQcEjnPbTbpb6G02K0s5URbJFZXycDDA7TzxnPUEdqhaCRbZLgr+6kdkVsjllAJH/jw/OmacsJSTT7/AIkyXpfVDe3Zld2kMrtDIIn3k5yDggc89KvJr7R65BqCxSP5KGM+bOTLIpDAlpBg7sMQGA4AXriqt1pxt1sokDS3VzGJTGhDY3n5FwOckYb/AIGBgY5sNoNwYLJIFWe7up5I1SCZJVwqoRypIH3mzk8AA8UaES9i7c3W6+Q6fXfNuEkzfTbYZosXd552PMQpkfKMYzk+uB0rHrQbQtRE0ES2/mtcI7wmF1kWQKCW2spIJGDwOfzFDaFqImgiW381rhHeEwusiyBQS21lJBIweBz+Yo0RUJUYaRa+/wBf+COvtVTU9QjnvbdvLUNuSGTaSWZnJDEHHzOccHjA5PNTSazanXDqUVhJ++eU3EMtxuV1kBDBSqqV4Zuee3pzTXSr19QisoofNnm/1YidXVx6hgSCBg5OcDBz0NOl0a+intYmhVjeHbA0cqukh3bcBgSvXg88UaC5aGiv079PvJLPU4NN1iG8sbaUJGCGjluMs24FWw6qpXg8HsefajUNXe7kgkim1DfCSytc3nnFTxgqdq7en8vSqstjPDcpb4jllkxsWCVZcknAHyE8+3WrVnolxc6vBYyPFEZiuJPOQqVLbcqd2H5zwpJyCOxo03G1RT9o3079BtvrFwuqR3l+0l/tRonWeViWjZSrLuzkcMcehNFvf2tlqkdxbWcjQBGSSGefcXVlKsNyquPlbjjg889KbDp+zVILa7eLY5Bcw3UR+TPOH3bQcA4BPp60SabNLrsunWMEryCdoo4mIL8Ej5iOOAOT06npRoDVJtry76WLB1iCKOGGzsmihijnUiSbe7vKmwsTgDgbcAAdPeq6ao8U2mzRRqH08DbuOQ5ErSAkcf3sfhTm0LURNBEtv5rXCO8JhdZFkCgltrKSCRg8Dn8xVW5tZrSQJOFyw3KyOHVh0yGUkHkEcHqCO1GgRjReid/nfv8A5ssR3ltbXhls7eVUaCSIpLMHOXRkzkKOm7OMduvNQ2N19ivY59m/bngHBGQRlT2YZyD2IB7VHbwSXVzFbwLullcIi5AyxOAOasLpV2+oRWUKRz3E33FgmSQH8VJA6ZOTwOelGhbVNXTfTv0NC58RLPq1pdm0kkjgtzbSR3Fy0jTK28MS+AQSHP0+nFZ63kNrqVvd6dBJH5DrIEnlEmWU56hV46cfrUjaFqImgiW381rhHeEwusiyBQS21lJBIweBz+Yp1nolxc6vBYyPFEZiuJPOQqVLbcqd2H5zwpJyCOxpaGS9hBaPS3fpr/wSFbizi1CKa3huo4o+cC5Hmbh0IcIMdux6fkanf/2hcrLtkG1Au+aTzJH5Jy74G484HA4AHagaVdveraQpHPO6F1SCZJcgAk8qSM4B46/mKjlsbmG5SBo98kmPLETCQSZOBtK5Dc5HHcEdRT0NF7PmTT1t36C6bfy6XqtpqFuqNLaTpOiuCVLKwYA4xxkU/Vba2t75jp03nWcuZLcswMgQk4WQDo4xgjGMjIypBLW026W+htNitLOVEWyRWV8nAwwO088Zz1BHarFnok11q8Fg01shlK5dbmNwAWxxhsE/7IOTRdFOpBK7Zd1DxLBrXiG2v9Y07zraLcZLWKcx+aWkeVxvwSFMkjcAZC4Gc/MWeKtfg8Rail5Ba3FqVXyxDJcLJHFGPuRxKsabFUZ45znPXJOa2nXC3aWw8qSRxuHlTo6gc5JZSQMAEnJ4HJ4qO5tZLSQRytExIzmKZJB+akj8K544alCUZRWqVlq+vkX7RPS+5oS3+jSeJhepojxaUGVv7NS8bJAUAjzSCcFhk8ZwSARwam8Va/B4i1FLyC1uLUqvliGS4WSOKMfcjiVY02KozxznOeuScaGGW4njht43llkYIkaKWZ2JwAAOpJ7VoXGlo+uRaRpL/bLgyC28xZF8ueYttzGegTJABJ5A3Hbnar9jTjJVHvFWu29vm/vb1Ku9izDr9tp/jCPWNE099PtUYYs0umZghTbIolI3AsC3zDld3HQVW1XUra6tbSz0y1mtLO23v5c04md5XI3OWCL1VY1wBgbM9SSYbbT98dvc3sv2axmkkj88LvOY1VmUKDkth1AzgEsMkDJE2pabbW9jbX+m3U1zaXEkkINxAIZA8YQt8odxtxIuDnOc8DAJhRoxqR3vsnq9r7vq999R62KVpdSWV0lxCsTOmcCaFJV5GOVcFT17irsusm8uoJNSs7SaOHcRFb20VqHJHAYxKpIyBkdcZAKk5qlaRQTXSJd3H2aHkvIELkADOAo6scYAJAyRkgZIu6lpttb2Ntf6bdTXNpcSSQg3EAhkDxhC3yh3G3Ei4Oc5zwMAnd1IqSi93/W+wrFK7u5766e4un3yPjJAAAAGAoA4AAAAAwAAAMAVDV3SNP8A7U1SG1aXyY23PNNt3eVEqlpH25G7ais2BycYHNWdY0eKwsrC/sZri4sb5X8uW4thA29Gw67dzZABU7gSPmx1UgJ1YKapt6v/AIP+TCztcs6h4lg1rxDbX+sad51tFuMlrFOY/NLSPK434JCmSRuAMhcDOfmLPFWvweItRS8gtbi1Kr5YhkuFkjijH3I4lWNNiqM8c5znrknDqa0tvtd0kHnRQl8hXmbauccAt0GTgZOAM5JAyREcNShKMorVKy1fXy2DmZpya+lrrF5deHrCHTbS6jERs5gt2gUbSQfNU5y6BunFM1/X5tfuYJZre3gEMEcQEMEcZJWNEJJRVyCUyAchQcDisyaGW3nkhuI3iljYo8bqVZGBwQQehB7U+ztJ9QvoLO0TzLi4kWKJMgbmY4AyeBye9NUaUGqltUt3vbzb9N2F29DWh1+20/xhHrGiae+n2qMMWaXTMwQptkUSkbgWBb5hyu7joKZc3Vtqv2HTdNj/ALNsoPMkY3l0JPnbl5GYIv8AAiKFVSTsGAWbmnbafvjt7m9l+zWM0kkfnhd5zGqsyhQclsOoGcAlhkgZIm1LTba3sba/026mubS4kkhBuIBDIHjCFvlDuNuJFwc5zngYBOajRjUjvfZPV7X3fV776j1sM1u/i1HV5ZrZXW3VUgtxIAH8qNBGhbHG7aq5xxnOOKj1a5srzVJp9K0/+zrR9vl2vnNL5eFAPztyckE/jimadp15q+owWGm273F1O22ONOpP9ABySeAASateIdKg0bWpLO0vft1uI4pYrnyjH5iyRrIDtJJHDd639pD2ns762v8AL+vv+TFbS4zRdRi0vU/tFxA9xE0E0DxpII2KyRNGSGKtggPnoelWbTUtFsdYS8i0aa5hijJjtb27Eimb+Fn2xruQcfJxnHLY4qnpGn/2pqkNq0vkxtueabbu8qJVLSPtyN21FZsDk4wOav3uj2Nimm33nX0+k36yBZ2tlhkV0JVsIWYOFyjcMA2Su5SCVTqwU1Tb1f8Awf8AJhZ2uPPil3k0y/mtfO1rT7lZft8szN9pVW3KsqnlmB4DBh8uFxwCK0Op2NhqbXGmWVxHE1pPbmO4ulkbdJE8e7cI14AcHGO3XnilqNhLpmozWc7I7RNgSRklJF6q6k9VYEMD3BB70/VtJvdC1SbTtVh8i7h2+ZHvVtuVDDlSR0I71qINJ1D+y9UhvPK8zy9wwG2suVI3I2Dtdc7lbB2sAcHGK6C+8ax3fiLTtRbT5pobSyNlNDeXrzSXKN5gkLS4BDEStjHAOMDHFYei6dFqmp/Z7id7eJYJp3kSMSMFjiaQgKWXJITHUdaemlxajrFvp/h6aa7e4wqfa0jtiX5+UZkZfTHzAknGOmQAj1K20/XLPUdEtZofskiTLHdzibc6tuGSqJxwOMZ68+jHm0c6jG8djfLZBcSQteoZGbnkSeUAB042noeeeLmjeFb3VtQ0qFpLe2i1Jv3UklzEG2eZ5bMELgk7s4Xq204zg4rL4e1GTVE062jiu7uSNpUjtLmOfcFVmIBRiN2FPy5yeOORkAv3viOxm8Q3Wr2Wm3EMt4t2J0lu1kXdPG6ZXEa4ClycHOeBkdam8Oa5Aut6QLuNEjsrC5sxvddsrSCcrkupVQWmC5YFR1bjIrDudJvbW+is3h8yafHki3dZlmycDYyEh/mBX5SeQR1BFSNol+uq22nCJHuLplW38uZHSUs20bZASpG7IyDgEEHkGgDS8XeS89tMkiJKVZDaR3MFwkKAgqytAqxqGLP8gAIKljnfWTpOof2XqkN55XmeXuGA21lypG5GwdrrncrYO1gDg4xWhpvha6v/ABJaaQ91YxtcMmZUvYJVVWcLwQ+GbnOwHcfSobbRfL1+zstSltzFIytK1tf27AR5O7Em/wAtWwDgMRzj1FAGlqvjFdQ1e2vUtLjFvpcun/6VemeSQyJKpkaQqMnMucYxxgYGMY+iamuj6vFeSWqXcQV4poHYqJI3Qo67hyCVY4PY4PNTXGh3M3iq90fSbS4klhnnSO3cq0u2PcSDtOCwVTwuckcZ4qF9Ev49RjsjEjSyrvjaOZHjZBnLiQEptG1stnC7WyRg4AJodTsbDU2uNMsriOJrSe3MdxdLI26SJ4924RrwA4OMduvPDH1K2uV0uK/tZnt7G2aB1hnCNLmWSQEMUYLzIBjB+72zwzU9FvdIS3e9+z7blS8TQXUUwZQdpPyMcDIIye4PoapQwy3E8cNvG8ssjBEjRSzOxOAAB1JPagDT8RanY6zqs+oWVlcWkt1PJPOst0sylnbdhcRrtAJPXPb050v+E4nPi601xrNM26yq0KSshcStI0uHXBU7ppNpHKjb94gk5S+HtUk1RNOgtftFzLG0sS28iyrMqqxJRlJV/uMPlJ5Ur1GKY2iX66rbacIke4umVbfy5kdJSzbRtkBKkbsjIOAQQeQaALPiDXf7a+z/AL7VpPJ3f8hLUftWM4+78i7enPXPHpWNW5p3hua410aZPsmlktJ5olsbiO4LukMjouYywyWQDb1wfcGobbRXi1+zstU2JBKyu8kV1CFeLJ3FJWbyyflYA7sbhjqMUAZNFad5pMn/AAlc+j6fDN5n21rWCGd08zO/aqsQdu7oCQcZ9qZYaHqWpvaJp9o87Xs7wQKhGXdArMOvAAdSScDGeeDgAz6K0NT0S/0dLeS+iQRXSloJoZkmjkAOG2uhKkg9RnI4z1rPoAKKKKACiiigAooooAKKKKACiiigB8MrQTxyoELRsGAdA6kg55Uggj2Iwamv7+bUZ1luEt0ZV2gW9tHAuMk/djUAnnrjP5VWooA0NFv4tO1PzrhXMUkE1u5QAsqyxNGWAOMkB84yM4xkZzXS6PeaO81npenyXzW9vaanPc3U8KK5aS0ZSEiDEYVYl6vySegrk7Cwl1G5eGBkVlglnJckDbHG0jDjvhTj3xT10q5fTYb2JfNSaSaMJGCWHlIjuxGOgVwc+xzjFAHTeG9Q0/8Atyx0u3E09hFHfNunixLcSTWxQoI1fvsRVQPliT8w3AK/WGXRdTtrieC4tbc2F3ZwWM1obeWAPFIA2x5HYxl5id5ckkSADCgVy1zo+p2d9FZXenXcF3NjyoJYGWSTJwMKRk5IwMd6ku9B1iwdEvtKvrZpFd0Wa2dCyoNzkZHIUck9h1oANMv4odRtZNTV7m3gVkRGAkEWdxDBG+Vgrtv2HCscg8Ma6K88T6PJ4i0qeOK7lsLfTpLG6228NtI3m+cJHjRMouBMSB3IwT1Y8nd2dzYXT21/bzW1wmN8UyFGXIyMg8jgg0Xdnc2F09tf281tcJjfFMhRlyMjIPI4INAGzc3ehy6bp2lwz6gtvb3NxNNdPboWfzEiC7Y94A5jwQXP97PO0Wb7WtH/AOErv9YsZb6Vb9b4vFNbJGYmnikVACJG3AGTk8cDgHpUMfgzUUfSo9Qtr60l1C7kgMLWMjSRxoIy0oQfM4w7cAfwHn0yb3Tnt9YvLG1E1z9mklUMYGRmVM5YoeV+VSSD0wc9KAOj8NajaXWt6Jbyxuy22l3dpKhTd5zuLllRFDKWLeaqgAqSxwCODVXxlZvbSWLeVNaQiNoYLG5tGtpYFDbydjO7FGaRiGLHJDjgKKw5dNvoNRGnz2VxHellQWzxMJCzY2jaRnJyMDvkU/UNH1PSfL/tXTruy83Pl/aYGj34xnG4DOMj86AI7GZYL2OR5pIVGcvHGJDjBGNpIDA9CCcYJ69KtXEhvdUhOjxStOoGGhhEbyOCTuEaZC4GBx/dz1JrPjjeWRY4kZ3chVVRksT0AFTS2F5b3KW89pPFPJjZE8ZDNk4GARk88UjKSjzXvrY3Nc1fddX1pKJAfJaPYGyscrXAmcfhymR12A9Dxn6vqcOoeZ5KyLuvri5G8AfLJswOvX5TmqdtYXl5j7JaTz5zjyoy3TGeg7bl/MetF1YXljs+22k9tvzt86Mpux1xkc9RSSSMqdKlBpJ6r+mXl1S2Pii5v5Y5WtbmSfcqkBwkgZSR1GQGz6ZFSLqVhawwW9p9pkSOO63ySoqlnli2ABQTgDC9yeT9Kp32npbX32G3kluLpJDDKghwN4OMIQSWyc9QD045qGawvLebybi0nil2GTY8ZVtoBJbBHTg8+xp6ByUpJO/T8Nf8yx50142mw6dHO11bQlQIlJbcJHfK454DD8jWhrl5Hea9Hb3zyQ29u7mZFYkqzO0kirxjcC2wHoSoOQOmK9ncxXYtZLeVLgkKIWQh8noNvXnIqMxuI1kKMEYlQ2OCRjIz7ZH5iixXs4uSkn3t8+ppQ6v53iCTUNUEki3HmLMIm+YK6FDtznoG4B9AKtWeradYPYxxJczRQyTmZnRAXWWNUyFO4cAH5TkHHXnAppo74txM7RPPay3SqY+iIrFe/wDFsPtgg85wI7XRr+71RdPS1lS4JUOrxsPLBI+ZhjIHI5paESjRlu9Evw1X+f8AVjWtr2C7v4oluZGgS3uywWwig2boGBIVGwxwo646CqMWpW1rsgg82S3jjuMO6BXZ5YtmdoJAAwvcngnuAIbfQtSuNSisfsU8U8mDiSJhtUnG88ZC571XmsLy3m8m4tJ4pdhk2PGVbaASWwR04PPsaLIIwpXtzdNtPPXT1LGkaitlqlvNdiSaCNHiKDBKo6sDgMCP4ycEYJ69avf2xareW2+SWe1UTJIkdnFbFRImxmXYSCcev90etY9zZ3NlII7y3lt3I3BZUKkj1wfpUccbyyLHEjO7kKqqMliegAp2TNJUqc3z+X+f+fQuRPYWupROjS3MAByZYFUq2CAdu4hsHBwTg4weKvXus2p1jS7uySSRLFI9weJId7LIznCpkKDn/wDX1Oa1k9pdpFq0VzZhhuOYPnxzghWK55GOtTHSm/4SJ9LVpJNlw0JkjiLttViCwQZJwATgUaEyjTbvJ30/AhaOwF2ipc3JtyPnkNuocHngLvwe38Q/x0pdR00eI5NQQ3UsF08/nxmNY2RZAynadzAkBj1x0Hrxl3Fo0epS2cHmTMsxiT92VZznA+U8gn060TWF5bzeTcWk8UuwybHjKttAJLYI6cHn2NBTjGVry6fgzSXUrC1hgt7T7TIkcd1vklRVLPLFsACgnAGF7k8n6VRnvVeLTxEvz2sOxt6hlLea79DkEYYdfenWujX93qi6elrKlwSodXjYeWCR8zDGQORzVe5s7mykEd5by27kbgsqFSR64P0o0FGNPmsnd7/n/my5Z6oo1VLi/iUxGN4ZFtYkiOx1ZSQAAMgMTz1wBRZ3FhYaqkitc3Fq0bxykxrE4DqyHaNzDgNkZ6nj3rPjjeWRY4kZ3chVVRksT0AFTS2F5b3KW89pPFPJjZE8ZDNk4GARk88UaFShC7V7XVreRpLqVhawwW9p9pkSOO63ySoqlnli2ABQTgDC9yeT9KrxaokFzpE6Rs508DepON5EzyYB57MBVWawvLebybi0nil2GTY8ZVtoBJbBHTg8+xqa10a/u9UXT0tZUuCVDq8bDywSPmYYyByOaNCOWkldv8fX/MdBPZ2N8z28k80TW8seXiCMGeNkHAY8cjnPrxUNncpHdwteBpoogVVSN2zOSCFPBwx3bTweh6mmzWF5bzeTcWk8UuwybHjKttAJLYI6cHn2NRz281rM0NzFJDKv3kkUqw4zyDQaJRl1vdf1+ZuXGs6e+rWUiJO9rFaNbTYijhY7/MDMqr8o/wBZkD259azYbi207V7W6s2luUgkSUiWMRElWzjhm9Ov6VXezuYrsWslvKlwSFELIQ+T0G3rzkVat9C1K41KKx+xTxTyYOJImG1ScbzxkLnvRojNQpQW+lvw/p9BsT2lrqUT213ciIA7pGtl3DIII2byGBHByeQTx6t1O4t7m5VrVMAIA7+UsXmNk87F+VeMDA64z1JqOWwvLe5S3ntJ4p5MbInjIZsnAwCMnnim3Nnc2UgjvLeW3cjcFlQqSPXB+lBolFyTvd/L+v0JtH1D+ydcsNR8rzfsdzHP5e7bv2MGxnBxnHXFSX1rLourK1ncuyK3nWd7HlPNQMdki4PynI6ZyrAg4IIrPrQvtJls9WXS499xfK3kzQxxk7ZtxBjXH3yDgZA5bIGRhiO1tTU1tY13TPEHiG3lvUu7TTfMlnuVtwrSM8sjSOVBIXd8yx7zyVjUkdEEHi3VNM1W+gk0UzR2kEfkQWr2iwrbxA5UBhI5kYlmLM2CSSe+Bk2thLcvFuZLeCVmUXM5KxjaAzc9yAQdoyxyAASQDPqOkmwghuIby3vrWdnjSe3Dhd6BSy4dVbIDoc4x83BODjjjRpU6kFFvS9l08/n8/wALlXbRNKPDx8TDyH1NND3KSXSNrnbtG4YBC5LZAPYEHBxg2fFuqaZqt9BJopmjtII/IgtXtFhW3iByoDCRzIxLMWZsEkk98DGtII7m6SKa6htEbOZpg5ReM87FZvbgHrU+paa+myQ/v4bmG4j82CeHdslXcykgMAwwysOQOnpgm/ZxVWN5O6Vl2f4b/j8rhfQ0rTVNJ0fxml5o6Xb6UMxlbyON5vLePZL8v3C2GfaDkdMgjIpniHWYtRgtbeC8vr8RtJPNdagoWWSVwqkcO/yhIowMknO7tgDGhhluJ44LeN5ZZGCJGilmdicAADqSe1WtW0ufRtQNndPC8gjjkLQyB0w8auMMODww5GR6Ejml7GkqsW37yXzstL/j+IXdhNJ1OXR9UhvrYbpIt20ebJH1Uj70bKw69iPy4rT1TxM3iK6tDraTLb2284huZ5WfIHygzyOFyVA3AcZyQ2AKwKmtLSe+uktrRPMmkzsQEAucZ2jPVjjAA5JwBkkCuskfqF/LqV61zMqISqRoiA7URFCIozk4CqBkkk45JPNQwzS288c9vI8UsbB0kRirIwOQQR0IPemU+GGW4njgt43llkYIkaKWZ2JwAAOpJ7Una2oHR6xrumeIPENvLepd2mm+ZLPcrbhWkZ5ZGkcqCQu75lj3nkrGpI6IIPFuqaZqt9BJopmjtII/IgtXtFhW3iByoDCRzIxLMWZsEkk98DJtbCW5eLcyW8ErMouZyVjG0Bm57kAg7RljkAAkgGfUdJNhBDcQ3lvfWs7PGk9uHC70Cllw6q2QHQ5xj5uCcHHHGjSp1IKLel7Lp5/P5/hcq7aLg1bTdI1y8k0Gze70+eDyETVCRKFYLvOYWXBJDLweVYg5yaZ4l1m01q8glstOhsxFbQxMUMm5ykSIQdzsNoKkLjBIxuyayYYZbieOC3jeWWRgiRopZnYnAAA6kntV3XNIl0LV5dPnuLe5aNUcTWrl43V0V1KsQMjDDmrVOlGrHV81u71Wiu+nYLuxftNU0nR/GaXmjpdvpQzGVvI43m8t49kvy/cLYZ9oOR0yCMipNWvW197LTtOub7UnVpJ5brUAEkeRgoYk72CxrHDHyzcYckgYxi6dYS6nqMFnAyI0rYMkhISNerOxHRVALE9gCe1XbjRYbSe0MuqW8tldq2y9to5GjRwSNrBlVgQdpYAEhXVgGyAZ9nSVaLb95K357v7/AF+QXdhniG7gvNaka0fzbeGOK2ilwR5qxRrEJMHldwTdg9M45xmoNW/sz+1Jv7C+1/YPl8r7Zt837ozu28fezjHbFQ3lpPYX09ndp5c9vI0UqZB2spwRkcHkdqLuzubC6e2v7ea2uExvimQoy5GRkHkcEGuwk0PDOpxaPrqXk8txAognjE1qoMkbPC6K6gsvILA9R0q4+paVd6/Hd67qGsa5awwcLcqEklcElYixkfZGSclgSeThe9ZOlaa+ragLVJ4rf93JK0s27aixozsTtBP3VPQGpH0mSTUY7LSZk1iWRdyixilYkjJI2sisSAM8DGO/WgDYm8VQXeq6X4hvUuJ9etbtJbvO1YrtEYFGBH+rYABCApBADdcg0LS70zStWeWznu7q3eyuIS0tusTB5IZIx8odhgFlOc568ccs0nwxrGtXdlDZWFwVvWxFOYX8vaGCM5YA/KpYbiOlVbnR9TsroW15p13b3BjMoilgZW2AElsEZwArHPTg+lAEmmX8UOo2smpq9zbwKyIjASCLO4hgjfKwV237DhWOQeGNdFeeJ9Hk8RaVPHFdy2Fvp0ljdbbeG2kbzfOEjxomUXAmJA7kYJ6seTu7O5sLp7a/t5ra4TG+KZCjLkZGQeRwQafLpt9BqI0+eyuI70sqC2eJhIWbG0bSM5ORgd8igC7a3ljoviTT9Q0yS4vorSeO4K3EKwMzK+7bwz8YA59+nHMLw6ONRjSO+vmsiuZJmskEitzwI/NII6c7h1PHHNmz8Ja5ea5BpP8AZl3BdzbW2z27r5aFtvmMMZCAnlsYplt4c1Ftfs9K1CyvrOW5ZSVazkaRY8nc4jA3MAAx4/umgDSvta0f/hK7/WLGW+lW/W+LxTWyRmJp4pFQAiRtwBk5PHA4B6VP4a1G0utb0S3ljdlttLu7SVCm7zncXLKiKGUsW81VABUljgEcGucvdOe31i8sbUTXP2aSVQxgZGZUzlih5X5VJIPTBz0pkum30GojT57K4jvSyoLZ4mEhZsbRtIzk5GB3yKANzxlZvbSWLeVNaQiNoYLG5tGtpYFDbydjO7FGaRiGLHJDjgKKxtJuba01SGa+h86Fd2RtD7SVIV9p4faxDbDw23aeCaNQ0fU9J8v+1dOu7Lzc+X9pgaPfjGcbgM4yPzqnQB1+p+JtLm1eymskuGgt9HnsWLWsMBaWRJxuEcZ2qu6YdOcZ6nk42hatFY6vbyap9ouLJYJbV0ikAeOKVHRtm7IBHmMwHQn65qlNpt9b3slncWVxFdRqXeB4mV0ULvJKkZAC/Nn05ol02+g1EafPZXEd6WVBbPEwkLNjaNpGcnIwO+RQBoWl3pmlas8tnPd3Vu9lcQlpbdYmDyQyRj5Q7DALKc5z1445ZNeWN/Fo9vdSXEEVnaPBPJHCsjbjNLICqllyMSKOSO/XHJD4dvl1NrHU7e406UWk90FuIGVmWOJ36HHBMZGf54xTLPQrybxFBo93bXdtO8irLH9ld5YlPJbygNxwvzYHUUAWfEWo2Nz4kn1jQ7u+WW4u5Lr97AsLQMX3LtZZGyQSefl6D8NZvGdnJ4wttSezmWxH2k3EK7Cxa5MnmOFYFGZRIqDcPnES5wDtXmbzTnh1yfTbQTXLpctbxDyGSSUhto/dn5gx/unkHioYrO5n8nybeaTz5PKh2IT5j8fKvq3zLwOfmHrQBreIdWh1CC1htLx54oWkfyzpUFkqMwUEgRMdxIUZJxjaKw6s3+m32lzrDqdlcWcrLvEdxE0bFckZwQOMg8+1VqACiiigAooooAKKKKACiiigAooooAfC6xTxyPEkyqwYxuSFcA9Dgg4PsQfepr+6hu51kt7C3sVC7THbtIVJyef3jsc/jjjpVaigDT8P3cFnqxe6fy45ba4tzIQSEMsLxhiBzgFwTgE4BwCeK6jQprOzm03T9M1lJbiCDVLqW9hjljjt2e0KrtJUOSoi3EheNwAyRXFWtpPezNFbJvdY5JSMgfKiF2PPoqk/hT0iu7W0jv4y8UUzS26yI+CxCr5i8HONsgB7EMR60AdfoN5aNfafokt/9stLO21KSS6VpEjVZbVtyJuQsANhYnZ952wpxlmNew6Tqdhf2N4i6db2F7Z2NzBJIzrL5UjbSxjjbdvuFwwQABl5JVjXGwzS288c1vI8UsbB0kRirIwOQQR0IPepr/Ur7VJ1m1O9uLyVV2CS4laRguScZJPGSePegC7pWor/AGrpp1Kd0gsVK27rlfKO55E3FPn2+Y2WK/PtJ28gV0VzqmgReJtC+z3kSWdtpz28lxZW8xW0nczEOiynedjSK+c54yMHAHD0UAdFdx6Y2i6ZpMGtW7vHd3M09y0MywoHjh24+QuwPlkfdBBzxjDHQudSsbHx5qGt2GtRSpd/2hJC9skySQtJFIIs7kXDFnUZUnBHJHWudt9IluILCZri3givbt7RZJnKrGyiMlnOOFxKvPPQ/jVvLb7HfT23nRT+TI0fmwNujkwcblPcHGQfSgDrPD9zZXmqaLBLL+7t9Fvobo5ZfLyt2552t/A4OQrdehIxWZ4mjj8nTpNPkim0yGN7W2kjkd2yrmR1YvHGSwMwOQgGGUckE1hwzS288c1vI8UsbB0kRirIwOQQR0IPepr/AFK+1SdZtTvbi8lVdgkuJWkYLknGSTxknj3oAXTZfJv0bzYogQys0wYoVKkMp2gtyCRxzz1HWprueC11KC40po0ki2uWhDGMSA5BTzPmxjbnd3z2xWfUkFxNazLNbSyQyr9142KsOMcEUjOULy5v+GOk1TVIbf7dZ2v+iqbeQLEiBCHlnV2Q7ehEYVCD0KFfrV1jWvPuGuLG8l84X9zKkisysI2Eapg9RwpGOwFYckjyyNJK7O7kszMcliepJptLlMYYaEbPr/nudAdZWXxnNezX04t2eeOG4G5mhRw6qwGQQBuzgfzp0Oo2+nw2UMWpNO9vHdsJY1dViaSLaiqSAfvDOcAAt9TWPfWP2CTypLiKSZSVliTdmJhwVJIAPOR8pI461VosgVCnJJra1vzXbzNCW+8tdKktJMT2cPJ2/ccTO468Hgqa0NZe3utVt9PjMdlaxvJJJ+7VfKLuXbIHVlTYpXrlNo7Zw4Lia1mWa2lkhlX7rxsVYcY4IpskjyyNJK7O7kszMcliepJp2LdH3k10v97/AMjWi1nf4in1Fj9l3QzLCIxjyv3LJGo2gdPlGcDpmmw6jBBeaHOSziyCmZVHIxO74GevykfnWfLbPDbwTSFQJwWRe+0Eru9OSGHr8p46Zhosg9jB7en3XX6mhavBpeuWVx9oju4oZo5XaBW6BskfOF54+nPWrWjRLa66Ps+oRMRa3DC4iEiiM+S/PKhuOvAPtWLTkkeJi0bshIKkqccEYI/EEiiw50uaLV91Y0Lu7jS0s7JZVvUtZHk3HeIzv2/IAcNj5ck8csfTJdYXtp/bUM00MdhDsZN8Ad/LYqwWTDMTlSQeD/DxzWfbwSXVzFbwLullcIi5AyxOAOajosHs48rjfv8Aj+Baa0hW7SEahbMjDJnCybF68EFN3bsD1+tXNWjtLvXZ54NStmiup5JA5SUeWCSRuGzPOccZrJq1FYPLHbSGWKNLmdoA0jYCEbMlj2Hzjn2NASjZqTl5dP8AI2lvbG18ZvqS38clvcTTnfEku6EOGALAhTxuz8pzwcc4o/taO2ltVhurVIreG68n7GbjMbvEQOZORlsYx0OSa5+4i+z3MsPmRy+W5XfG2VbBxkHuKjpWM/q0HZtt6W/Py8zWh1GCC80OclnFkFMyqORid3wM9flI/OqMscVrcpsmgvUGGOwOFPP3TkKfy9etV6kt4JLq5it4F3SyuERcgZYnAHNM1UFFt3/rf9TQsL20/tqGaaGOwh2Mm+AO/lsVYLJhmJypIPB/h45p2mSW+l65E51BTG0ciG5tkf8Acl0ZA2GCngkHj8OayamtbZ7uZo4yoKxvId3oiFj+imixMqcbO70tY3IdRt9PhsoYtSad7eO7YSxq6rE0kW1FUkA/eGc4ABb6mqcOowQXmhzks4sgpmVRyMTu+Bnr8pH51k0UWEqEf6+f+bNSxki0rVPNjvo5MW82yaAONrtE6qOVBzkjn361DY3Y+3WhvJWWO2BETLkbDlmXJX5sb2ySPmxnHOKo0UWLdNO999vz/wAzpJr3S01nTfKuI1t4bRonlt4pNsEjGQhlDncdrOGznPGRg8Vl2rwaXrllcfaI7uKGaOV2gVugbJHzheePpz1rPoosTGioq13tb8/8zQt1Sy1SPyr+1kRkYPKVl8vaylWUjaG5BI4HfqOoj1P7J9pX7D5eNg8zyd/l7sn7m/5sYxnPfOOMVXt4JLq5it4F3SyuERcgZYnAHNR0FqC5r31NDQb+LS/Emm6hcK7RWl3FO6oAWKq4YgZxzgUSpd+HPEA8qVBdWM6yQzxjcjEEMki5HzKRhgcYIIPes+nvNLKkaSSO6xLsjVmJCLktgegyxOPUn1oaTVmaHTazeaNrGtWllZXSaZpJnmuJZGt2KwtLIWOEUE5ESwx7RhdyHBwd5h8XzaYZ7W38PXVvLplurJDHF52/ORmWXeigyPxnbwAqr0UZwLeCS6uYreBd0srhEXIGWJwBzUdcsMLGEotSdo306a9Xpv8A13HzX0NaW0sLXxMINN1m3uLONlaO/urR1jYhQ3zRbXON3y4KkHvwaf4kvYLy4s1hnhuHgtvLmltojFAzeY7fu02rtXayggKuWDHBzuONRWio+9GTbbS8v0X/AAPILmhqFlYQa41ppuqpd2W5FW+eB4lIIGSUwWABJHAJOOBVzxUbKW/t57DUre+X7JbwMIUlUo0UEcZJ3ovBKnGM8DnFZl/YS6dOsFyyCcLmWIE7oWyfkf0YDBI5xnBwwIDLS0nvrpLe1TfI+cAkAAAZLEnhVABJJwAAScAUez5Wpyk/dVumvm9PLpZBfoTaTexafqkN1c2/2iOPduixGd2VI/5aI6988qfwPI09U1XTddurRBB/ZcMW8yyCKBiwwDgLDDFlvlwAxxkjlRk1m6hpN3pnlm6ELJLnZLbzxzRkjGV3oxXcMgkZyAwPcVBaWk99dJb2qb5HzgEgAADJYk8KoAJJOAACTgCtFOLjzJ6dxE2rah/amqTXnleX5m0YLbmbCgbnbA3O2NzNgbmJOBnFQ2d3Pp99BeWj+XcW8iyxPgHaynIODweR3qfUNJu9M8s3QhZJc7JbeeOaMkYyu9GK7hkEjOQGB7ioLO0n1C+gs7RPMuLiRYokyBuZjgDJ4HJ70uaEoXumvwHqdHrN5o2sa1aWVldJpmkmea4lka3YrC0shY4RQTkRLDHtGF3IcHB3mHxfNphntbfw9dW8umW6skMcXnb85GZZd6KDI/GdvACqvRRnJ1LSbvSZIUvBD+/j82JoZ45kddzLkMjEfeVh17VSrnpYeC5ZQk2le2qtru/X+u422dHZ3+m+F/E11Jp11carAsBjtr61Y2ciM6gM6hlfBALpyO+4YIBEHiq/0rUL+3k0eK4QJaW8UjTTBwSkEabQNi4KlSCeQxGRgcVjRQyzuUgjeRgrOVRSSFUFmPHYAEk9gDTKuOGgqiqttyStfv6pafhbXYV9LHR6fLpOheNlEN8mp6UVe3e7eCSJSksRjdjGDvwu88AgnbwRnIf4gv31K10rSbW7h1WaOSWRTY2zRRq0pRRDHFsT/nmG4UZaU8ZBJ5mrOnxXc96sOnFxPIrrlX2YQqQ+5sgBdu7cScBc54zUvDwU1Wm7uK3dvPXbzd7WQ7u1i74mmil110gkSVbaCC0MsbBkkaGFImZSOqkoSD3BHTpTPELxya9cNDrE2toduL+ZHVpvlHUOS3H3efSodQ0m70zyzdCFklzslt545oyRjK70YruGQSM5AYHuKpV0xlGSvF3RJs+FL2Cw8QLPczxW6G2uYxLPEZI1Z4HRdyhWyNzDI2njtVxHspfE1vcanrtpFb20YmNxo9k0DEqSRHGoiQCUno7DA45OMVj6vpF7oWqTadqsHkXcO3zI96ttyoYcqSOhHeoLO0n1C+gs7RPMuLiRYokyBuZjgDJ4HJ70lOLjzp6b36W7gdTJr2mza1ofiNnS3ntbuP7VpNtblI4USTeGgGdoVhnKkg7yx6Nxn6TPb+HvEH2iHV4pttlciO5tBKuyVoJEQDcisG3FeQMDI564pz6Dd2l9bWt5LaQm6jMkMv2qOSJxllH7xCyjLIVySAD1IGTWfNDLbzyQ3EbxSxsUeN1KsjA4IIPQg9qcZRkrxd0Bp6VqK/2rpp1Kd0gsVK27rlfKO55E3FPn2+Y2WK/PtJ28gV0VzqmgReJtC+z3kSWdtpz28lxZW8xW0nczEOiynedjSK+c54yMHAHD1Z0/T7nVL1bSyVGlZXf55FjUKqlmJZiAAFUnJPaqA0NPktPD/ivS7z7bFqNva3MVxI9okg4VwSoEiod2B9ORz1qs+nWqajHbLrNi8Trua7VJ/LjPPBBjD54HRSORz1xBf2E2nTrFcPbuzLuBt7mOdcZI+9GxAPHTOfzplnaT399BZ2ieZPcSLFEmQNzMcAZPA5PegDrLnUrGx8eahrdhrUUqXf8AaEkL2yTJJC0kUgizuRcMWdRlScEckdaPD9zZXmqaLBLL+7t9Fvobo5ZfLyt2552t/A4OQrdehIxXG0+GaW3njmt5HiljYOkiMVZGByCCOhB70AbniaOPydOk0+SKbTIY3tbaSOR3bKuZHVi8cZLAzA5CAYZRyQTVDQ5ra31u2mvJHiSNi6yKzLskAJQsV+YKH27ivzbc7ecVBf6lfapOs2p3txeSquwSXErSMFyTjJJ4yTx70yztJ7++gs7RPMnuJFiiTIG5mOAMngcnvQB2V3relWOvaXNo99EiWei3EHm2Uc6LFcOtwQE8zL/elX5ie+fl6DD8P6rEmt6f/a9y8NrbQS28M6RB2td4kKyADBJSSTfnO4Y46Csmztvtl9BbedFB50ix+bO22OPJxuY9gM5J9KLy2+x309t50U/kyNH5sDbo5MHG5T3BxkH0oA2dJnt/D3iD7RDq8U22yuRHc2glXZK0EiIBuRWDbivIGBkc9cQ3MlpqVvoVr9titvs9k8U8sySbYm8+ZwDtUk5Vl6A9frjGooA6LxFeQ2/jKfXND1a3umlv5LyAxRyBoT5m9NwkQAnnoNw4OffZt/E+jWvjSxmsWe00tGu5WMcTAQSXIdQwVWVgEjMCkIRgxtszkM3CUUAdF4l1GO407TrC1n0yS1tGmaOPT/tZEZfZnP2jsSuQF4zuJ6887RVmwsJdRuXhgZFZYJZyXJA2xxtIw474U498UAVqKms7b7ZfQW3nRQedIsfmzttjjycbmPYDOSfSi8tvsd9PbedFP5MjR+bA26OTBxuU9wcZB9KAIaKKKACiiigAooooAKKKKAHwmJZ4zcI7xBgXVHCsy55AJBwcd8H6Gpr+SxknU6Zb3FvFtwVuLhZmLZPOQicYxxj8arUUAa3hqaKHWT50iRia0uoEZ2Crvkt5EQEngAswGTgDOSQOa6jQ7c6cNK09LvT578R6rctGk8U0UQe0CIJH5j5MTEgkgDG7Ga4SKGWdykEbyMFZyqKSQqgsx47AAknsAamtpbuwAvLcPGsqy24lKZVgybZFBIxnbJz3G4HjigDuNOvJtS1nSbHWdRS61O0gv3a+WaOZoUNuXiHnbgrMjq8gO/C7l+ZSCFLvVb2DXdPe+1B7y3s9LvooLy8uIrhJ5WhmY5AeRN2XjTYWYkBMjDAVwlpdz2N0lxavskTOCQCCCMFSDwQQSCDkEEg5BqbUNVu9T8sXJiVI87IoIEhjBOMtsQBdxwATjJAA7CgDQtdRbWtfsJdZnQvCuGuJsM1yylnQSPJlcklY9zgqqhcghTXRaqmmTeMNFW6v7SR5NObzrm6vVvVS5Jm8rz5VXD7WMQOQVCgA5UZPA0UAdrf3msyafosR8RpPrMV3dt5w1ZS1ujRw4BmL7QCA2MMQckZ3bgH3TLp3xG1TVDdafJb3X9py28iXMFwrboZdgZQzAbiygKw5zjB5Fcna6Te3n2P7NDv+3XJtbf51G+UbMryeP9YnJwOfY1DeWk9hfT2d2nlz28jRSpkHaynBGRweR2oA7LSZk1fxFoc1zeeZePpN29xdtIrSpMv2kpIzMww6qsZUswwFTkAAjP8AGt1f3B02K7vbi/t7aBoorua5SbznLl3JKSSKrAOikbidqoTgEAc7aXc9jdJcWr7JEzgkAggjBUg8EEEgg5BBIOQam1DVbvU/LFyYlSPOyKCBIYwTjLbEAXccAE4yQAOwoANJkaPVImjWMsM43yrFj5TyHbhWHUHsQOvSrmoXsltrlreLdSXU0GyTbPcC48tlYkJ5i8MOh4xjdjqDWPUkE7W8yyxiMsvQSRq69McqwINKxlKmnLm8rf1/wx1U+oxaRHd2+jyLa7bWSSJgx3nzp49uCx/54qhGORznkHFfxFrMl1cecLmK5eG/uhEHCSKIsRhPlIIxgHBxycnrzXO3E8l1cy3E7b5ZXLu2AMsTknio6XKYQwsYtSer1/E6Q36TePJpzPaxqJp1t5zGojVjv8tyQMH5ip3HPqTxU322SL7C2o31tc3scF5lzIk21DERGjvyGy2/Ckn7wHfFc7dWM9lsFwI1Zs/IJVZlI6hlByp9jg9fSq9FkH1eEkmnpa35r9TWudRdLnSdQEiz3cUYklaRtxZ1mfG85yflC9ecY9qtatBBNeWelaWsccO+ScOxbCrI2VZic4UQrGx9BnPOaw4J2t5lljEZZegkjV16Y5VgQaLieS6uZbidt8srl3bAGWJyTxTsaex95NdL/wBW8rm9Z6rBdeMobl2WC1iBitRMeIVVCsWS24Lg7STggHJo1bVJop9MnKrJNZyF0llvo7p3wysFZkAOAc4z/eOKwxaTlYCsTMbgkRKOWfnHA69eAe5BHY1DSsiVh6bmpLorfn/mdVb3Wm2viGyhtZoltEkuJo3dsiN5MiL5iGxhVhOSCVJOemA6bUiLu1a4MZeG3uws097Dds+Ym2oxUcjceA2c7iB6VydFHKT9Vi3du+lvz/zOgt9Xa31bRb6S9kDlF+2yrIS7KJ2yHxyfkC8HsB7Vm373Rvozq1w14QBkrdrKdmTwHBYDv9M5xVGpIIGuJlijMYZuhkkVF6Z5ZiAKdjVUowfMaFh/Z82tQhV+zQlGAN5KJFEu1thYhQNu7bkEEdc8VeurjUGtdOQ6ssuoJPOfM+3AmJSkeB5hbAyA3Q45I65FYNxBJa3MtvOu2WJyjrkHDA4I4pscbyyLHEjO7kKqqMliegAosKVJSanf9e/+ZvXivD4vmuoXtZknuJniZbyIYUk/Nu3YRgDlSehA4OMVNDJJJ4mRlu2uZfsU/F1cJcCI+VJhTIfkYdG9BuIPQ1ztvBJdXMVvAu6WVwiLkDLE4A5qQ/adNvZoz+6nj8yCQcHGQUYenQkZpWIdFNct1e1jYmuTczadb6rdxz3Vu8jNMXSQFSAY4jIcqcsG5O5VD89CBaub9NO8S6Rcx3zY8uM3kqXXnsR5pLK7qBvwoUYx0AHOBXK0UWH9Wi/TX8TctXuf+Ejtm1bUI3mCHybiS6EyxvhvLJZS2AHwcH8Rii3ubuDW/O1S8juJVtJwjyXCXC8xSBVJyw5J+6fXpzWHRTsU6Ke/a235HSaffQvrmj3V5cxtMbd/NnmcEiXdKIy7ENgj93gkHAAPQVYm1Ii7tWuDGXht7sLNPew3bPmJtqMVHI3HgNnO4gelcnTo43lkWOJGd3IVVUZLE9ABS5SJYWDlzPtb8/8AMsXF897PDJfbpigCyOG/eSjcTksc84OAccADjirmmSWX9vW7wbrNFDeXJdTBwk20+WxIUYAbb1BHBzxWTRTsbyppx5Vob1lPdR+JbaTVb+J5hG4huJrhbhI3KsIyWBYDDkHnp1q59tki+wtqN9bXN7HBeZcyJNtQxERo78hstvwpJ+8B3xXK06ON5ZFjiRndyFVVGSxPQAUrGMsPGTu+1tvX/M3rfV2t9W0W+kvZA5RftsqyEuyidsh8cn5AvB7Ae1R29zdwa352qXkdxKtpOEeS4S4XmKQKpOWHJP3T69Oaw6KdivYR181b8/8AM0oLs6jqlq+oSrujGDLJgmYgllDs+RycJubgDGRgVsXLWw8SaY5vIvN+ylmuJLoT7J8yGMySKMHafLzxgAAcgVytTXNpPaeV9pTyzNGJVUkbtp6EjqMjkZxkEHoQSWCdBSejto195rWuo3+n+JLK41HUpHw8YllS78791vyVJUnjgnb+lRpLfrrkD3txHdzhCFd75G2rhukm4hGHJGTwcHB75UMMtxPHBbxvLLIwRI0UszsTgAAdST2qa/02+0udYNTsrizlZd4juImjYrkjOCBxkHn2qbxvy31H7Fb6bW2LOuSGS+Rnu5bl/LG4S3AuDFyfl8wcNxhuOm7HUGm6DLaQeJNNl1MIbKO7ia4DpvUxhwWyuDkYzxjmqtpZ3WoXSW1hbTXNw+dkUMZd2wMnAHJ4BNF3Z3Wn3T21/bTW1wmN8U0ZR1yMjIPI4INPmjflvqawjyxSLv2rUND8V/arsb9SsL3zJRO2/dMj5O4g/N8w5IPPrWzrVvp97qVlofh+7tI7Jrm4uVmuJ9kcPmvhQzt0UQxQnBywZmU/N8o5xpbvVJ7aEh7mcKtvCqpl3GcKvAyx5CjOTgKo4AAL/Tb7S51g1OyuLOVl3iO4iaNiuSM4IHGQefasKlOMqikpWkk/6t5XZonobvjC2t9N+x6Zpc8Nxp9tvKzpdwzNcTHaJJSsbMY1IVAqk9EB6lqz5dAaPxMNGTU9MlJZV+2pdD7MAVDE+YccAHnvkEAE4rJop06U4QUebo+m7fX+u4m02dN4wtrfTfsemaXPDcafbbys6XcMzXEx2iSUrGzGNSFQKpPRAepajSbW20LxyLC/vrS7t3jktXurO5Hknz4GQHzSMBQZBubBxg8HGDzNFQsO/ZeylLo0/O/X8/vHfW503ie4RNH0vTvK0+GSKSe4MWmzLNFEsnlqFLhmLPmJmOWbAZBnHyri6TJZQ6pC+qx+baDd5ieWz5+U4+VZIyecfxj8ehrQwy3E8cFvG8ssjBEjRSzOxOAAB1JPapr/AE2+0udYNTsrizlZd4juImjYrkjOCBxkHn2rSlGNKKp311f3u4nrqbN9NpN1qNj/AMI0U0ySJmkkuHjktxHjDBsmeUkjBIC4bOAAxIFZOrXNtd6pNNYw+TC23A2hNxCgM+0cJuYFtg4XdtHAFU6mu7O60+6e2v7aa2uExvimjKOuRkZB5HBBra6vYQ/Tb+XS9WtNQt1RpbSdJ0VwSpZWDAHGOMiuj1q30+91Ky0Pw/d2kdk1zcXKzXE+yOHzXwoZ26KIYoTg5YMzKfm+UctDDLcTxwW8byyyMESNFLM7E4AAHUk9quyaFqsOox2Fzp9xb3kq7o4LiMxPIOcbQ2MkkEADkngZPFc9SnGVRSUrSSf9W8rspPQ1vGFtb6b9j0zS54bjT7beVnS7hma4mO0SSlY2YxqQqBVJ6ID1LUab9j8JeLZjeX8NzJaR5tbzTo0vIRMwXD4cqG2hmI54dVPIBB5mipWHfsvZyldWd/O/Xr536ahfW5v+L20yTUrZ9KvZrr/QrVJC8Koq7beJRgq7Zbg7hxtIIyetT6Ta22heORYX99aXdu8clq91Z3I8k+fAyA+aRgKDINzYOMHg4weftLO5v7pLawt5rm4fOyKFC7NgZOAOTwCaff6bfaXOsOp2VxZysu8R3ETRsVyRnBA4yDz7U/q79l7Lm0s1/XoF9bm74nuETR9L07ytPhkiknuDFpsyzRRLJ5ahS4Ziz5iZjlmwGQZx8q0vFnHiSdH/ANfFHDFdE9TcLEizEn+JvMD5bnccnJzms/TpbuHUYW0wObwtth8tNz7zwNowfmyeCOQcEYIBqtWtGn7KHL6/i7ibuzZ8Wy3s/ii7k1XUrTVLttnmXdmytFJ8i42lQBwMA8dQaf4Pkii8Rgz/AGfa1pdRhbqURRuzW8iqrMWXAJIGcjr1FYdFaiOssYZ7fxhaTW11pPhs20fntdWl8J40UE5I/eyF3I48sH5hjjBJrSh1+O11bw9rOl6l/Zmiw3KwS6VFdu0lknmh5AR96VHxvLYIz8h+6ueEhhluJ44beN5ZZGCJGilmdicAADqSe1Ps7Se/voLO0TzJ7iRYokyBuZjgDJ4HJ70AdNZX2o2nioXOvanFeTpp12I5Zr2O8Xm3lCITuZTljjYeu7pzzn2uotrWv2EuszoXhXDXE2Ga5ZSzoJHkyuSSse5wVVQuQQprJvLSewvp7O7Ty57eRopUyDtZTgjI4PI7VDQB6DfPYr440GRtTtxcfYC7Xs1+t35V3mYwmaZFAYo3kgkggKoByoycrT9a1fR/HOl3ut63NJtkiFxPFqH2r/R/MBZC0bNkcElP05rk6KAN+eXxCfEVs02teZqQjPk3f9sRt5a/N8vneZtX+LgsOvvzs3TLp3xG1TVDdafJb3X9py28iXMFwrboZdgZQzAbiygKw5zjB5FcPRQB3GkzJq/iLQ5rm88y8fSbt7i7aRWlSZftJSRmZhh1VYypZhgKnIABGf41ur+4OmxXd7cX9vbQNFFdzXKTec5cu5JSSRVYB0UjcTtVCcAgDD0r7aNQD6Z/r4o5JSDtwUVGaQENww2BsqchhkYOcVPJdaj4ivrSyVYmkkkEVvBBDHbxl3IGdqBVDH5QWPOAMnAGABmhpBJrdsLuVIo1YuN4Xa7KCVQlwVAZgF3MCo3ZYEAiux1G8tbLxXp90t7bzzjQ7kzyzXsd6WmaK42pJJtCyNgxpgg8bV5GCeEvLSewvp7O7Ty57eRopUyDtZTgjI4PI7VDQB0uiau+p+LNOuNWvIobmGN0j1C5ZjmcB2gklc5J2yGMZPAVFBGAansr7UbTxULnXtTivJ0067Ecs17HeLzbyhEJ3MpyxxsPXd0555OigDpbm+vb280K7sNT26u9k/n3jXqxSbxNMPnlZhhvLCAbjnbtHTAp/iKWbSPiBPrlpLY3Ktqkl5amK6jnVgJd67hGxKg5HBwevoa5eigD0Gyv9D0/xppdrp91bpp0U95dQyytlYJZgywfOysFAWO2bLKxRi27kFRleNNQlvLXTIrlfMkg80C5l1aC/mdSVIRniAICncRuz99scDFcnRQAUUUUAFFFFABRRRQA+ERNPGLh3SIsA7IgZlXPJAJGTjtkfUVNfx2Mc6jTLi4uItuS1xbrCwbJ4wHfjGOc/hVaigDZ8K8640Y5eayu4o1HV3e2kVFA7szEADqSQBXS6VotzZ2mj6fqulebdyf2rcx6dcIfMkH2VRGTGCHGXiYDocrkdjXA1ZsL+XTrl5oFRmaCWAhwSNskbRseO+GOPfFAHa2lj/aeraRZapplpaa2sd60kK2Xl5Cwl7dpYEXBbeH+XZllC5VgRuLqPyvEllZ6rpVo72mk3ksynTPskd0/lTurBdkbkAKi5wpDIxX+8eK0+/l029W5hVHIV43Rwdro6lHU4wcFWIyCCM8EHmp9R1U38ENvDZ29jaws8iQW5crvYKGbLszZIRBjOPl4HJyAXLV4vEGv2Cva28Mm3/SFjjCrdMpZsLFHsAZlCxhFK7mxyCxNdFqvhqI+MNFsri22XF9pzXBhnhjsvPnzN5KNGjbY92yJCFIJz/CxNcDRQB3GoR6//ZOhpJpUX9p/bb3ZZR6ZDux5UH3rdUxuxk/MucbW6bTRdaI+l/EbVDf6LssD/aclrDcW7JDKqQysu3GOB8pBUjHBBHBrjYrO5n8nybeaTz5PKh2IT5j8fKvq3zLwOfmHrTJoZbeeSG4jeKWNijxupVkYHBBB6EHtQB2WnafFq+v6E5trcXF9pdzcMEtgI2mjNyI28qNcEDyo8qqndg5ViTnP8aCe3uNPsruzit7iC2Jmki00Wazs0jHeF8tGIC7F5Ucq2OuTh6ffy6bercwqjkK8bo4O10dSjqcYOCrEZBBGeCDzU+o6qb+CG3hs7extYWeRILcuV3sFDNl2ZskIgxnHy8Dk5AI9JXfqkS/ZpLonOI44/MbO04YL/Ft+9tPBxg8GrmoE2OuWs11DHMseyRrdrVLdtoY/JJGowCce+VKn2rLgt5rqZYbaKSaVvupGpZjxngCnIfsl2Rc2yyGMlXhm3Lz0wcEEYPv2pGMopzv5bHTSR2OkQ3cdnbwXUkNvLKstwiS8PcJHGcYx9wBweQfMz0PMPiKWBLjzBp9mEhv7q3ESReWrIgjC52EE8knr1PpxXP3dy95dyXEgVS5yFUYVB2VR2AGAB2AFQ0rGMMM01KT11/E6aURXfxAuU+x2xKzzhInY7JpRvKbtzd22jGQD0xUn2cr9hk1XTbaK68i8Z4TCIvMRYiUZ0XGPm3gEAH5R6A1ytFFhvDvRJ7K34Pz8/wADWuZoobnSb+W2ikMkYmmiVFRJdszrjaBtGVQDge/c1Nq2n28VxZ6XpaedNJNIRIXUs4eTbGM4HG1FYEnB8zIwDWXYpJJexpFZ/bXOcQYY7+D2Ug8deD2p15c3LalPLKGt5iWRo1BXyxjaUA6gAfLj04p9SuRqas9r/wDA08jYg1aBfGFkbUxJYW8kVvE00aHESuMuSVGCTli3BG481Dbpc/23/wATjT40ZbSdxBJaiFWAikIJVQvcdevHXisUxuI1kKMEYlQ2OCRjIz7ZH5ipJrO5to4pLi3liSYbomdCocccgnr1H50rB7GK0T3VvP8AruXIGTVdUtQ0EUb4/ehUwJiCThUXbglcKFGMnHIJzWxd2EVprlr9otVZpNNmuJIpoFh3MEl25jQ4XhV6EHjPBzXK0U7DnRcno7KzRuBFmvtLmFl58tzbs7x28AOWDyKGEYAU7QqnbgA7eepNQ6rZXUuqRQRxNLM8eVhjs1hlXk8NEnQ8E9/lKn2GTRRYapNSun+B0Gp6XcHxlcC6t5I4p7uZ4/NjYCZQxbavTcTwAARksBkZzVyVBo3irRpJEjhM6RSXBnto4toMp+bYMrGQqryMEYzwSa5OilYh0JNJOWlrbGpImq/2tCJNO23mz93B9gRdy88+Xtw3fnB6e1aR0t7fxvKk2nqsUk9wbSKdPLilYBjGozgEFtgxnByB3rm0jeVisaM5ALEKM8AZJ/AAmm07FSpN6JpaW2/4J1X2cr9hk1XTbaK68i8Z4TCIvMRYiUZ0XGPm3gEAH5R6A1j6gIpP7OnlCxG5g3zNDEo6SuuQgwv3VHAxnHuTWbT3hliSN5I3RZV3xsykB1yVyPUZUjPqD6UWCFFxd7/1r/n+Bp6ZbWk2vW8Vo7XAwzIt1GsYklCkohG4ghmCjqM5I461YsoLqTxLbR6rYRJMY3MNvNbrbpI4VjGCoCg5cAc9elYNFFhypOV9eljqvs5X7DJqum20V15F4zwmEReYixEozouMfNvAIAPyj0BqvZ3S22t6HeMttEbkI1wxhQIMTsu4DG1PlQcjHTPc1ztFKxH1fSzf9a/5/gblulz/AG3/AMTjT40ZbSdxBJaiFWAikIJVQvcdevHXiqsDJquqWoaCKN8fvQqYExBJwqLtwSuFCjGTjkE5rNop2NPZdetrfmdVc6WsfiTTIngUTzWpm8qaFIBLKDJ5atGDtXdtRSMjOecEmqdjc3lj4psH1O2isyZIwwls44gE3jLY2gDofm68dawaKVjNUHa0nfS23qbCR3p1yBdR0yTzih2wR2SoxGGw4jCgPg84PB24JxUOuRSRXyCXaCYwdn2VLd05PDxrwD375UqfYZtFOxoqbUlL9DQ0GK0n8SabFqZQWUl3EtwXfYojLgNlsjAxnnPFP+3zweK/7Q1u1+0zx3vn3dtOgTzWD7nRlxgZOQRjj0rMqzf38uozrPcqhnK4llAO6Zsn539WIwCeM4ycsSSSSkmmbHTarorW2rWegeFw93dzz3LxSxMPNeGRjGiMwxlTFH5m44UrOTgLyYfGOkXHhuCx0SSK4Mdu0sr3Utu8STTsEEgiLY3RqEjAOOTuPQrjlqK5IYecZRbndK/TVt31vfpfb+lV0a0vh3UrDxMNGvtNuJr2NlMlnasHkZdochSoYZ2nOcHHccVZ8VxfZm0u18ia08iyK/ZLk5nt8zyttkOFyx3bx8q/K68H7xwKK09nNyjKT28uv3u35+YrnU6Ho9zovxAi0nWo3tL0K8SCPbI8c0kLeSVIbbu3vGQdwAOCSuMg8VQrZ6Ho9nLplxplzG07pBeMXn8himwsxVQB5gnwoVcDnGW3Ny1PihlncpBG8jBWcqikkKoLMeOwAJJ7AGo+rydWNWUtUvRX18/Prf1HfSxZ0mOym1SFNVk8q0O7zH8xkx8px8yxyEc4/gP4dRs3NtZW+qWP/CHXPn3LeZ5mbhpVC7ed/mQRKE2792dy7c7sDOeaorrJLmrfYv7Um/sv/j2+XGN23dtG7Zu+bZu3bd3zbcbuc0zTbqKx1a0u7i2S7ignSR7d8bZVVgShyDwQMdD1qtRSklJNMDr9V0VrbVrPQPC4e7u557l4pYmHmvDIxjRGYYypij8zccKVnJwF5MPjHSLjw3BY6JJFcGO3aWV7qW3eJJp2CCQRFsbo1CRgHHJ3HoVxy1FckMPOMotzulfpq2763v0vt/Sq6Om03So/Dvi2a28VraW1xYx+Ytteh5YZJSFKK5hDHaA2/GCDt2nG7IPHUY/tyG4bU4dQmnsrUysnml8i2i+di6jO77w5J9cHiuZopxw8vbKtKWtrPt8t2tfP56BfSx1Oh6Pc6L8QItJ1qN7S9CvEgj2yPHNJC3klSG27t7xkHcADgkrjIPFUK2eh6PZy6ZcaZcxtO6QXjF5/IYpsLMVUAeYJ8KFXA5xltzctVnTnlTUYfs9ql3OW2xQvGZAznhfk/iOSCFOQSACCMgn1eTqxqylql6K+vn59b+oX0saHiznxJO7/AOvljhlugeouGiRpgR/C3mF8rxtORgYxR4tivYPFF3HqumWml3a7PMtLNVWKP5FxtCkjkYJ56k1mXn2n7dP/AGh532vzG8/z8+Zvz827PO7Oc55zUNdZJv8AgqLz/E3leRNceZZXi+TAcSSZtZRtXg/Meg4PPY1dsdEvY/GFpFp2gzWTRR/aJYdfCyRLECQ8km6NAI8cZxkEcHOMcnRQB6DZyQ6br3hrVNGht08OG7SBbu8t4GmRvODSC4fB2SADKnIxHtIIO6sqyivR4qH/AAkujRROmnXcotJrBbVZAtvKykoip/EPvDnjg8DHJ0UAblq8XiDX7BXtbeGTb/pCxxhVumUs2Fij2AMyhYwildzY5BYmulvvD6QeONBgltUW6urA3XkXVtFarPODMYY3hViiBikSFQRnJzhia4GKGWdykEbyMFZyqKSQqgsx47AAknsAaIYZbieOG3jeWWRgiRopZnYnAAA6kntQB1mk32p6V8QNIl16yt9NYzwhxcaZDbqsXmgl9pQBTwf3gAIx14rPni8QjxFbLNovl6kYz5Np/Y8a+YvzfN5Pl7W/i5Knp7cYc0MtvPJDcRvFLGxR43UqyMDggg9CD2plAHcXWiPpfxG1Q3+i7LA/2nJaw3FuyQyqkMrLtxjgfKQVIxwQRwaZp2nxavr+hOba3FxfaXc3DBLYCNpozciNvKjXBA8qPKqp3YOVYk54qrOn38um3q3MKo5CvG6ODtdHUo6nGDgqxGQQRngg80AbnjQT29xp9ld2cVvcQWxM0kWmizWdmkY7wvloxAXYvKjlWx1ycrQ7Nb/W7a3fYylixRgT5oUFvLVQVLM2NqqCCWIGRnNGo6qb+CG3hs7extYWeRILcuV3sFDNl2ZskIgxnHy8Dk5z6APQdR0iDTfFen/bNPSR5tDubyeC6tFtg7iK4KboY2xGdqJwpBBGeGzWHokkWveLNODWVolyI3PllY44bu4UO0SlMKihiIoyoxu5OctmuaooA6/TTqVv4t369pSW0q6XeMLZ7EWiyJ9mm6rGEyCcjcOffjircpdz3mhXelafFPqN7ZPK8ENikiyMJpo8iAKU4SMdF7buuTXNUUAdR4isZfDnxAnu73RXTT11SSSC3lgMcVxEkudi5XBUrgcAjBFbNlpGj2XjTS9GWO3vY/PvLiJ5tjGXIZbWN/mUOD5McigsquJwOAcnz6igDrPGkKRWumCTSruyux5qyXFxpK6eLhcqVAjRipZcsCwA4Kg5xmuToooAKKKKACiiigAooooAKKKKACiiigB8KLLPHG8qQqzBTI4JVAT1OATgewJ9qmv7WG0nWO3v7e+UruMlusgUHJ4/eIpz+GOetVqKANnwt/yGJ/8AsHX3/pJLWzo+nwT+HNJGrWs0lo0mrXCqGMZkEdpEQVbB6PHjOCMqQQeRXIQzS288c1vI8UsbB0kRirIwOQQR0IPetaz8UanBrS6pd3l3eXcdtNBFNLcsZI98boCGOSNpfcAO/pnNAGzaaZpestpE8emxWE00d68lr9pZYZhBEZI5MyNuRGYNGx34/dtgqQcH2XRLjWrK1k0y0TytOu576PT7x3UyrHM6BZC8i8KkbZGRliDnG0Yen+Ir6z8QrrFxcXFzdFXR5mnbzSrRmMlZDkhgp+U84IHBxipta8SS6m8Bga+VolkU3F5eG4uHVwFZDIFX93jOFx/G/J3YAAyOCy1nWLRbK0+yo0ZkvYllZY4wm5nZGbewAiUMc7ju3YB4FbN54Wt5/EWlW9rFlb7TpL4wWKy7ZNnnEJEJh5g3rEuCwblyQCMCuQhmlt545reR4pY2DpIjFWRgcggjoQe9WbnWNTvL6K9u9Ru57uHHlTyzs0keDkYYnIwTkY70AdHdaj9l8N+H9Si0a3tFW/vJIYke4VJCEtwJAxk35DDqrAZT60yawspPiVrdtfRTXFpBJqLlPPYSN5ccrL85yd2VByc5PUHkHDOvaw16t42q3xukZnWc3L71YqEJDZzkqqqT6ADtRd69rF+6PfarfXLRq6I01y7lVcbXAyeAw4I7jrQBuW2j2Wo6xpLx2sUCXunXF41r5zJCHi88Ku923Kh8ldxL5+ZsMvGM/wAS/YENjDZWVja3CQFrwWVw8yeYXbADmR1ICBD8p6swJyMCto+uXOk6pbXiyTP9njkhQLKVaNHVg3ltzsb94zA4IDHODyDN4g17+2/s423b+TuPnX919pnbdj5TJtX5BtyFxwWc5+bgAxq2NRtvtXjK/iI+T7XM8nzbcIrMzHOD0UE9D9D0rLguJrWZZraWSGVfuvGxVhxjgipptTv7mSKS4vrmV4TuiZ5mYoeOQSeOg/KkZSjJyuuzNiXS7OLVbXzYlaCewlumjgaRF+VZSpQyDcPuKec8nuMCs1I7bUNQgFtB5ClC9xGrkIgXcWKk7mxsGecnOcA8Cq82oXlxN51xdzyy7DHveQs20ggrk9uTx7moY5HikWSJ2R0IZWU4KkdCDRZkRpzS1etv8zY1G0s7DU9NlmiVraeNJ5o4PMCsnmMDs34blVB5PU8HGKuW+g2sWt2unXKtcP5ly7FCy+ake5VXAyRlonztBOGGMnpz9zeXN7IJLy4luHA2hpXLED0yfrTRcTCZJhLJ5se3Y+47l2gBcHtjAx6YpWZLpVHG3NrZ/wDA+40NXGm+TbNYGDz/AJxOtsZTHjI2keYAQTkgjJHyg8ZputxvL4p1COJGd3vZVVVGSxLnAAqF9X1KSaOaTULppYs+W7TsWTIwcHPGaH1fUJZo5pr2eaSLPltLIXKEjquc4PuOQQD1Ap6lRhONutr7vv8AItarPZDVIrZFaeysY/s6tC4Qy4JLOCdw5dmI9sCrl7FZXPjTUFkt5TEhunlUzDLOqyNlSFG3kDAIPvmudqQ3ExmeYyyebJu3vuO5twIbJ75yc+uaLB7HTR9Gvv6lxI7bUNQgFtB5ClC9xGrkIgXcWKk7mxsGecnOcA8CtaWwsLJpbmaziuEbTRcpEjypGHMwjVhuw+MYOD1ycHGMc3HI8UiyROyOhDKynBUjoQamn1C8unZrm7nmZk8tjJIWJXOdpz2zzj1osKdKcmrPT1Z1Euk6Xc69DBBp/kwx3d3C0aSyMZRDGrDJ+Y8nP3RnBwMnmqq6bpmpx+Vp/wBm+2GMKfIebylYzxKrfvBu6OwI5HAPWufN5cmRZDcSl1kMobechzjLZ9Tgc9eBUk+p390ytc31zMVDKpkmZsBhhgMnuOD60rMyWHqq3vvTzfnv3Nq10O2WayWSGS78x55NkZKtOi28csaYGcE7sHGepwTwabDZ2N1DZXkunNbpLHd74o5WCyeVFuV1LZI5OOpGV6dRWCtxMrxMssgaH/VEMcx8549OSTx3NSTaheXE3nXF3PLLsMe95CzbSCCuT25PHuaLMt0ajfxfn5/5r7jS0xrW51ZTbotoHsrgSg7jGjeVIMjlmxt2k9TnOO1Z+oxJb3ZgjiaMRgDcxyZO+/gkcg5G3jGOT9410keJi0bshIKkqccEYI/EEihpHdUV3Zgg2oCc7RknA9OST+NO2psqbU+a+lv8y9oNhFqniTTdPuGdYru7igdkIDBWcKSM55waeNSgvvE8Woa1BvtHuUee3gyAIQRmNBngBBtUZGAAMjFZlXNV1D+1L5r2SLZcz5e5YNlZZSSWcDHy54JHIznGAQoJK6aNTsLTQ7bw/wCJrOzkKS3MbajK92ZGiAhiWSNHBCuUkRoJpBhWIJTkn7uZ4ouVvvD+k3a31xqRae5ja9vXJuGKiI+WynO1VDAqBI4O9j8pJUc4Ly6F1Fci5mFxDs8uUOd6bAAmD1G0AAemBin3+pX2qTrPqd7cXkqrsElxK0jBck4ySeMk8e9cEMLNVY1Jyu1/wf8AP8NtrXzK1ieEX2g65GLh77SbqFgHdEaOeFWHJAJU52npkZB6811kNtFrPirRWmNxqIn0u4mS4lgEtxcvH9oKM8RYh2DRhQhdgyooJAO0ch/bGp/2p/af9o3f2/8A5+/Pbzfu7fv5z93jr04qOXUr6fURqE97cSXoZXFy8rGQMuNp3E5yMDB7YFVVoVKut0nZq/m0/nbrv8uok0ja8Tebf6dp2uSy6my3bTW8Y1K5Nw5WLYdyybVypMhGMcFW5OcDMhg1XSdcjgjtbi31NWCxwtARKrsPl2qRkN8wKkDIOCOcGoL/AFK+1SdZ9Tvbi8lVdgkuJWkYLknGSTxknj3qT+2NT/tT+0/7Ru/t/wDz9+e3m/d2/fzn7vHXpxWlOnOFPk0tZ/8AAXpbRg2r3NnxhJdQ/Y9N1e//ALS1W13vd3DTGVoS20C2LnO7ZtJOCQGkYDkEnF0myi1DVIbW5uPs8cm7dLmMbcKT/wAtHRe2OWH4ngrqGsanq3l/2rqN3e+Vny/tM7SbM4zjcTjOB+VUqvD03TpKMt/Lb5Cbuzor7SIdG1Gx/syVNYkuGaM27rBKHzhduIZpDk7iAflYHBU5GRk6tbW1pqk0NjN50K7cHcH2kqCybhw+1iV3jhtu4cEVWimlgcvBI8bFWQsjEEqwKsOOxBII7gmmVuIs6a9pFq1pJqcTzWSzo1xGhwzxhhuA5HJGe4+tdnaaHbeH/E1nZyFJbmNtRle7MjRAQxLJGjghXKSI0E0gwrEEpyT93g6mF5dC6iuRczC4h2eXKHO9NgATB6jaAAPTAxXJXoSq7SsrNNfKy/P8ik7HR+KLlb7w/pN2t9cakWnuY2vb1ybhioiPlspztVQwKgSODvY/KSVGNCL7QdcjFw99pN1CwDuiNHPCrDkgEqc7T0yMg9eagv8AUr7VJ1n1O9uLyVV2CS4laRguScZJPGSePepP7Y1P+1P7T/tG7+3/APP357eb93b9/Ofu8denFFKjKnS9npbX8X6Wt8vkDd3c2fEGo3UF7pGp2GoXZuJLIsmos5juZv30yFnwxIYAFB8zfIq8jO0M8X6lfTT2uk6je3F5Lpisk8lxK0jfaGIMoyxOApCx4BKny9w+8axZdSvp9RGoT3txJehlcXLysZAy42ncTnIwMHtgVDNNLcTyT3EjyyyMXeR2LM7E5JJPUk96VPDKLi2l7t/x/RJvy12QNnQeGNPuLPxtb2t+j2F7Csjwi5jdWjnETNASmCxO/wAshcHdwMHODZ8Saj9o0vQ9Ri1DULi/ikmSO9vH2TvErI0bgBiVUSNMobcxJVvm4CrzkupX0+ojUJ724kvQyuLl5WMgZcbTuJzkYGD2wKnk1e4vtRju9dluNVMa7QtzcMSwGSqljk7dxyQCCRnBUnIX1ecq8asnsvx1/wA+/TbsX0sTeJoYotdd4I0iW5gguzFGoVI2mhSVlUDooLkAdgB160zxCkcevXCw6PNoiDbiwmd2aH5R1LgNz97n1qleXc9/fT3l2/mT3EjSyvgDczHJOBwOT2ou7y5v7p7m/uJrm4fG+WZy7NgYGSeTwAK7STZ8FS+R4m83z5rfy7K8bzoBmSPFrKdy8j5h1HI57ipopX1zxhp6RnUPFZfEZg1AtFJIMklAyyMVABLbt2AckjAOcC0vLmwukubC4mtrhM7JYXKMuRg4I5HBIq1Nr2sXE8k1xqt9LLJAbd5HuXZniJyYySeVJ/h6UAddptnY6P4z8LCwsItQsbi5jEGrSrNH9rbzwC4TeAjRkbApBzjcQQy4wNJ/s7V/EH+k6VFb2kdlcyPb2k0i7jHBI4YM7OQ2QPUcDg85xvtlz9h+xfaJvsnmeb5G8+Xvxjdt6bscZ64qa51jU726Fzeajd3FwIzEJZZ2ZthBBXJOcEMwx05PrQBdjgstZ1i0WytPsqNGZL2JZWWOMJuZ2Rm3sAIlDHO47t2AeBW5N4ZtW8VaPFBapPHeWD6g1paCcJOE81hHH5mJQJFiUZOTlyRkYFcbDNLbzxzW8jxSxsHSRGKsjA5BBHQg96s3OsaneX0V7d6jdz3cOPKnlnZpI8HIwxORgnIx3oA3PCuo2svxA0WRNGsYVa7giEaPOVRjKv7wZkJ3D0JK/wCzWUmrxQ6xb39rpVpb+RgrBFLOFLDOH3eZvDAkHhh90e+at/qV9qk6zane3F5Kq7BJcStIwXJOMknjJPHvU769rEuox6hJqt897EuyO5a5cyIvPAbOQPmPHufWgDcmsLKT4la3bX0U1xaQSai5Tz2EjeXHKy/OcndlQcnOT1B5BLbR7LUdY0l47WKBL3Tri8a185khDxeeFXe7blQ+Su4l8/M2GXjGHd69rF+6PfarfXLRq6I01y7lVcbXAyeAw4I7jrT9H1y50nVLa8WSZ/s8ckKBZSrRo6sG8tudjfvGYHBAY5weQQCz4l+wIbGGysrG1uEgLXgsrh5k8wu2AHMjqQECH5T1ZgTkYGfpNl/aGqQwMMx/NJMd+zbEil5GzhsYRWPCseOATwbviDXv7b+zjbdv5O4+df3X2mdt2PlMm1fkG3IXHBZzn5uMmGaW3njmt5HiljYOkiMVZGByCCOhB70AdlcaBpkHiGw8+2SS1u9HuL94bR5o0JWOcoYzKN4BESNlgQSSeVIFZmlWthrviWySz01wPIknuLCEuVmeJXfyoyWZwHVFXJJIZmIGABWTc6xqd7dC5vNRu7i4EZiEss7M2wggrknOCGYY6cn1qtDNLbzxzW8jxSxsHSRGKsjA5BBHQg96AOi8P3dpdeJml/s2K0t1069EkFpJIN4+yzZIaRnIYjjPIGBx1zDdy2+l3mjaxZ2MUZuLY3JthLKI43WaWMFWDiQf6tW+/ndntxWZc6xqd7dC5vNRu7i4EZiEss7M2wggrknOCGYY6cn1plvqV9aTwTWt7cQy2ylIJI5WVolJJIUg8Alm4H94+tAGtrC2Vn8R79dQjmnsIdWkE8fmM0kkQmO4biclioPJOc9+9bln4RsLbxVp+i30b3knn30rtGXT7RFDvSNCFDMpL28uQoJ2uMEngchqGsanq3l/2rqN3e+Vny/tM7SbM4zjcTjOB+VQi8uRdRXIuJhcQ7PLlDncmwAJg9RtAAHpgYoA2fEi6H9lsH0drQXZ8xbtLFrgw4BBRh56hgxywIyw+UHjOKwKuahrGp6t5f8Aauo3d75WfL+0ztJszjONxOM4H5VToAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAHwxNPPHEhQNIwUF3CKCTjliQAPcnAqa/sJtOnWK4e3dmXcDb3Mc64yR96NiAeOmc/nVaigDW8NwxT6pMk8aSKLC8cK6ggMttKynnuCAQexArS0jSbHUdD08Xu+FTPqTyzwRqZNsVrFIo5xuAIPBI6nkZzXO2l3PY3SXFq+yRM4JAIIIwVIPBBBIIOQQSDkGtyz8X3o1O3uNRdJIrS0uYLa3itolijaWJ1z5QATBZwW45A5zgCgC1a+HdM1htMn0iPUAlz9rWWzdlllZ7eIS7Y3VRnerKoymVOeG4FPm8PaP8A2vZWUkOp6czWFzd3sU8qSzW7RpKyLs2Jg4jV8HGRIMY+8czTfEk0PiGLUL/Y6rBLbhI7eMJEkkboSsOAhALltmAGOc/eJp+q65bmaGTSD/pCxzRS3X2CG03xyJsMflRkpwC/z/eO/HG0GgCsbCxv9Vs4dIa4EVwu6aJysj2uGYNlzsVgEXzN3yqAcEjaTV+/8MRR6xZQQS+Tb3VlJeuBPHdGFI/N3gSR4SRsQsRjaMsFJGC1YFpdz2N0lxavskTOCQCCCMFSDwQQSCDkEEg5BrTm8W63NrFlqhvfLvLCNYraSGJIhEi5woVQFx8xGMYIODxxQBrHUdOsNF0C/wBPtL6GK21S6lCNeRvJ5ix2xVg5i2gA7eCh6H14gu9MgvviRrVnqV1cGKOe/lkuERTIxiWV9235VJJTkDaDyBt7Zs3ibU7h7YzvbyJaM7QQNZwmGMuAGxFt2YO0HGMZy3UkkvPE2p316byd7cXDLMryxWcMTSCVSsm4qo3Egnk5IySMGgC/b+HbbUNY01LCO7Nvf2U14lqGEk37rzgYg4UAsxgODs43jhsc1vEunWOmGxitbS+s7qSAyXVvezq7wtvZVQgRoVO1Q/I5Dr9SzRdfksNUs5rv97Da201rGPKR/LSVZATtbh8GVm2tw33SQOh4g1Cwvvs4sl3yR7vMuPsMVnvBxtTyoiV+XDHfnJ34PCigDKguJrWZZraWSGVfuvGxVhxjgitLVLc3XjC/hG7DXsu4qAdq7ySeSBwMnkgcckdazYJ2t5lljEZZegkjV16Y5VgQatT6xeXF2tzI0QmUsS6W8ab933t2FG7PcNnOT6ml1MZRlz80bbMvPo1quqQRyPJHbzWktyRHKk7R7Fk4DLhX5jz2646jNUTbW11fW8dgZQkozIjYZocE7ssdqnCjdngAHk8E0XGs311cJPNMpeOA26bYlULGQVKgAAdGI/GqsE8ltMssLbXX2BBBGCCDwQRwQeCDijUmMKqV29bfLr/wPM0rzTrS01OwWeRo7S5CySbZlmMSeYyNh0GG4UngcZxjirEPh+JNSt7K/mZJDJcGYxsuDFEDypbAGWSQZY8YBIx1y7/UrrU5I3vHVzFGIkCxqgVBnAAUAd6curX66hFerdSC5h+5Jnkev1zkk+pJJzk0tSXCty762f8AwC5qEEWlfZLrS7mSC4beHRLuOVoiMch4z0YNjBAPB6iq+v8A/Iyan/19y/8AoZqN9UneaOVo7UNHnaFs4gpyMcqFw345x2qR9au5dQjvZRA1xE5kV1gRDvPO47QNxBwec8+oJBeo4wqRabs9H/wOhcv4LVNWt9JaXbDZoY5XD4Es/JfkgBctiPcQcBVJyBVW409TqkNtBBLCkgBJM6T5XJ3OHG1SAAc84G05IwcUYJ2t5lljEZZegkjV16Y5VgQambUrprtLnequg2qFjVUC85XYBtwcnIxg5Oc5NFmNU5x2fT8e5euIYtF1WxukEhRkFwqR3EbsjB2UYkClW5TP3e+O2ah1Saey8TX7wXMqzR3UoEyttc/MQTlcYz7Y61HcaxeXV3Dc3DRSPBGIow1vHsVBnA2bdvGT2on1i7ubtbmcWzyqWYsbSL5i3UsNuG/HNKzFGnO6cknpZ/p0Ha//AMjJqf8A19y/+hmo9H0/+1tcsNO83yvtlzHB5m3ds3sFzjIzjPSm32o3GoyeZd+UXyWLJAkZYnqSVAz+NQQzS288c1vI8UsbB0kRirIwOQQR0IPemtjWmnGCT6Gm15aat4ktjf77HSfPWIRxnd9ltt/KrxyQCTnBLNljkk5m1fQ4vD5todTLy3X2udJ44ZAFeGNxGGRipwS6TjkE/KDt9c/Vbm2vL5rq0h+z+fmSWBVCxxOScrHj+DuAQCAdvONxW51e9vL6K8vJ/tE0ONpmRXXg55UjDZYlmyDuLMTkkk4zhUc04vTqvy/4PyNdLFzxUkC64ptbaG1jksrOQQwghFLW0bHGST1JOSST1JJ5o8LaH/b2seTJHdyW0EbT3IsovNmKDAwi92Ziq55A3bjwDVbVdbvdaeJ7/wCzlolCK0NpFCdoAUA7FGQAoAB6AcYpmr6ve67qk2o6rP593Nt8yTYq7sKFHCgDoB2rONOsqKp3SdrX3108lfrvs+jHdXubPjvT7q18QLcz6R/ZUd3bW8ixR2xhiD+RGZFQEdnJBHUHrzXOQmJZ4zcI7xBgXRHCsy55AJBwcd8H6Gn3V3PezLLdPvdY44gcAfKiBFHHoqgfhVrUNcv9W1xtX1KVLi9ZkZneFCrFQAMpjaRhQMEYPeqowqU6cabs7K3X5f8AD3+Wuidm7lzxILSPxHCy2aQWr2llK9vatsADW8TMFLbsEknk7jk5OaZ4qSBdcU2ttDaxyWVnIIYQQilraNjjJJ6knJJJ6kk81Df+IL/U7q2uLwWjSW23yyljCgIUAKrBUAdQFAAbIAGOlM1XW73Wnie/+zlolCK0NpFCdoAUA7FGQAoAB6AcYqKVKrFw5uis9X5eWuw21qR6TpkusapDY2x2yS7tp8qSTopP3Y1Zj07A/lzWnqnh6TwvdWj6vF9rhn3gxiG4tyQAASGljT5huBBAYAgbgRwcCprS7nsbpLm0fy5o87HABKHGNwz0YZyCOQcEYIBrsJJtW0/+y9Ums/N8zy9pyV2suVB2uuTtdc7WXJ2sCMnGaZpqWkurWkepyvDZNOi3EiDLJGWG4jg8gZPQ/Sq1FKSumgNzV9Di8Pm2h1MvLdfa50njhkAV4Y3EYZGKnBLpOOQT8oO31Z4qSBdcU2ttDaxyWVnIIYQQilraNjjJJ6knJJJ6kk81TudXvby+ivLyf7RNDjaZkV14OeVIw2WJZsg7izE5JJL9V1u91p4nv/s5aJQitDaRQnaAFAOxRkAKAAegHGK5KdOspxlN30d9X1d9EU2iz4W0P+3tY8mSO7ktoI2nuRZRebMUGBhF7szFVzyBu3HgGrvjvT7q18QLcz6R/ZUd3bW8ixR2xhiD+RGZFQEdnJBHUHrzWNq+r3uu6pNqOqz+fdzbfMk2Ku7ChRwoA6Adqgurue9mWW6fe6xxxA4A+VECKOPRVA/CnGlVdZVZNWta3nps9L+ttugXVrDITEs8ZuEd4gwLojhWZc8gEg4OO+D9DW5r80Fj4miuLSwtI0+xWkq23llokZrWNs7STuwzbvmJyfvbsnNDUNcv9W1xtX1KVLi9ZkZneFCrFQAMpjaRhQMEYPerMnivVZNUtNRLWi3dnjyJEsIF24UKuQEAbaFG3IO3AxiiUKspKVls01d7u3l5b2v5dA0NDX5L3R301ryG3s9cCvLOkFvFEEhcKI4pYkAXcR5hZWXJSRQ2fujJ8Q2kFnrUi2ieVbzRxXMUWSfKWWNZRHk8ttD7cnrjPGcU+71t9b1FJ9f2OoZ5JGs7SGGSVjycsqjJJAG5t23JOD0NLUb+XU9RmvJ1RGlbIjjBCRr0VFB6KoAUDsAB2rTDwlCkoztfy2+XkJ6sfq39mf2pN/YX2v7B8vlfbNvm/dGd23j72cY7YrQ8HxxS+IwJ/s+1bS6kDXUQljRlt5GVmUq2QCAcYPToaz9W1a913VJtR1Wbz7ubb5kmxV3YUKOFAHQDtTNP1C50u9W7smRZVV0+eNZFKspVgVYEEFWIwR3rcRrTfZr3xNZR38sWp28m2NxoVqLdjkkBVUxIGfJB+7zwMjtradouj6X420HTb2J9UaaeIS3EFyjWk7NMApjzGd8YAKsD1bcMjbzgReJtTt9RN/aPb2l15DQCS1s4YSitnJXYo2tgkbxhscZqEa5qS6da2K3biCynM9rgDfA56lHxuUZAOAcZ5xnmgC5p1no+r66IY476ysltJ5pC0yXEgaOGSTI+VAR8o+XjPPzDPEJsLG/1Wzh0hrgRXC7ponKyPa4Zg2XOxWARfM3fKoBwSNpNQya3eyXv2tfs8MvkPAfs9rFCpR1ZWG1FAyVdhnGffgVVtLuexukuLV9kiZwSAQQRgqQeCCCQQcggkHINAHRXPhm1i1/T4i7pZXNo99Mkd1HcPHFEZfMVZUGx2KwsRwACwU9CaZ4b/sO68c6TF/Zt21pLcwx+TPdpJlzIBlv3QDJjgpgE/wB6qc3i3W5tYstUN75d5YRrFbSQxJEIkXOFCqAuPmIxjBBweOKpXOq3dzfRXmYreeHHlvaQJb7SDkMBGFG7Pfr09BQBattR06w1+zv9PtL6GK2ZZQjXkbyeYpJVg5i2gA7eCh6H140rvTIL74ka1Z6ldXBijnv5ZLhEUyMYllfdt+VSSU5A2g8gbe2O+tXUmox3rRWIljXaqrYQLGRz1jCbGPJ5IJ6egqa88TanfXpvJ3txcMsyvLFZwxNIJVKybiqjcSCeTkjJIwaAL9v4dttQ1jTUsI7s29/ZTXiWoYSTfuvOBiDhQCzGA4OzjeOGxzW8S6dY6YbGK1tL6zupIDJdW97OrvC29lVCBGhU7VD8jkOv1LNF1+Sw1Szmu/3sNrbTWsY8pH8tJVkBO1uHwZWba3DfdJA6HiDULC++ziyXfJHu8y4+wxWe8HG1PKiJX5cMd+cnfg8KKAM/TrNtQ1GG1XfiRvnZACUQcs3zFRgKCSSQAASSBzXRyeGLCPXrSCaWaGzutOuL0iGeK6aHy1m4EiYSTmHPG3723II3VzNpdz2N0lxavskTOCQCCCMFSDwQQSCDkEEg5BrQvfE+rahexXd1coZYbRrKPZBGipCVZSgVVAA2uw6ZGeOgoAmttO0rUdbtEs5LhLJoHubuFnDSwJEHaRFfaFdike5TtAy4B6E1Z8Ptpk3iZvskN3Z2n9nXol82VbiQf6LNlhhYweOinHI688Yenajd6RqMN/ps7291A26OROoP9QRwQeCCQank1u9kvfta/Z4ZfIeA/Z7WKFSjqysNqKBkq7DOM+/AoAvt9j0PVtG1e0S7FvNGLyKHz082JkldB+8MZVvmi3cp0OMd6NYgtv8AhY9/Bq11N9k/taRLq5wPM2ecQ74VcbsZPC4z0HasyPVbuOS0fMUn2OMxQLNAkiqpZmIKsCG5djyDjPsMSatrd7rc/nah9naXcztJFaxQs7McksUUbjnuc9/U0Ab9r4Ngj1uy0vV7l4p2nvGuTC67TBbgjcjPtVSzxTrlyMbQSAOuf4k0jTdOtbCfTpsST+Ys9qb6C7MRUjDCSLjDBuhUEFW6jFU08RaumsW+qpfzC+tseVNnlepPsdxLFs/eLMWyWOYNQ1S41Py/tMdonl52/ZrOKDOcdfLVc9O+cfjQBTooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigC5p8EcguZ5l8xLWHzfKyQJDvVACRyBl8nHJAxkZyLw0Z73W7W1EMVmLiMyZgl+0JtXdkptLE8IRtySWHbOBl21y9rIWQK6sNskbjKyL/dP5D3BAIIIBq4NalS+tbiC2tohaxmJIQrOjISxYMGJJzvYHnoe1LU56kat3yf1p/n5Fybwz5U1qGuJYI7iOdibu1aJ4zEhY5XnIIxyCep4yMVXt9EF3qlnbW1wxhu42lSRoTvCKWDfIpOT+7bABOeOmeK/9pKkwktbG2tj5ckbeWZDuDoVOdzHoCcY/HNFvq09tPZyokTG0jaJVdNyujMxYMD1zvYduPzpakctfl31t5ef/AADQm8M+VNahriWCO4jnYm7tWieMxIWOV5yCMcgnqeMjFZsllG15bxWdx5yXONhZCHUliuGRdxByM4GSQQe+Kd/aSpMJLWxtrY+XJG3lmQ7g6FTncx6AnGPxzVe1uXtLgTRhWOGVlYcMrAqynvyCRxg88EU9S4Rq2u3+Xn/wDYt9Egt/Een2mom5WG6KMiSW+yRsybNrru+TODyCeMHvxnwtYW+qQSJLLNboQ7+daqckHO0pvwwOBn5h1NOudYmnvLO4hhgtGskVYFgQ7V2sWBwxOTk5OetQtdwtdpMNPtlRRgwBpNjdeSS+7v2I6fWlqKMan2308vMuTacLnxRfWbSxW4jkuCXWMhF2Bm4UZIHy9BnA9aj/ALKR7uBYbhjbzwPcLI0eHCJv3fLkjP7tsDdg8cjPBcay09/JeJZ20M0olEpj3nf5ilWJDMcfeOMYqTSdX+zalZSTbUW2gkgRhuGN4kwWKnPDSclecDjmjUl+2ULrttpvZ/8AAK+o2dtaw2klrcSzC5jMn7yER7QHK9mbPKn9Pwj02zF/fpA8ywIQzySspbYiqWY4HJ4B471a1u4gupkmSWOa5bPmvC0rIRgBeZfm3dc9sbcd6p2N7Jp97HcwrGzJkFJFDK6kEFSO4IJH409bGkXN0vPXc0E0W2uDbPa6hm3nScl5oCjRNEm8hlBbggryCevTIxU1hpGmy6hpjNdyz2l3P5RUwbX3hlyjDfwCrg7gSeelR2mtR/aoRNbW0FrBBcBIY1fa7vGw+Y5LHJ2jOeAB0qi2pzC5gltljthbOJIY4gSqNkHd8xJJJA5JPQDoAAtTLlrS927Wnl5+W+w6FrC31SCRJZZrdCHfzrVTkg52lN+GBwM/MOpq5JpkE2uawl3craxWZlctDb5BxIFCqm7jJYY54/Ws9ruFrtJhp9sqKMGANJsbrySX3d+xHT61Yu9Za7kupBZ20D3gInaPf8+XV8/MxA5Xt6n2w9S5RqOStfby7ly80uy0TUoJPtrXcUV1JFLutBjfGEJG0uNwJbB5HQ9ao6hDDH4ivIbl/KiS4kVjbwjAwx+6hYYHtngetE+ryXUxe6toJVNxLcmM7gpaQLkcMDgbRjn65qR9cLazHqa2FqlwkxnbaZNsjk5yQX7HnAx75FLUmEasbc2rs+3y/qxIuhxzeIItMtrqRtybpHeAhoyE3suxSxLADGOu4Ee9OvfDktu1p5byqtwJCRd27QPF5Y3OSvORt5ypOeRjIxVOLU/s2pRXlpaW0BjBUxAM6OCCGDB2JOQSDz0p0eqi3vYbmzsLW3aPcGQB3WVWGCrB2bggkcY6n2o1BqvdWfTy3137dNrkl/DZx6HZvZPJLuuJw0ksIjY4WLA4ZsgZPfuaz7eFri5igThpHCD5SeScdACT+AJqxeai13bQ2628FvDC7uiQqeCwXOSSSfujqSecdMAQ2ty9pcCaMKxwysrDhlYFWU9+QSOMHngin0NYKap676mhcaE8F+kDtLGJLWS5Tz4fLkARXOGTJxkxnueCD7U7S9MtX1TSUvpJDFe7W2JHnJ84ptJ3DAO0/MORnpUM+tSy3dvMltbQLbwG3WGJWCMh3bgcknkO2TnPOc55qObVp5Lq0niSK3ezAEAiTAXDlxwc5wW6nrjnJyStTLlryjZv+tf+AOt7C1vdUjt7a8kWAozyTTwbSiqpZjtVmz8q8c8njjrTp4IrCO1v9PuFuY5S6YuLZco64yCh3KeHUg5PXsRUcWp/ZtSivLS0toDGCpiAZ0cEEMGDsScgkHnpTptVE32ZDYWq21vuK26hwrM3VmO7cTwP4v4RT1Kaqcy7fLz/AOB5Fi60+O68X3tmrx2sC3E5LbCVjjQsxwo9FU4AqGbS4mWyksLpp47uRoR5kJV0cFcgqu7PDqRtyecYzTpNdkbVhqMdlaxTl3aUBWZZt/DBlZiMEEjjHU+1NfWpd1uIba2ghgEgEMattfeMPuJJY5XjOeABjFLUlKsrW7eXn/wB11oc1vqENuPMQTQmcG5iMToi7txdecY2McDORjHJxRfw2ceh2b2TyS7ricNJLCI2OFiwOGbIGT37mh9emOoWl1Fa2sItYfISFIyY2T5shgxOc7mBOec+vNV7zUWu7aG3W3gt4YXd0SFTwWC5ySST90dSTzjpgA1HFVXKPN/W/wDwPxK8EazTKkk0cCnrJIGKjjvtBP6Vtao1tZeJhA7WzWlnO21YbQNtCscI4OwyfdAJLHqeTzWDVqS+8/VJb25t4pjNI0jxNuCEsSexB6n1pmk4OUr+TJtQZrDxFeeWsG6K4kUL5CmP7xHCNkAeg5xVqbSxf+NLvT4CsCG6mA2xltiKWJ2qvJ4HAHXgVVu9US81D7XNp1rvZ2eVVaULKzdz8+RzzwRUkmuyNqw1GOytYpy7tKArMs2/hgysxGCCRxjqfalqZWqWVlrZrpv0LFz4baCayHmzol15g23FsYpQyDJUISQxII24PJOOKzdRtUsrswJ9pBUDetzB5LqTzjbuPbB/GnPewNNG66ZaoqZ3Rq0u2TI75fPHsR75qO8vGu3j/dxwxxJsjijztRclsAkknlieSevpgU1cumqqa5n+X6FeiiimdAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAf/9k=)

*Izvor: izrada autora*

1. Napravila se konfiguracijska datoteka phpunit.xml i repozitorij test u kojem se spremaju testovi

*Slika 25 XML konfiguracijska datoteka*

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDmRXhpZgAATU0AKgAAAAgABAE7AAIAAAAJAAAISodpAAQAAAABAAAIVJydAAEAAAASAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGtvcmlzbmlrAAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNjUAAJKSAAIAAAADNjUAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjEgMTM6MjE6NDIAMjAyMTowNToyMSAxMzoyMTo0MgAAAGsAbwByAGkAcwBuAGkAawAAAP/hCxtodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTIxVDEzOjIxOjQyLjY1NDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5rb3Jpc25pazwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAKzAtYDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDw+iiuos9OgbweZrKJbu6uJlinYjm2GeMD39ae5MpKJy+COoorv5bSxutQ1LTZ7eKOysbZI2vAADFIgxn3yc8VwLABiFORng+tDViYT5hKK9Mv/Anhi81y/wBI0C61KylsdftNHM+oypN55maVHKxxxrgq0RYbnAKg9GIFXL7QvBPibXLjxCdT1VrW91fVZJo4o1V7iGG3N0ZIgy4TBZU2uSXDBvk5UI0PJ6K7i58NeHjoLazafbkjfQ3vksnu1eWKYXwtVZn8lVaM53bQN2VIJUEEkXhPw9ZaBd6jr1/fJNZ2li/2a2VSLme63zoiuR8ii3UAlgcOWI3BQrgHD0V6ha+GdH0HxTGrSX2o6TDq9xJcWM7JHhLC2E8scqYZJZAZmj4wp2OAQJQycn4R8Nw+M/GB0KwMlo96kxsWmlDCJkVpFEhCDcCqFSVC4LBsHGwgHN0V6B4d8LeEtSh0+W7n1WT+1tcj0izgSRIXVAsfm3Dny3X70qYiyCAcb3wWqTSNG0TTdY0TWtAvLq/Swvr6d550ES3gsYY7pdkfJiD5KfMWPRsD7gAPO6KK6zw9pmm6xpKnX2j06K2do7O7UrEb+T7xtWYjAPzA+ewIiDAPlWjCgHJ1JF3qxqzzPq1wLqyj0+WN/Ka0jiMYg2/Ls2nnIxgliWJBLEsSTXi70ASUUUUwCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigCvU9rfXNkxNrO8RbGdrYzg5H6ioKKQbk73tzIsyvO5Ez75Bu++3qfXqas6Bd2dh4l0y81S3+02NvdxS3MGwP5sauCy7W4OQCMHg1n0UAdJffEDxLqEkbz38aGO4ku1+z2kMINw67TOQiAGXHSQ5ZTypB5o8N+L7jQNOvYFEcj/Z5VsPMtYplhlmeBZmIcHhoYmTofvYwMk1zdFAHQN451+TUpL6a6gmkktEsTFNZQSQrAhVljWFkMaqGRSAFHIz1JqvqfivWtatJrfVL37Us80U80jxJ5srxReVGWkxvbCZGCcZJPUknHooA6CPxzr8dxJN9qgkkku7i9dpbKCTdLOnlzfeQ/K6nBT7vA4yBVMeJdXWRpIr6SGVkt4zLCBHIFgVViUOoBAXYhwDyyKxyygjLooA2LfxVq1pqVnfW00EU1jM89sq2kIiikc5ZxHt2bs4wcZARAMBFAj03xHqmkrbLYzxqlq87xpJBHKuZ41ilyrqQwZFC4OR6dTWXRQAVJJcTTRwpNLJIkCeXErMSI13FtqjsNzMcDuSe9R0UAST3E1zIHuZZJnCLGGkYsQqqFVcnsFAAHYACiLvUdPjYLnNAEtFN8xfWjzF9aYDqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tHmL60AOopvmL60eYvrQA6im+YvrR5i+tADqKb5i+tFAENFFOiQSTIjyLErMAZHBwo9TgE4HsCaQF+70O7stGtNTlCmC6ZlAXO6IgAgPxgFlIZeeV5qC40y/tbcT3VjcwwmQxiSSFlXeCQVyRjIKnj2PpW3f6xo9/DqUFvb3dusyobZp51dFMXyxjaqbgfL3IMswyw3Z+8LviK7t7e98UbtWkuJr6fyFtNj5UpMDucn5cKEKrgk4YcLyKAOXuNMv7W3E91Y3MMJkMYkkhZV3gkFckYyCp49j6VozeF7iPUVsoby0uJPti2UpjMgEMrEhQ25BkHa3K5+6fbOv4iu7e3vfFG7VpLia+n8hbTY+VKTA7nJ+XChCq4JOGHC8iop/E9vL4ujaKK2ttNXWBeyTRRvvmAk4dixLcKWO0YHzHigDlIhGZkEzMkZYb2RdxA7kDIyfbI+tS3lnJZzBHKujrvilQ5SVezKfTgjnBBBBAIIEUSCSZEeRYlZgDI4OFHqcAnA9gTVq+vI5IYrS0DLaW7Mybx87s2Azt6E7V+UcAADk5YgD7fSLifSp9Q+VLeEhQXON7H+FfU96vXHhS7ht3eOSOWSKCOeSFT86q4z09uM/Wn2OtWk2jRabq6OUtpRJBJGPujPzAjvxVn/AISiCLV9U1SGNzdzEx2mfuxxnjkeuMCq0MW6l9DlqtXGmX9rbie6sbmGEyGMSSQsq7wSCuSMZBU8ex9KrMxZix6k5Ndj4iu7e3vfFG7VpLia+n8hbTY+VKTA7nJ+XChCq4JOGHC8ipNjntS0S70/VHtBDNKpuZLe3kEJAuCj7DtHc57DPJxUD6Zfx/ZvMsblftePs+6Fh52cY2cfN1HT1FdVaavBqHjCVluWma68Q2s0BYNloleUA89AAyAA9vpVW11ez0yG2d9Vm1Jm1eG/eMRsDGqbtxbcceY24ZAJHyfePFAHNJa3EiB44JHVt+GVCQdi7m/IEE+g5qcaXdi5mtZbS7S6jVcQC3JbLMoAYcFQdwwcHJKjHOa3LPULHSbezjttT8yeD7e5mhjdAryW6pHtJAP3hjOBg57YY1f7StP7D+z+b+9/sr7Pt2n/AFn23zcdP7nOenbrxQBSvNA1Oy1ltLks5nugzBEjiYmUAkbkGMsvyk5x0FVYLG7uVDW1rNMrNtBjjLAnKjHHfLoPqy+orcv10668VXN9Dr8cCzX3nxzxwzZiRmdi33Qdy4TgdS45GCRa1LxBaXaXl3Zyx2P2rTvssVhbxlfs379GZNwUBg672z/tFT2yAczLY3cELyzWs0cccpgd3jICyDkoT2b260/U7L+ztXvLHzPM+zTvDv243bWIzjt0rWu9XgnW9U3LOraRa2sAYNgMhgLKPQApIfTOfXnO125ivPEWpXVs++Ga6lkjbBG5S5IODz0NAFCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAp0ssk8zyzO0kkjFndzksTyST3NNooAdLLJPM8sztJJIxZ3c5LE8kk9zTaKKACiiigAoq/pUaXcslg6KZLpdsD45WYfcGfRuU6gfMGP3RWgdLtL+eBLa48qOWb7DZFIMiZ1C5kkJIKhjID/EQCR0UZAMCnSyyTzPLM7SSSMWd3OSxPJJPc1oRaT5n2X99j7RZzXX3Pu+X5vy9ec+V17Z9uaNtF591FFiQ+Y4XESb2OTjhcjJ9BnmgBsUskEySwu0ckbBkdDgqRyCD2NNq/q+mf2XcRKk6zxTRebG4KnjcVOdrMucqejHt0OQL13oNlZy3Yk1Rmjsrj7POyWxyWO7aEBYZPyNuyVAxwW4yAYVFbUfh7F19lurry55Lx7GARx71aVSoO4kgquXXkAnrxxzHHosUljBILz/SLi2luUh8o4Cxl925s8ZEZxgHJ4OBgkAyaK6iTTdIje+SGaRUXTYJmeW35jLGA7l+Y5ZgzccAFsZxzWJPp/k6rHaBpJVl8tkMce52WRVZcJn72GHy568Z70AUqK2rjQI7a5YyXm6zW2FyZY1SR9vmeVgBXKk7/wDb6c9flps2jWts80k95N9kjWDbIluDIxmj8xQULgAAAgncecevABj0VrWVh9m168srpY5Wt4btG4yu5IZORn0IyDTdCMLXFzDNawzFrSdleTcTGVhcgqM4zkDqDjHGDQBl0Vd0qxjv7po5pJIkVCxkRUIXkD5i7oqjnGSepA71bHh51v7a0muFWSbUZLBiq5CFCgLDpkfP046e9AGPRXS2mnaYRp22RhLcadcSS+dD+7BCzjfkMxypUYAXooPXiqH9jwbvP+1SfYfs32nzPJHm7fN8rGzdjO//AGunPXigDJorWm0WKC2u55bzakHkmIeUS0oljZ074U4Azzgc4JwAxZPBp+lxXk1tHdfaLlonRwOI0VS6gkHBbzB8wwV28HmgDJorfm0u0hje1FxujhT7XPcpBmRo2ZViCqSOodXPzDiTB5QCqV5pP2W2uJhNvWN4Ag2YLLNG0ik88EBRkc8nrxyAZtFbGpWCW1ndxfKZdNvjamUJt85W3kZHYgxtyck7wM4UVj0AFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUVbsLH7aZszJEIonkw3LOVRmwB/wE89B9SAalABRRRQBJbXEtpdRXFu2yWFxIjYBwwOQcH3qe11O7sojHbyKq7tylo1Yxt/eQkEo3A5XB4HoKrIjyyLHGrO7EKqqMkk9ABUuyK3u9lx+/jX73kSAZOOgYgjg98EHHB70ATQaxfW1qbeCfbGUeM/IpbYwIZNxGdpyTtzjPOM81HPd7r4XFon2Xy9nlCM4ZdoADZGPm4ySMZOTxUj6XMbuWG3Ky7IPtALMEJj2B84J6hTkgZ6HrjNT2/hvVLvPkQRthInOZ4xgSfczluCew68j1FUoSlsiXKK3ZUvb+e/eNrkx/uk8tFjiWNVXJbACgDqxP40T6hc3P2nzpd32qYTzfKBucbuenH324HHNX7XRTb6/a6frUMi/aXWNfIuEypL7M5AYHBDAjg5HasehxcdwUk9i+ut6gss0vnKZJpWmLtEhKyN1dCR8jdOVweB6CoV1C5TytsuPJheBPlHCPu3Dp33tz15+lMtbSe9maK1Te6xySkZA+VELsefRVJ/Crtl4d1TUJIUtLXf51s92rGRVRYUZlZ2YkBFDIwyxHb1GUk3sNtLcrtqd29sYGkUoYvJY+Wu5kDKQpbGSAUXGTwBgccVG95cPcx3BlYTRqio6/KV2KFXGO4Cjn2rSbwlra30lobL95HbLdlhKhjMDFQJQ+dpT5hlgcAZJICnFZND1CTUpLEQossS75GkmRI1Q4w5kJCbTuXDZw25cE5GXyy7C5o9ya31iSa9WW/uPJRITEqwWMToV3btpi+VCMktznnB9wXmvTy6lNcQP5iyJGjfaoll8wogQOysGG44J7kbiMnnNrw/4fjvfFsWl6ofMj/wCWi2N9bb3JHyLG7v5bMWZeASevcVmaXpF9rN01vp0HmvHG00hLqiRooyzMzEKqj1JA6etHKw5kFjf+TqE1zdNJK0sM6M2dzM0kbLkk+7ZJqtBcS20heBtrFHjJwD8rKVYc+oJFareEtbW+ktDZfvI7ZbssJUMZgYqBKHztKfMMsDgDJJAU4zLu0nsbp7e6TZImMgEEEEZDAjhlIIIIyCCCMg0mmtxqSezFtbyaylMkDLll2srorqw64KsCCMgHkdQD1FW4fEGp291JcxXO2aSYzl/LUlXJyxXI+XPQgYBHByOKj0yLTpftf9qTyQ7LV2tvLGd8wxtU8Hg8+n1qTUbTTjr0lvot5vseClxcnbxtBYngHg54AycYAJIzN9bF8ulyCLU7uG3WGORdqq6qTGpZVZWVlDEZCkM3GcZJPXmiLU7uExbJFKxRGFUeNXUoWL7SpBDDcSec849BTdSs/wCz9Vu7Lf5n2ad4t+MbtrEZx26U/TrJLyWU3ErQW0ERlmlVN5UcAYXIySzKvX+LJ4BourXFZ3sMm1C5uElSWXcszo7rtAGUBVcYHAAYgAYAHbgUJd406WzkTerOJI2zzG3Q49iOo4yVQ5+XB020nTrO4mGo3VwkEun/AGmwkMWxppCBtVl+bAyGHXBxkHBBNHWYtOh1aaPRZ5LiyG3ypZRhm+UZzwO+R0pKSbKcWldjE1O7S588SKz+UsJDxqysiqAqlSMEAKvUdQD15pyaxfRzyzJPh5cZ+RcKVGFKjGEKjhSuCo4GKNL0i+1m6a306DzXjjaaQl1RI0UZZmZiFVR6kgdPWrjeEtbW+ktDZfvI7ZbssJUMZgYqBKHztKfMMsDgDJJAU4vlb1SMnKKdmyneanLeQbJB88kz3FxJxmaRj1IAAwB0HYs/PzYFKtCLQ9Qm1g6YkKC6Cs+HmRU2BC5feSF27BuDZwRggnIp9t4e1K81SXT7SKGeaGMzSvFcxtFGgXcWaUNsCgHklsZ468Ucr7BzLuZlFadz4d1S01SLT57XbcTRiaMiRTG8ZXd5gkB2FMAktnaADkjBrcsPCFsde0Sxv2eZb20aa4Wzvrbcz+dLGixOzbGJKx/Lkn73pgUoSbsJzile5yFFXdN0i+1eSZNOg80wR+dKS6qI03KpYkkAKCwyegGScAEh6aHqEmpSWIhRZYl3yNJMiRqhxhzISE2ncuGzhty4JyMzZlcyM+iruqaTd6NdLb34hEjxrKBFcRyjawypyjEcjB+hB6EUumRadL9r/tSeSHZau1t5YzvmGNqng8Hn0+tJ6bjj72xRorXv9O0577Uzot3JNZWcKSxPKvzSZaNCDwMYLnt2/GnWGi2tzPpsNzezQyaiq+V5duHCkyvHhiXHHyg5GevtzPMrXL5HeyMaitW30/TriS6dL66FtbW4mdzaLvJMiptC+ZjHzg53evFZ9wsC3DC0kklh42vLGEY8c5UE4596aaYnFoioq9penf2g9wXaRYbWEzymKLzHCghchcjOCwJyRgAntirx0nTrR3Oo3VxHDPp7XNiWi2PJJkqisvzYBKseuCMHIzik5JaDUG1cw6K0dTj0m31yVNNknvNNXGxy2x2+UZ5K8YbP8PQfjUUmnOL028MiuxjWSIEYaQMoYAD+9humeowCTjLTurktWdinRRRTEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAX9KntLeeSS8kmXMUkaiKIPnejKScsMYzn39qpSBBIwiZmTJ2llwSO2Rk4/M1LbWN3e7vsdrNcbMbvKjLbc9M4+lQUAFFFFAEttcPaziVArHBUq3RlIIYH6gkcc+lW7C6trPWEnWS7itwGG6Lb5q7kIwCeOpxnj1wD0z6KANDT72C2uZr66M8t4nz22CMebn77seTg84wcnrx1049dsFlt7rZci5e9t7q7XClWaPfvZTkfe3Z24ABzzjFYEcEk0czxrlYU3yHI+VdwXP5sB+NR1rGpKK0M5QjJ6mxY6lZx32kTXRnRdPQFhHGGLsJmkwMsMDDdfXtWbdLbJKBZyyypjlpYhGc+mAzfnmoaKlybVmUo2dzQ0HVpdC8QWOqQby1pOshRJChdQfmTI6BhkH2Jrc07xRYW2s3PmwzDTpNNXT4T9nilMWzYwk8mTKHdJGXZM9ZGIYnk83YWFzqd7HaWUfmzyZ2puAzgEnk8dAahSN5WKxozkAsQozwBkn8ACaE5JaClGMnqdJqHiG3njvoluJrpJtNW0gP9nw2ixEXKTEbI2K7flY56kt071n6PqYg1Jp7+/uIlMAiJFol2JFXaFRo5GClQFGM5wUXA4BGTRS5m3cFBJWOj07VdHg8cW+rSrcW1nazxXCpb26FpnQqSdm9VjDkM2FJCZ2gECmafd6FYXF9atPqNxYX9kYHnFskcsLiRZFITzGDrujUEblJDHpgZ5+rulaTd61fLZ6eIWuHxsSW4ji3kkAKpdgCxJGAOTTUm9kDiluzZvde0wWM1hp0d2bddJSwhlnVQ8j/aluHdlBwq53gAFjwuTycMj8WSafrw1HTY3z/Z9vaMHnlhOY4Y0Y5hkUkbo+ATjGMjPTnKKTk2NRSNTXteufEN+l3eLtdIhGB580vAJPWV3bv0Bx7dc0LdYGuFF3JJFDzueKMOw44wpIzz71FRUlGrqlzp174lkvFe6azubgzTAxqkiBnJZV+ZgSAeCcc9qdpmpW2m6rdmB7iKznR4klCK80a7g0bAEgbgypkg8c4IOCMirukaRfa7qkOnaVB593Nu8uPeq7sKWPLEDoD3qeW+hXPZ8w/WL5L24iEEk0sUEWxZbgYkkJZndmwTyXdsc9MZycms+irNlp11qH2j7HF5n2aFriX5gNsa9TyeevQc09Eg1kzT8K6za6PeXv2+N2gvLRrcukEc5iberq3lyDa43IAQccEkEECrWoeIbeeO+iW4mukm01bSA/2fDaLERcpMRsjYrt+VjnqS3TvWPd6Nf2F1d213B5c1miyTrvU7FJUA5B55denrVOON5WKxIzsFLEKMnAGSfoACfwq1U92yM3T9673Okj17TJ9Qu1v47tbO80m3sHkhVTJE8UcOHCk4Zd8A4ypKnqDxVXTLzR7G81K1nkvptOvrT7OLhIUSaNg6SK3llypG+MAjeMgk5B4rFjjeVisSM7BSxCjJwBkn6AAn8KbRzMXIrHWf29oW7+zvL1H+y/7J/s/wC0bU8/f5/2jzPLzt2+Z8uzdnb/ABZotNb0KDxB4fud2opaaLGnPkI8k7rcvL03qFVg/qSp4+bG48nRT52L2aNlLvTNPt9Ut7Ce7ukvbJYUea2WIq4njkOQJG+XbGec5yeneug8P3tjq+s6kslrNdJLoltaraiFpZJni+zKwWNJEZv9UzcMDtUk9CK4ua3lt/L85dhkQSKCRnaehI7ZHIz1BB6EGia3lt/L85dhkQSKCRnaehI7ZHIz1BB6EGhTsxundHV6hqt74W8VNeRBzJPaJGtvL59nLbRrhFjdI5Q6kLEuAztlSjHJPGHr2vXPiG/S7vF2ukQjA8+aXgEnrK7t36A49uucuipbu7lRVlYvabdQQC7guzIsN3D5TSRKHZMOjghSRnlMdR1z2wb39rWMGt6NLapcNaaZ5QLSBRJJiQyMdoOByxAGTwBzWHRUOKZopNGhpWqPpcd80Es0M89uIopIW2lT5iMeQQQNqkcetQf2jdNf/bZpftNx3e5UTbuMchwQePWm2lldX8pisbaa5kC7ikMZcgeuB25FRSRvDK8UyNHIjFXRhgqR1BHY0WVxXlZGnp+qpHqFxcXYWJ5otiT29tHm3YFSHRPlUNhcZBUjcSDkcxaxfRX1xE0O5zHFseeSJY3uG3M29gpPzfMBkkk7ck5NZ9FHKr3DmdrFzSbqOz1OOaeS4ijAYM9tjzBlSOM8d+v5c1FFLG1w817vnY5baT/rGz/Ec5x3OOT04zkQUVRJJPNJc3Ek8zbpJXLu2MZJOSajqyunXj3EMEdtJJPOnmRxRrucrgkHaORwM89sHoQaP7Nvvt/2H7Fcfa/+ffym8zpn7uM9OfpSuh2ZWoqz/Zt99v8AsP2K4+1/8+/lN5nTP3cZ6c/So7i2ntLhoLuGSCZcbo5UKsMjIyD7UXQWZFRTpI3hleKZGjkRirowwVI6gjsanfTrxLczNbSeUqLI7BciNWOFLY+7ntnGQQRwRRdBZlaip3srqNkV7aZWki85AYyC0eCd49VwCc9ODQ9ldRsivbTK0kXnIDGQWjwTvHquATnpwaLoLMgoqW3tp7u4WC0hknmbO2OJCzHAycAe1FxbT2lw0F3DJBMuN0cqFWGRkZB9qYWdrkVFSxW8s0c0kS7lgQSSHIG1dwXP5sB+NRUCCiiigAooqzp2nXWq38dlYRebcS52JuC5wCTySB0Bo2Gk27IrUUUUCCinRxvKxWJGdgpYhRk4AyT9AAT+FNoAKKKKACiirNlp11qH2j7HF5n2aFriX5gNsa9TyeevQc0bDSb2K1FWdR0660q/ksr+LyriLG9NwbGQCOQSOhFVqNwaadmFFFFAgooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANjRdGuNVjeSQXB0+2JZ/JQuzMcfKi92OBz0AwT2rOvpZp9RuZbmPy5pJWaRMEbWJJIweRzUFFABRRRQBPZeR9rT7X/quc5zjOOM4525xnHOM45rW02G7mu9T8yzW8vEtQ0UZiEgB8yMBlUcEBTxj5cdivFYgQmMv2BA/PP+FSQXTwQ3EaBSLiMRvkdAHVuPxUfrVQaTuyZJtWR0LTpEt7KbS2S6TTEFzCseEWUXCAEoPlzt2Er03ZBHUU2G13ahfm0sI7mf8As6CeOEQ7wJG8lmZUH+8xxjGOMY4rmqmgunghuI0CkXEYjfI6AOrcfio/Wtfap7r+tTP2bWz/AK0N2aFLxp4Us4hqJ09Q9vBFg+cJlztQdG8sZYL0+bIHIokhisrvUD9mtpGg0y2dQVV0Eh8gFxjg8sTnkHJzkEg88EJjL9gQPzz/AIU2k6i7f1qP2fmdLYWzP4xtI7azjmjmS2kuI/s6yKFdY2kbaQQoyx5GMZwMCq+jLe6Vqr29xa+TLPbS7I7m2UszeU4QKHGeW4wPvdOelYVFHtLNNd7h7PSz7Fi/Fyt7IL2D7PPxuj8kRbeBj5QABxjt71seErOSe6vLma2hk0u3tn/tCWaND5UTDH7stwJieI8clsfw7qwQhMZfsCB+ef8ACm1mn71y2rxseq6ZaR209pcHR9Mn0zUtQ0yzsJ5bKKTNsxl35OMef8gWQnJDE4wNhGTp8c+s+NvB19ZaXDG8nl3VzHp9oEjjVb6VdxVRwqqFG49gMk1wFFae08jP2XmdNpWn3WiR60+r6RsuYNNWaCLULYjaTcwoJArAZxluuQeQQQSDdgs0Pi91tNJmuXm022uMWdgt19nkkhid5BbnCMpLMu04VfMBGNqiuMoqOZFcjetzoLm3u08eQwRQWl7dm5hEds1tHDG7HbtikiXCo3IV1zw24EnrVzS7C7fxPrc2o6baQWVr541VBFH5dqpJBSEtkLLu+WLB+8B1XdXJ0Uc2tx8rtY7z+zZv+EggntdFe60+408HTJ7HTo7spGpUGSSIfJLKOUk3H5XfI6IKh0WxvX+KMFotnb6grTwC7jXTIiscBaPfviClYmUEK+OVbcN3UniaKfOrk+zdtzd0/RobLVmtvGENxpimDzI1uDJbsx3AA8QyEjhv4QOOvGDFrDWOnX5Xw3eyG3lt9kzR3LvuyTuUloYjjAHG0j3PQY9FZuxqro3NLv53XWry6b7ZP9iUlrkmTJ8+EAnPXHHByOMEEcVds5zZeJXjtYrcG708Psa3R90r2m4KoIONzvjauAchcYwK5+zjsX3/AG+4uIMY2eTbrLn1zl1x29as+Rof/QR1D/wAT/49WbitTaMno/1NHSbq+tfENxDdWsMNzNbyqYZLGNTv8hwiqhXgsSowAN2cHOaNNt72W+1YT6SsuoR2iulqbIAo3mxAMIlAGQpz0wecggnOd5Gh/wDQR1D/AMAE/wDj1T28mj28N1El/fFbmIRPnT0yAHV+P33XKD9aTS6fkNN7P8yW9zLr2lrBY2v9obY1uLQRhY2mDkBWXIUErs3AYAJIODkCslkbvxTJbX8K2qi4drqODAECKS0m3qMKobAGenGaZ5Gh/wDQR1D/AMAE/wDj1PRNHjV1TVNSVZF2uBYoAwyDg/vuRkA/gKexO71/NDvNXxD4o824TyLaR90ixYHkW6LkhcDHyxrxxzt6E1eSW215dUu7tI4As8cqom1WjgSKUCNTjgEiKPOMZKcE4Bz0TR41dU1TUlWRdrgWKAMMg4P77kZAP4CmeRof/QR1D/wAT/49RZdBpvr+aN650nTotOa1aWF2tVEkk0YVXkjVrog55wHHkAHkfPH1+UEudJ06LTmtWlhdrVRJJNGFV5I1a6IOecBx5AB5Hzx9flBwfI0P/oI6h/4AJ/8AHqPI0P8A6COof+ACf/Hqm3n+BXN5L7y1q+lrHqGnaZp5juJ2QxBkwvnMZ5AjHn+JChBJ+6V5xinWGmRCz1O21ILFNZ3CtLhl3qqJNuUNzgM4jTPI3MnB4Bp+Rof/AEEdQ/8AABP/AI9R5Gh/9BHUP/ABP/j1V0t+hPW9vxNG90hE1KysrS1m1IQ27mYWI2ySjzpNkhwrYBUxkEg5Urg4INU9Xt5bvxFHaW67pnS3gjiJAZW8tFEbE/xKflY8cg8L0EXkaH/0EdQ/8AE/+PUeRof/AEEdQ/8AABP/AI9QtP8Ahgeqt+qLmh2E0Wp6nbGzhuNRtreQQ28wWQearqGwucOwTeQOemcHFaF3Etp5891ptnHfJpEcs0HlDbHKbhFVjGOFbYVJXAHJyuCQcPyND/6COof+ACf/AB6jyND/AOgjqH/gAn/x6k1d3/Qadlb9UaOhwDWNTvpLS2hinS0WSNWgMyCTfGrt5ao2QcudoUhd3GMAhl9brfeLYrS5g+ywwpGLny7YW5CJGGlkC7R1AdhkZIwMdBUdlNotk8n+mXk8UyeXLFLYLtdchgCVnBHzKp4I6emRTru70m5IVL++toVi8lYIbEbQm7ft5nJI3ktyTz9BhdQ+zqNij1HxZ4kmj02LyzdYUxIdscUK42q2ABtUKg6ckDjOK1FtRHq0+lfZ74+VprQ2WbcxT3AEnmSFQ33Qw84A/wB04wx4OD5Gh/8AQR1D/wAAE/8Aj1HkaH/0EdQ/8AE/+PU2v6sCbWr39UdD5UUmo/YXs7iG9GkeX9mjy05YSbwm4/xG3GCewJUL0Ss/VFuk1fTodOspodRhtArQBTJMhy5QkkZLiIocjG3AwF2gDO8jQ/8AoI6h/wCACf8Ax6jyND/6COof+ACf/HqEkgcm1/wUaOq6W8nj67hv4poIJbuWd2K7T5AdmaRcjkbVYjGc44zTtPv5b/xDe6vMsltpiIVu0gQFVtyNiwcbR8wCoOmPvfwkjPRNHjV1TVNSVZF2uBYoAwyDg/vuRkA/gKZ5Gh/9BHUP/ABP/j1FtLBd3uvXc6OBzYaxqGrzRs2mXVuk0Pl4YNb/AGmEGHGcZVP3ZToOnTFRPO+q6vp8sEDBrjSr0QwJ8xUE3QSNcDoBhQAOwwKwfI0P/oI6h/4AJ/8AHqPI0P8A6COof+ACf/HqXKv6Q+d/00T6fZapZXlxZy6LdTtc2+2W3MLrJ5e9TvXAyCGUYJBGeoPStCHR47fVZBp1vJJdjTzPFp98iNIku7ayMhHzkJukUYBI2nB6HI8jQ/8AoI6h/wCACf8Ax6jyND/6COof+ACf/Hqb1/4Ylaf8Oi9Zy3VrLrkl/Zxx3KWSEwS2wjVT50O0mMAD0OCMHuCCc3tNsraTxFdAW0bzNpkdxDEIFlzK8cbOUiLKrHDSMF6DHAOAKw/I0P8A6COof+ACf/HqPI0P/oI6h/4AJ/8AHqLf1YabX/DnX24tor6EPoscctxdWNtN9t01YiwZpdzpGSwXcqKCRwSGOAemOYl1TUNOultbeN3snnNva2Ybe3nyIoSIEByo2nBP3UJO7BByPI0P/oI6h/4AJ/8AHqPI0P8A6COof+ACf/HqSjb/AIYpzb0t+KLXiCwtrDxVLaXJkt4lSMymKFSwcxKzYQMFGWJ4DYGeOAKd4btxL4stodOga/tmljE3n2aufKLLvJU7goHTdn8RmqfkaH/0EdQ/8AE/+PUeRof/AEEdQ/8AABP/AI9VfZt+hH2r/qWrCzn0tdTbUdO2zxWSyxR3kB+UmeNQ4U9ep9jyDkZFWYrZf+EiYW+nyTtJZQzf6PaCfyXeON2fyT8pBLMMHAXfkdAKzPI0P/oI6h/4AJ/8eo8jQ/8AoI6h/wCACf8Ax6kG3/Do1bGeey8U3UA+yySTW8qhfsUSneYG2R7NuFfcQrIOrZU7u9Sys7q58QyC/tfKuYk3m1WyG9jgBdsA2hiMh8HjAJIIyDV8jQ/+gjqH/gAn/wAeo8jQ/wDoI6h/4AJ/8eosv6QXfX8zav7OLSda1tTaQvJbWEMgSaJcJKzQbm2glQcsx2gleccrwYoLISa7ctZW0Mt0NNjuYLZo1ZZJXijL4jPBIDyOFA6qMDAxWV5Gh/8AQR1D/wAAE/8Aj1HkaH/0EdQ/8AE/+PUW0/4A767fijV0K1kn1+/XU7FVvktGaK3NkmQ/y8rASis2wswH44Jqt4gme01BPslvdabJLaCO5DW32Tz+SCfLDEBSAoIHBIJxVPyND/6COof+ACf/AB6q15HYps+wXFxPnO/zrdYsemMO2e/pTS964nJqNv1I7i5nu7hp7uaSeZsbpJXLMcDAyT7VFRRWhiFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAamjQRXcggmtbd0aRQ8rSlZVU8fIu4biOSAFY57HIFZdW7O/Flh47WF50ffHO5fdGR0IAYKcEZ5B981UoAKKKKAJV/49JP99f5NUVSr/wAekn++v8mqKgAooooAlX/j0k/31/k1RVKv/HpJ/vr/ACaoqACiiigCVf8Aj0k/31/k1W9F06LVtSFi87wzzKVtQsQcSzn7kZO4bQx+XdyASMjGSKi/8ekn++v8mq3pmsS6VBerbW9u0t3Abf7RKhZ4UYYcJzgFlJUnBOCcEZNNWvqKV7aGmnhaJ/EEmlJd3Es9rBm6igtA83nggPDEm/8AelCeTlRhHYZAGZvDNrY23xDtrKXfIvni2jj1HTFcGV8R7ZYfNG0KWP8AESCo47DPk8RC5+yHUdI069e1thbB5BLG0qrgIX8t1yyqNoPp1zgEFp4lmtvEcesvY2lxNB5f2eKXzBHB5e0R7drgnaqKBuJyOuTzWicU0zK02mmZlnFBPfQRXdx9lt5JFWWfYX8pScFto5OBzgda07LRrG8vdWA1XbY6dGZluhbsTOgmSMYTOQzBwQCcZwCQMsKz6nD/AGtbXtvpVjAsDKxtQJJIpSrZ+cSOxIPQjIGKG1iXztVeK3t4V1NSkkUSFUiUypLhBngAoABzx+dQrLct8z2NCLw1B/al5Feaj5FjaWSX7XAgLyNHIsZjURg43kzRgjdtBJ+YgZOtpHhrRlvpvtd0l5p93paT2t3KGtzbNJcpbmR13YzGxckbirBevORhW/ia6g1CS5ktbS4SayjsZraaMmOWJI0Rc8hg37tG3KQQwyMdKL3xNdXizRi1tLa3ksksUggjKpDEsqy/Lkkli65LMWJ3N7YtOCIam9LlqTw6ZLrQ7Fbe4hurm0le6jSB5ZS6TzqQIxzu2xhdvAyOSvLVoWPgOCTVLqy1TVZrB0ubO2gU2RaSRrpSyB1Ljy2VRlhk4IIBOBnMufGF5e3EUl5a2k6LZCymiZXC3KiTzd8hDBt5k+csCMkc9SC+bxrfS6wdQS0sYG+12l2sMMTLGjWyFI1Vd3C4bkewxinemJqp0/rUuQeCLa+1RItL1S4vLI6fJfedFp7NNIqzNCFSEMSxZlBGSuA2TjBplz4He212Kxae7ZJrIXkcQsGF4wLbDGLdmGXDBiQGxsUsCelZll4murNYYza2lzbx2T2LwTxlkmiaVpfmwQQwdshlKkbV98w/2rZ/bvP/ALA07y/L2fZvMuPLznO/Pm7t3b72Mds80rwtsO1S+/5Fm30Kzn1DVY5L64tLbTIPOka5s9spIkjjZDGHO1suQAWxkDJUElZJPDMb6zp1tp15NfW2oW32mGSKzczbRvDp5Qz84aNxgNtOASwBJD9P8Qw+drNzqdtbzG40+O2gtHEgjISWDYmVYNhY4+CWydoySTzSTxDcLeSPJbW8trJB9mNiwcQiEOHVBtYMAHUNkNknJYtubK9wfvlqTwx9j1+8stSuJra2srZbqeY2+ZY0dVMYMRYfOWkjQruwrMecAmjRPDkGv6zd2+nXV29pa2zXBcWJe4kA2rtWFGOWLuB94DGWJGMUSeL7qbX7zU5NP04pe2y2s1iISLcxKqqqgbty48tGBVgQVGPSqtnrxsNSuri202xFtdwG3msXV3hZDg4yzFwdyqwIbIIGDjij3Lh79vM2ZfDNloWtCHUpUl+0aetzYw6lDLaB5WkCeVMoOYyMSYO8LkKS20mqdx4el/tycavbJotnHaC8drQG4QREBUaPMh8wO7IuQ5ALHkBTjP8A7Vs/t3n/ANgad5fl7Ps3mXHl5znfnzd27t97GO2easxeKriG8LpYWJszaNZfYHR2h8kuZCuSxfPmHeG3ZBxggACneIrTJ9HstKn/ALfU3Lmzh09JI7q4tQJEP2iAEqgZsMQWUfMAd3JUE4fp3g57/X7mxS5maG3slvw8Fo000kbqjRqsSnlz5qAjdtX5juIGTknVih1AWlnb2sV/AsDwxlysah0fKlmJyWjHUnqfbFm38TXUGoSXMlraXCTWUdjNbTRkxyxJGiLnkMG/do25SCGGRjpSTjpcdp62/rY6NPhxbJeRxX+sXFmty1pHarLprLMz3DyJteNnGwqYnJOSCBkE5AONc+GLY61p1ppN/cajbX0Dzxyx2LeYypJKhCxAsST5RIyV6jdtGSIIPFEllPFJpumWNmsV3b3gjj81laSEvtzvkY4PmEEA9hjHOYbfxDcQxQQyW1vcW0VobN4JA4WaMzGb5irBgQ5BypH3QORnNNw7CSqd/wAi6nh5bHxVdaXqCO4i0+e5VZFMbqfsjTR7lz8rA7crkgEEZI65+iaVBqcl297e/YrSytmuJpREZXI3Kiqq5GWLuo5IAySTxVmbxVcT+KJNbewsQ0kBtzaIjpAIzB5O0AMGA2ejcGmW3iIWd9LNaaRp0VvcWxtrizIleKZSc5O9y4YEKQVYYKjHfM+7cfv2LT+GbNLyOVdUd9IfT/t7Xa2v7yNN5i2mIsPm84CPhiOQ2cZxn2mmQalr6WOmS3c8L5KuLMmZgF3MBEjNluCAN2OhJUZIu/8ACX3X27zf7P077J9i+wf2f5J8jyc7sfe37t/z7927dzntVKDWRbX1zLDp1ottdRiKaxzKYmUFWxnf5g+ZFbh+ox04ofL0Bc/X+v8Ag/gbNj4a0+08TXuma/NdoYbKW4iRbX5sfZWmBcGRSjqNp2fMCwKk45MPhKPTB48s4Uk+028siwwfbtOWVJHkwg8yLzQAoLE5DE/KDj0pXfia6u/Er6ybW0hd4xC1tDGVh8ryvJMYXOQpTI4IIzwRxhmn66mm+IE1W20mxDRMskFuzTGOF1IIYfvNxOVzhmI5PHTDvFPTuK0mtewzRNKg1OS7e9vfsVpZWzXE0oiMrkblRVVcjLF3UckAZJJ4rTbwtY7pJ11nOnDTV1FJzasJGXz1haMx54cOWA+YqSB8wBJFK28RCzvpZrTSNOit7i2NtcWZErxTKTnJ3uXDAhSCrDBUY75L3xNdXizRi1tLa3ksksUggjKpDEsqy/Lkkli65LMWJ3N7YS5UtRvnb0GT+H5hrD2NtcW7DyI7mOS5uI7YNHIiuufMYANtdcqCec4JAzTo1Hh+4uodQtbO+a5s3jjMV1FOsLMcBwyFgGGDxkHntmov+Ei1SPUBe2V3NYXAtorUvaStESkcaIASDnkIpPbNVr/U7/VbhZ9Uvbi9mVdgkuJWkYLknGWJ4yTx71nJJmsW1Z9STWb6DUtWmu7SyjsYZNu23ixtTCgHGAOpGeneq1tby3d1FbW675pnEca5AyxOAMn3otpvs11FP5ccvlOH8uVdyPg5ww7g9xVmHUvJ1Ke+S3jSZ97RLF8qQM38SjttBO3BGCFOeMGdlZFaN3Zen0+21DxL/ZWlzR+VGhghlwqieRUJzndg75AcEk4DKOgAo07w219NGnnSA/YjdyxxW5klUbyqqqA8lgUYZwNr56cnItriW0uorm3bZNC4kjbAOGByDg+9XYtcnjv5rhoLeVJ4RbvbyITGYgAFXruG3auDndlQcnmk1LoWnBu7ReuvDCWdzKLm8khgSyW83S2rJJgyLGUMZPDZJxyQcDkA5FF9I2X8sbT4toYUuXm2fMInClflz94+YoxnGT1xlqjfUhi4W2s7e1S5hELpEXIwHV8jcxOcqB6Y7d6kh1yeK8ed4LeZZLVLWWGVCUeNUVRnnIPyK2QQcj8KS5gbhc0ZtKsLiKzeK6aCzh01riadrYCSQ/aHQDYGILFiq8t0GcjGKgOg2u55V1LNmLJbxZTAd5HmiIoUzwwbcByQcDkA5EQ8RTiZCbSzMC2rWhtjEfLaIuXAPOchiCGBDZUEknJMV1rk9yJUEFvDC9qtqsUSELHGrrJxzkksuSSSTuP4K0xtwIXsC+qR2VjIt00zIISpA3FwCoPOA3zAEZ4IIzxmtK50+wudTvora7WKy0y3X9+sIYzlXRHYYPJZnYrk/wB0ZUdMqwvPsNw06JumCMImzjy2Ixv+oBJGCMNtPbBs6Re29lDqP2mKOfzrURpFLv2u3mxtglSCOFJ6jp+FU7kx5TRh0iyhivGa8WW0m01bmK4aAh0/0hEYbOcPkOvBwc/eAJIppokQurxJ73yoLa1juxJ5RLOjmPaNoPDYkHGcZ4zj5qrPq07i4XZGsc8ItxGoO2KMOrgLz6r1OScknJJNW7PWI838t9DDK0lhFbRwsHCyFGhAztIIO2MnqOR+FK0kVeD/AK9Rt1okUUMtxa3vn24slu4mMRRmBlWIqwz8pDFuhIOPfgTRIvtFwtxe+VFb2UN2z+UWJDiI7QM9f3uB2JAzgHIgTWJRcO7wwyQPF5JtSGEYjDBgowQwAYBs5yTkknJyXGs3FzLdSSJCGureO3cIm0BU2YKgcA/u19uTgDjB7wrwNDRrOCz8YWttO0cyy+X5HnWolR/NVdm9C4xgOCcE4I4z1qpoFpYXl3MmoyTKFt5nRY4gwJWJ2yTuXBGAQOc9DgUy31uSDVodRe1t5poEiWJZN4VTGqqrfKwycIOvHJ4qMakIr9Lm1s7e2ARo2hjLlHVgVYHcxPKsRwR7YPNFpBeOnqRC1W51JLXTGkuPOdY4vNQRszHAwRuIHJx1rVudPsLnU76K2u1istMt1/frCGM5V0R2GDyWZ2K5P90ZUdM+HUUt7+S7gtI4X2EQpGzbYWIxvG4lsjkjnhsHtipNIvbeyh1H7TFHP51qI0il37XbzY2wSpBHCk9R0/Cm7ijy7GjDpFlDFeM14stpNpq3MVw0BDp/pCIw2c4fIdeDg5+8ASRTTRIhdXiT3vlQW1rHdiTyiWdHMe0bQeGxIOM4zxnHzVWfVp3FwuyNY54RbiNQdsUYdXAXn1Xqck5JOSSat2esR5v5b6GGVpLCK2jhYOFkKNCBnaQQdsZPUcj8KVpIq8H/AF6jbrRIooZbi1vfPtxZLdxMYijMDKsRVhn5SGLdCQce/AmiRfaLhbi98qK3sobtn8osSHER2gZ6/vcDsSBnAORAmsSi4d3hhkgeLyTakMIxGGDBRghgAwDZzknJJOTkuNZuLmW6kkSENdW8du4RNoCpswVA4B/dr7cnAHGD3hXgaGjWcFn4wtbado5ll8vyPOtRKj+aq7N6FxjAcE4JwRxnrVTQLSwvLuZNRkmULbzOixxBgSsTtkncuCMAgc56HAplvrckGrQ6i9rbzTQJEsSybwqmNVVW+Vhk4QdeOTxUY1IRX6XNrZ29sAjRtDGXKOrAqwO5ieVYjgj2weaLSC8dPUiFqtzqSWumNJcec6xxeagjZmOBgjcQOTjrWrc6fYXOp30VtdrFZaZbr+/WEMZyrojsMHkszsVyf7oyo6Z8Oopb38l3BaRwvsIhSNm2wsRjeNxLZHJHPDYPbFSaRe29lDqP2mKOfzrURpFLv2u3mxtglSCOFJ6jp+FN3FHl2NGHSLKGK8ZrxZbSbTVuYrhoCHT/AEhEYbOcPkOvBwc/eAJIppokQurxJ73yoLa1juxJ5RLOjmPaNoPDYkHGcZ4zj5qrPq07i4XZGsc8ItxGoO2KMOrgLz6r1OScknJJNW7PWI838t9DDK0lhFbRwsHCyFGhAztIIO2MnqOR+FK0kVeD/r1G3WiRRQy3Fre+fbiyW7iYxFGYGVYirDPykMW6Eg49+BNEi+0XC3F75UVvZQ3bP5RYkOIjtAz1/e4HYkDOAciBNYlFw7vDDJA8Xkm1IYRiMMGCjBDABgGznJOSScnJcazcXMt1JIkIa6t47dwibQFTZgqBwD+7X25OAOMHvCvA0NGs4LPxha207RzLL5fkedaiVH81V2b0LjGA4JwTgjjPWqmgWlheXcyajJMoW3mdFjiDAlYnbJO5cEYBA5z0OBTLfW5INWh1F7W3mmgSJYlk3hVMaqqt8rDJwg68cnioxqQiv0ubWzt7YBGjaGMuUdWBVgdzE8qxHBHtg80WkF46epWuFgW4YWkkksPG15YwjHjnKgnHPvU+mWSahei1aVo5ZVKwAJuEkv8ACh5G0MeN3OMjPGSGC7RdSS7js7dFR1cW+GaM4xwQxJIOOQT3NTxau8Et/LBa2scl6rJuWP8A1CtncsYzhQQdvQkDoRVO9tCVy31LKaCj6u9gtxNJLBFmeOK33yeaCA0cabv3hUnk5HCsRwBmsNNRtQuYlkmjtrRd08k8OyRACFI8vcfm3MFAz1IyQMkOfWRP9nN5p1nctBCIAzh0LqMBS2xlyVA2g+nXOBgi1yeO/muGgt5UnhFu9vIhMZiAAVeu4bdq4Od2VByean3ivcNGe407S7e2MNmt9Hd6VJEkk8SxssjTSAS4+b5l24HOcY5HSsrWb6DUtWmu7SyjsYZNu23ixtTCgHGAOpGenem6hqL6gbffDDClvF5UaQrtAXczDucn5iMnk9Tk5Jp04xtqxSlfRbBRRRVmYUUUUAFFFFABRRRQAUUUUAW7HTpr9bhomRFt4mlYyEgNgE7Rx94gMQPRT6VUrc0zVrOGzS1uorhUSOcsY5wEkd42UErsJzghQc4HXHXOLIUMjGJWVMnaGbJA7ZOBn8hQA2iiigCVf+PST/fX+TVFUq/8ekn++v8AJqioAKKKKAJV/wCPST/fX+TVFUq/8ekn++v8mqKgAooooAlX/j0k/wB9f5NVvS9Jl1WK++z72ltoFlSJIy7TM00cQQAd8yZ79Md6qL/x6Sf76/yatfw1dwwRaxbzakmmte6f9njncSbSTNEzKfLVmwUVx0weh61UbN6kybS0KH9jan/an9mf2dd/b/8An08hvN+7u+5jP3eenTmj+xtT/tT+zP7Ou/t//Pp5Deb93d9zGfu89OnNdNba9aStLpk+rzQIuiHS49SKyMrkT+dgqPnERGYhwTtwSoyVE39tabu/sv8At+bb/YH9m/2n5Mnl7/P87Zj/AFnlbf3Oducfw7avlj3/AK/rqZ88u39f103OfsPCWu6jqFzZQ6XdrcWsbSTI9u4MeIy6qRjIZguFB6kiqf8AY2p/2p/Zn9nXf2//AJ9PIbzfu7vuYz93np05rop9Y0+PWNLgGpvexWujy6dJetG4QPKkwGAfn8tPOVc7c4Q4XoKzNJMFhq11bNqemTWcsHlyvcJc+RcLuRwvyIJQQyqc4XlOpBwU4xGpSGWHhLXdR1C5sodLu1uLWNpJke3cGPEZdVIxkMwXCg9SRVNtG1Nb6SybTrsXce3fbmBvMXcVC5XGRkuoHqWHqK07a70uy8VzPav5dlLbTW4kAYojy27RlgD8/lB3JGQX2AZBbio7C7h0aLXreDUkla508W8M9sJFWUtNCzKNyqwGwODkAHBHORktGw7yMn7HdfbvsX2ab7X5nk/Z/LPmb8427eu7PGOuaemm30t5JaRWVw9zE2ySFYmLo28JgrjIO5guPUgdTWno+pQzaw1xrFwgkFoLeF5vMWHARYgsnk4k2+UGX5eSdu7ILV0ctzYXuu+Jzo2qw21j/YlvbpebJo49qtaxsNuGkCnBXB3cHkkZNCimr3E5tO1jhruzutPuntr+2mtbiPG+KaMo65GRkHkcEGrGmWMF99r+0Xsdp9ntXnj8zH75lxiMZI5Offp0rc/4SW0ttQs1uI31aKw0/wCwrKwiPmYkZwyieKQBQG2L8obaoPy5KDJ17VLbVr9J7Oz+xosQQx4hGTknP7qKNe/dSeOvQDOS6I1i+rRHqumJZaxPZafdLqUcS7hPAuQ42bmPBPA5zz2NVobK6uJYooLaaWSZS0SJGWMgGclQOo+U9PQ+lT6NfrputWt3Ku+FHxMmwNvjPDrg8HKkj8a2dP1exg1C4tnmVbT+zfsUTusnllsq77thEmx3EnvhxkY+WobkjVKMnfYwTpt8t09q1lcC4TbuhMTb13EAZGMjJZQPqPWo/s0/2r7L5Mn2jf5fk7Dv3Zxtx1znjFdBd60u27Rbu3/5Bi2cBszPtx56sUJl+b7u72xge1RJe2E+oXAku/s4m0yG3jufLYiORYogwOPmAOx0JAPDHggmkpS6oHGPRlG60G+tprK3+zXDXd1CZfs3kMJFw7rjb1PCbunQ/jVY6bfLdPatZXAuE27oTE29dxAGRjIyWUD6j1reivtPjiWxj1Ro1bSntGuhE4VZPtDSEED5tjD5cgE4YZUcgNutWt4bWW2t9RkuHj0hbMThXUSMZ1dkXPO0ISvOMhcY5Apc0huEN7nOSRvDK8UyNHIjFXRhgqR1BHY1cvtKnsr+KxZJHu3SMtCIyGVnAYIB1Jwy54HOR2yZNPuFn1aK81Jo5IrRFdkkAxKsagJHjvuwq9DgEsQQDT9PvY5tXuLvU5V86dXbfJvWNnc/Nv8AK+baVLjC9yM8Zq22QkjPa2nR5keGRWg/1qlCDHyF+b05IHPc1bsNC1LUppIrW0mZo4jK37piANhdeg6sB8vrkVq397ps2talDa3ca2tzZQ20NwY5BGpTyTyp3OB+6IHU5x25qCTULIeIhLFOzWzWAtRK8ZUqTa+VllGSAGPOM9DjPGZ5pNFcsU9X1Mr+zb77f9h+xXH2v/n38pvM6Z+7jPTn6VZ0/SfP1yLS9TNxYTSusSg2+5lZiANyllwMHOf0qfS5LayuNRtH1NY0urQwJeQpIUzuR8EYD7TtKH5T16EVeivbH/hINDaTVVeHS4ovMuZY5MSFZS5RBtLYAbaMgfd7cUOTHGMd2c7b2093cLBaQyTzNnbHEhZjgZOAPanSWV1FeizltpkuSwUQNGQ+T0G3rk5H51q6a1pYTX1q2rxqt5ZNEt1AkpRG3q21gVDYIQqcA/e781Ze+0831nE999p+yaf9mW4lEqQsxZiVO395sCOyDAGSBkbc03J32EoK2rOf+zT/AGr7L5Mn2jf5fk7Dv3Zxtx1znjFWdS0qfShaLdpJFNcQ+a0UsZRo/ndQCD7Ln8a2bq80qbxBqCwXqw201hHbW12sL7UZUjB4OXVSEZP4jhucjNZ9+bCeXSLSO+zBDD5M9x5LYQmaRmIXqwAYEdCRjgHICUm7A4pXM2C2nun2W0MkzDHyxoWPJCjp6kgfUircOjXUkl5DLDNFc20SuLdojvctIiBcdQT5gP8A+ur2kRxxvr0NtqCxw/ZDGt2yuoZPPiGSFBYBhxjB64NOfWkW1uLdLuR2i0wWMU+WHnfv1cgdwu0sozjKqOBnaByd9AUY2uzGSyupLh7dLaZpo22vGIyWU7guCOoO4gfUgVbtNI33F9Bqc/8AZs1ravOsdwm1pGABEeCRyQeOv0rVtbiO7l1RoL1bZDo9vC07BwFI+zo6naC2CQV4Bzn0rI1a9F0bSFZWnWytxbiZs/vAGZsgHkKN20Z7KDgZwBNvQHGMdRus2MGmatNaWl7HfQx7dtxFja+VBOME9Ccde1UaKKtbGb1egUUUUxBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUVu6NczT2kOl2N7e2t29w7KLdTsfcqAbiGBAG0knBwCTWFQAUUUUASr/AMekn++v8mqKpV/49JP99f5NUVABRRRQBKv/AB6Sf76/yaoqlX/j0k/31/k1RUAFFFFAEq/8ekn++v8AJqiqVf8Aj0k/31/k1anhuxjupNQuprL7emnWT3RtDvAl+ZUyShDBV8zecdkI4zkNK7sJuyuY1WbDTb7VZ2g0yyuLyVV3mO3iaRguQM4APGSOfetrQ4bLUbzWL+XRUmjsdPa5j0+3klEe4PHHuY7i+1Q5c/MPu9QK07Wytrbx34MurTT304ag1pcval2ZUb7QU3IW+bawQOMk/e6kYq1C5DnbQ4mitzwxZW1ydVurvT31Eafp73KWodlV23om5yvzbVDlzgj7vUDNbU+maTDC+pzaI8KyaFHfrYtPIEWU3awhgT83lsvzYJJw5ww+VglBtXBzSdjiaK3LKTQpdclkkiSG2aBWhjuzKYEmIXeH8smTyx+8CYJbPl7jjdU6aHb3via4tLyS30uIQLPF9ldPLZWVChU3MyHDKwbBbcM/dHICcdLlKV3YwYbae58z7PDJL5SGSTy0LbFHVjjoB60+VLzT5JrWZZ7V3UJNE4KFlyGAYemQpwfQGtXUkPhm/kg0jUfPS7tDFNJiBsqxIZP3ckqj7o/iDew4Jm0nWJb/AF68vNUhhvbma0nLSSBlIC27jACFRggAHj6YPNZttamsYxlZdTnKK17D7FcNqd3cafHst7VZIreOR1QN5sadSSxHzHIz3OCOCGpDZXUeqzW8LIkVoksasT+7kMkStjk5X5nAzk4xnmjmDlMqpYbae58z7PDJL5SGSTy0LbFHVjjoB610lrolomt3kV3bbRZ6ZFcNDMZQokMcW4vsBfALsxAx06gZqlf39vp10x8OzRxrd2XkXawh3jySQyqZVDAEKp9QSQDS576IfJbWTMi4tp7S4aC7hkgmXG6OVCrDIyMg+1RVZ1HUbrVb+S9v5fNuJcb32hc4AA4AA6AVWqle2pDtfQKKKKYgooooAKKKKACiiigAooooAKKKKAHJK8auqOyrIu1wDgMMg4PqMgH8BTaKKAHJK8auqOyrIu1wDgMMg4PqMgH8BTaKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAJ4r67gt3t4LqaOGTO+NJCFbIwcgcHioK1NO0tZ7P7XcI0kRkMSgXCQAMACcu4I/iGF6n5jxt5zZI3ikaOVWR0JVlYYKkdQRQA2iiigCQMBbuueS6kD6A/41HUtvEk8hjaVYmI+Qtwpb0J/h+vTOM4GSGOjxSNHIrI6kqysMEEdQRQA2iiigCQMBbuueS6kD6A/41HRRQAUUUUASBgLd1zyXUgfQH/GnWl5dafdJc2FzNa3EedksMhR1yMHBHI4JFQ0UAXf7Z1P+1P7T/tG7+3/APP357eb93b9/Ofu8denFPTX9Yi1KTUItWvkvZV2SXK3LiR144LZyR8o49h6Vn0U7sXKjQfX9Yl1KPUJdWvnvYl2R3LXLmRF54DZyB8x49z61BcalfXc8891e3E8tyoSeSSVmaVQQQGJPIBVeD/dHpVaii7CyLNhqV9pU7T6Ze3FnKy7DJbytGxXIOMgjjIHHtUM00tzPJPcSPLLIxd5HYszsTkkk9ST3plFF2FluFOjleGVJYXaORGDI6nBUjoQexptFIZPNe3VxLLLPczSyTKFld5CTIBjAYnqPlHX0HpTbe5ntLhZ7SaSCZc7ZInKsMjBwR7VFRSsh3d7k8d7dQ3SXMNzNHOihUlWQhlAXaAD1A28fTii7vbq/lEt9czXMgXaHmkLkD0ye3JqCiiyC72CiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDRtNQtI7NLa/sWuUjmMyFJjGeQAyng5B2r0wRjrzVS7uXvLya5lCh5pGkYL0BJycfnT7awmuoy8T26gHGJbmOM/kzA/jUU8EltcSQTrtkico65zgg4I4oAjooooAlt5kgkMjRLKwHyBuVDepH8X06ZxnIyCx3eWRpJGZ3YlmZjkknqSacoH2VzjkOoz+DVHQAUUUUAFFFTR2k8sxiWNt4jMu1uPlCbyef9kZ96NwIaKKKACipIIJLmQpCu5gjORkD5VUsT+QJqOgAooqxYWn269jtvtEFtvz+9uH2IuATye3TH1ppNuyE3ZXK9FSQQSXMhSFdzBGcjIHyqpYn8gTUdIYUUU5Ud1YorMEG5iBnaMgZP4kD8aAG0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBf0srA018XQPaIHiVnAZpCQFIHU7Sd3Qj5cHrVCiigAooooAlX/j0k/31/k1RVKv/AB6Sf76/yaoqACiiigCeylihu0e4TfGM5GA2DjhsHhsHBweDjB61p6VfXNhrE6jUWX7RFKDKk5CyO0beWxPH8TA5bG0nnGDWOEzCz5+6wGPrn/Cm1UZOLTRMoqSszo9GuJIdbvW1G8Vrx7VlinN2mS/y8LMQyqdgYA/hkGppr6aXXEcJGsotBG041SASnDcOJwAofGFPBJXPrmuWorRVmlYzdJN3OhttSmtPEVz5WqzkTwuhla4JzIYWCBnzhtrkAP043DAqCxmvY9bna4nWa4aPDz/2hGjj7uCkxJGcYHGflLD6YtFL2j/Efs0bpdZr/VYTe+fLc2yoklxODlg8bFTISFO0Kw3ZAO3jqBVq0nMXjOzks9QiWGKO1WaZbgRI8apGHGWIz0+7146cVzFFNVdb/wBf1qHs9LG1pU11o2ptD9tWATwSLmC6UoXMbrHuZGIGGI5J468das6NcSQ63etqN4rXj2rLFObtMl/l4WYhlU7AwB/DINc5RSjUcbW6A6ale/U6ma+ml1xHCRrKLQRtONUgEpw3DicAKHxhTwSVz65rLnc/29LN/aDOEAZ55XErY2gFPSTGdn91gM8LnGVRROo5KzHGmou5JO8clxI8MflRs5KR7t2wZ4Ge+PWo6KKyNAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANzTI410pJd9vbvJctGZLiGOUSAKuFUNnBGTyQq/MMsMCszUokh1W7iiiaFEmdVjY5KAMcAnJ6fU0W2oT2sZjj8pkJ3bZoUkAPcgMDjOBnHXA9BUEkjyyNJKzO7kszMcliepJoAbRRRQBKv8Ax6Sf76/yaoqlX/j0k/31/k1RUAFFFFAEq/8AHpJ/vr/JqiqVf+PST/fX+TVFQAUUUUAT2Vt9ru0g3bd2eQMk4GcAd2OMAdyQK0dHOnzajcefZSNH9mmaNFmHyhYXOTlTluAQRgA847VkYO3OOBxmpxfXAvPtQk/fd2Kg7uMHcOjZHXOc5Oc5NVF8skyZK8Wi9pdhZalfXRxLFbQQGURtcRhmOVUAyMFUfM2c46cYJqebS9Nj1JI0uN0b2wlEJu4siTODGZhlBwCwJAyMDAJrOh1W7t717qB44pJEMbqkKBGUjBUoBtIPpjrz1o/tS4+0+f5dpv2bMfY4tuM5+7txn3xmtFKFtV/X9fIzcZ33/r+vmaOnwWMWs3UN1YzlVtpWjRrhGwBCzZ3bMNngqwwBwfmqlZwWN3qEgxJFCEzHDJcorO3AwZSoVe7ZI7Y6kGq/2+5+2/a/M/fdM7RjGMbdvTbjjbjGOMY4py6jMl29yEtt7jaQbWMp26IV2jp1A9fU0uaO3mPllv5Fh7CLzNS/dSwC1gWWNGlWTOXjXO4ABgQ5II9uT3v6Qkem+LrBInnVpUgCSI6BkaWNMn5lYEDe3GPTmshdSulu3ufMVncbWDRqyMvGF2EbcDAwMYGBjGBUiazfJqX28zLJdYUebLEsh+UAA/MDyNo+br7804zimmu4nGTTT7E2grZveTLe28k/+jTMu2QKBiJyeCpyeBg8YPPNO0uwstSvro4litoIDKI2uIwzHKqAZGCqPmbOcdOME1TbUbhrtLkeVHIg2jyoERSOcgqoAOQSDkcjg8U6HVbu3vXuoHjikkQxuqQoEZSMFSgG0g+mOvPWiMoqyY3GWrRJrNna2VzELKXekkIdkMySmJskFS6HB6ZB44I4qbQrCxu4tTn1NrgRWNoLgLblQzt50SbcnoCJCM8464bG0591dSXcoklWJSBtxFCkY/JQB+NEF3PbQ3MUL7UuoxFMMA7lDq+Pb5kU8elQ3HmuikpctjaOgQnxKLWPzms/s0V4xMscZjSSJJFRpXwi8yKm88ZIIUkhDuaf4P0QaxPaaq984ku9OtrUWlxEQhukLnc+1g4RRgMoAYjoA3HJx65qEV79qEyPJ5CW7LJCjo8aKqqrIwKsAEXqDyoPUZqzceLdbutUfUZ73fdyXMF00nlIMywqVjbAGOATxjB75qlKC6EOM31N2DwxoN9fJcWb30enHS5L4RXN1BHJIwuWgRTKwVIwSFY5DY5A3HFVrjwdDfa7FZeH7reJLIXUkZJvWgbdsaMvaq4bnDBtq8MAcHri2XiLVNPkhe0utnk2z2iqY1ZGhdmZkZSCHUs7HDA9vQYq3+oTajOs1wlujKu0C3to4Fxkn7sagE89cZ/Kk5Ra0Wo4xkpavQ2Lu31DwTf3Fo/lyPfWLROZLeeLEbnBIEqI2fl64I+vOGT6i+vz67qd9DCJ2tI2GxeEIlhTK5JIO3I69zWDU9peTWUpkt2UFl2srorq464ZWBBGQDyOoB6isXFXutzoUnaz2NlLCxl0y3nu1kRYdMNw3kBQ0rfa2jAJPqDjPOMA4OMGXRUj0vxvYpA9wvn+T5MkboHi89FPO5GDYWQjoM9eOlZF1rN/ePK1xPu82FbcqEVVEalWVVUDCgFQeMfqaLfWL22v0vYnjNxGiIjyQo+0IFC4DAgEBRz1461PLJp3L54pproWfDq2L3s639tJcf6LOybZFULthcngq2TwMHjBGeelRWmr/wBmXF8dMg2w3lq9qyXD+YyqwGTuAXnI44/OoX1S5a9S6XyY5UXaPJt441I5yCqqFYEEg5ByODxUFxcPdXDTSCNWbGRFEsa9McKoAH4Cny3epHNZaGhe6o+v69LeahbhpbvahW2U5UgBQVUnk8DgnnJ6cEZ08XkXEkW9JPLcrvjOVbBxkHuKIppId/lNtLqUJA5weoB7Z6cdiR0JqOqSsrIltt3YUUUUxBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGjaWFpJZpc3981skkxhQJCZDwAWY8jAG5emSc9OKqXds9neTW0pUvDI0bFehIODj8qt6bfraxuss8qAHfGscKOd3cq7cxngfMoJ4B7Cql3cveXk1zKFDzSNIwXoCTk4/OgCGiiigCVf+PST/fX+TVFUq/8AHpJ/vr/JqioAKKKKAJV/49JP99f5NUVSr/x6Sf76/wAmqKgAooooAlX/AI9JP99f5NUVSr/x6Sf76/yaoqACiiigByI8sixxqzuxCqqjJJPQAVMLOR7z7NCUmk7lGG0cZPzdMDnLdOCc45pltcPaziVArHBUq3RlIIYH6gkcc+lXbK6sIJryKYXH2S6g8vcoUyRncrjjgNhlA/hyOeOlVFJuzFJtLQu2ugwnVNOtrpmkFxAZJRb3MOS3mOihGJ2novGSev4ZFnYXN+8i2ke8xp5j/MAFXIBYk9AMjJ7Dk8A1qwalpkeqaVLm7WDTkX/lmrNIyzM/TcAAQ3qcdOeppLPZ2sV7FayTzLcWwjVpIQhDeajcgM3GE656np3rWShZf10Mk5/16kcOk3s969pFDmWNDI+XUKqAZ3lidu3GCGzg5GOopzaNfJfpZvCqyvH5qEyqEZNpbcHztIwDznHBqbR9UjtLm4N95kiT23kb9iSlMFSp2PwwGwDBxx0IwKstqtnLcSx3Us8trLafZw8VrHA0R8zzBiNTtI3DnkE7j6UlGm1v/X9dQcpplSy0Sa8vJrfzrZDDGzs32mMg4QsADuwemCRnb1PSoYdKu7i9e1gSOWSNDI7JMhRVAyWLg7QB6568dada3FtZamzRtLLbtG8RdowrgPGUJ27iONxOM846jPElncWFtcXkEjXMlpcweUJVjVZFO5XB2biD8yAY3dO4pJQsr/n/AF9425f0hp0LURctAbf51hE5IdSvlkgBw2cFeRkg4HOehxXNhci6e28v96iNIRuGCoUuWB6EbRkEdR0zmtC41Oz+zSWtos5iFittG8oAZm88SsxAPyj7wAye1R6E+oyeILSewinu7iF0O1GOSgwuC38K4wuTwAfSm4w5kkClPlbZnyQSQxwvIuFmTfGcj5l3Fc/mpH4VLYadc6lO0VoqEqu93kkWNI1yBlnYhVGSBkkZJA6kVLrF2Lu//dytLDBGlvCxz8yIoUMAfu5wWx23GpdBvYbG+eS5u5raNoyreXZx3Sycg7XjkZVK8Z5zgqpxnkRZc1irvluQyaTdxyXiYhk+xRrLO0NxHKiqWVQQysQ3zOo4Jxn2OLmkeF9Q1XxHaaQsEyvP5LyPFH5vkwybCJWC/wAIV1JyRjODip01bTG1PVE8qa2sdRtlt2khhUupV45DIItwUb2iJ2BgE34BIUAvOv2I8daZrEENwllZtZExOVeTbCkasMjAY/IcHjPHA6B2jcm87BB4al1fxdb6Lp+lanp7M0a3Md0DPJbqzAGVgETCgMp5H481Np2g2V940g0u50zU9PiC4mtJ7yFbpnI+QIZVjXJLJ8uCSMkZ7Y2gX8WleJNM1C4V2itLuKd1QAsVVwxAzjnAqbwxeWOm+JLLUNTkuEis547gLbwrI0jI4bby64BAPPOPQ0Jx09Qalr6FKx0651F5ktFR2hge4dWkVDsQbmI3EbiACcDJwDxxRfadc6c8KXaojTQJcIqyK52ONyk7SdpIIODg4I45rX0+70LRr6S+tZ9RvLm3jD2HmWyQKlxk4d8SPlU4YDnceDgDm1/wlkNnqy61pUdwNSu4GXUUlnkiRpSwLSI8MiNhyNxQ8KScZGNqsreZXM3LyMPTItOl+1/2pPJDstXa28sZ3zDG1TweDz6fWtD+zNEvPEx0/TtRuvs00sUVrMbcOWLAA7slCAGPof8AGrr2vXPiG/S7vF2ukQjA8+aXgEnrK7t36A49uua+k3aWGtWN5MGaO3uI5XCjkhWBOPfismnumbRktE0SR6YNQvTBohmulWIySPPGsIjA6kneVCgY5JHXH1JNC1CK9FrLCqOYhMHaVBH5Z6P5mdm05AznGTjrxUug6lb6bcXP2tGMVzbmEssSSlDuVlbY/wArDKAYOOuQQQKsvq8D6mkhv5vIS38oY0uAKRvLbDCH2Fcndk98ccA1LckykoNXK1hoE97fT23n2qNDE8jN9qiIJEbOADuwR8uCQTtzk9Kz7i3e1uGhkMbMuMmKVZF6Z4ZSQfwNaCajax67JcxQsltJE8LbVAPzxGNpAgOAcsW2A4H3Qcc1TC2K6kgMlxLZb13v5apIV43YXJAPXHPpVJu+pLUbaBZaddai8i2cXmGJPMk+YKEXIBYkngAsMnsMk8AmtCHw3dmS8guYWWeK0W5h2upR1MiDfv5UptZjuzgY5PBp+lrYt/boElxFZfZfkfy1eQL9oi25XIBPTPPrUT6tB9luLWNJPJFkLS3ZgNzfv1lLNzxk7uBnHA5wWMtyb0KUYpXZWi0a/mupreKDdJAgkk+dQqpkDfuzjb8wO7OMHOcc1Zj0mCxuLqHxC8lq32JprQxEOs0hAMeGUMCp55Bxx1FXLW5tb86o8zzQwDSreJ2WMOwKNbocLuAI3L6jj8qyNQu0uDbxQBvItYvJiZxhmG5mLMBwCWc8DoMDJxkibegNRirk+o2Vi+tT2+gXDXNsADA0oIeU4GVHyjnOcDAzjAySM5lS27QpIXuEaQKMrGOA57AnqB9OeMcZyJYZobnV459XaZoJZw900AUSFS2XK543YzjtmrWiM27u5Vrqv+EKeXXp9Ihu7eOextDJdvLdwgeeIWlaNQWHCkeWxBYKVLHA4GfpV5p2m+KG1K2eYW1jK1zYxzjMkrK2YVfbx97aX5Hyh8HO0GHStW+za3Je6g80/wBoininlzvk/fRvG0nJ+ZhvLYJGSMZGc0xBbeHdSvNVl0+zihnmhiM0rxXMbRRoF3F2lDbAoB5JbGeOvFPl8L6vBqQsZ7ZI5DAtyJHnjEJibG2TzS3l7SSAG3YLEL14q7oGr6Voeragpa4ubC8tDbrPJZws6NuSQMYHLIwDoBgt0OQQcVNJ4gtpNbimbVbgWsVp5C7dDtlUjzC/lm3EnlsuSXycndg4yAaAKWleFLrU9UurL7VYxNbQSSs/26BlYrE0gCnzMMDtwWUkJnLYxVKPQ72XUpbGL7O8kK75JFu4jCi8cmXd5YGWAzu+8QvU4q7HrFhD4pmvYbd4rOaCW3fy0VW/eQNE8ojB2qSWL+WCFGdoIGDTNMu9P03WZmh1G7SzMW0O+mxTGb7p2vA8mwrkZGWblVOM9ADMvLSSxunt5mhZ0xkwzJKhyM8OhKnr2PtW1qXhpLG51K1+0f6RpNjFNdYZZFaZpIkeMFThdhm2nlsmM9N2FLXVdOg8XHWYE8iKzxcW8Xl7fPnQDadi/KitIN7ICAq7lU5C5q6XqkQm1NdXluGXVIPKmuUUSyK3mpLv2sy7yTHg5YfeJ5xggD4vC99d29nJpy/aTPYteyglUECC4aEksTjaCoJbgAEk8KTU/h7w6t54ui0rWIpgn8cdtcwRySbh+78ppGCPuLIRgncpyM9amvde0sWM+n6bHdtbrpCWEMs6qHkf7Utw7soOEXO8AAseFyeTgsdc0seNNN1e9a7it7CKyIWKBZHkeCOJSuC6gKSjYbJPTj0AM/w94em8QXM8UNxbwCGCSUma4jjJKxu4ADsuQSmCwyFByeKoXFjPbXxs28uWbIUC3lSZWJAwAyEg9ex68da0rO70vSdbWWznu7q0ktpoJXltlikTzY3iJVBIwbaH3AFhkjHHWqLzQWWpM+mSyXEABUNcQiNnVlwwKqzY6kcNnHPB6AFeaLyZmj3pIV6shyM9xnvjpkcehI5q3daa8WpLYQDzJ1Ueb867Q+NzDPQBeQSTj5ScjoEs5ra11MXUbOEg/exI4yxccqpxwQGxk8ZAPQkCnafewLLeLqRndLyExvLGQzq25XDYP3vmUZGRwTzVRSbsxSbS0L9roMJ1TTra6ZpBcQGSUW9zDkt5jooRidp6Lxknr+GRZ2FzfvItpHvMaeY/zABVyAWJPQDIyew5PANasGpaZHqmlS5u1g05F/5ZqzSMszP03AAEN6nHTnqaSz2drFexWsk8y3FsI1aSEIQ3mo3IDNxhOuep6d61koWX9dDJOf8AXqRw6Tez3r2kUOZY0Mj5dQqoBneWJ27cYIbODkY6inNo18l+lm8KrK8fmoTKoRk2ltwfO0jAPOccGptH1SO0ubg33mSJPbeRv2JKUwVKnY/DAbAMHHHQjAqy2q2ctxLHdSzy2stp9nDxWscDRHzPMGI1O0jcOeQTuPpSUabW/wDX9dQcpplSy0Sa8vJrfzrZDDGzs32mMg4QsADuwemCRnb1PSoYdKu7i9e1gSOWSNDI7JMhRVAyWLg7QB6568dada3FtZamzRtLLbtG8RdowrgPGUJ27iONxOM846jPElncWFtcXkEjXMlpcweUJVjVZFO5XB2biD8yAY3dO4pJQsr/AJ/19425f0hp0LURctAbf51hE5IdSvlkgBw2cFeRkg4HOehxXNhci6e28v8AeojSEbhgqFLlgehG0ZBHUdM5rQuNTs/s0lraLOYhYrbRvKAGZvPErMQD8o+8AMntUehPqMniC0nsIp7u4hdDtRjkoMLgt/CuMLk8AH0puMOZJApT5W2VI7CeTygAoaeMyQqTzKAxXA98q3BxnHGSQDWrUv723uNTLSM9zb20KQW4yQsgRQoJ7qpwWIHPOMjO4Z880lzcSTzNuklcu7Yxkk5JrOSSdkaRbauyOiiipGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFOSN5GKxqzkAsQozwBkn8ACabWx4ejvJZrpLSGWSNraZZTHGT1ifapIHc9u5A7gUAZ1tY3d7u+x2s1xsxu8qMttz0zj6VBXQ6XaTSacsdvZ3U17b3p3wxEx7WIHlmQ9cArIO2Mn5l74+pPBJqt29oFFu0zmIKu0bdxxgduO1AFaiiigCVf+PST/fX+TVFUq/8AHpJ/vr/JqioAKKKKAJV/49JP99f5NUVSr/x6Sf76/wAmqKgAooooAXcQhXPBIJH0/wD10lT2Xkfa0+1/6rnOc4zjjOOducZxzjOOaspby3WtrFqJZRkNMy4+WIDJK44wEGRjjGMdqAKptZ1ZV8pizR+aFHJ24JyQOnAzz256c1DW/purS3HiC5ljigX7TDKscTQI+3ELLHGuV/3VwPvcAg1Jo1vJNrd6uo2areJas0UBtEyH+XlYSVVjsLED8cE1rGnzJW6mUp8rdznKckbysVjRnIBYhRngDJP4AE1080KtriLFo92s32Qb8aYAQwbHmi3JKkFQFPIGSWHIFQ2c01n4kuYR9md5YJFA+yRg7zA2xNm3CtkhWQdWyDmq9lZq/cXtLrTsc5RW1YxXT63Ol3pspuvL5SKwVjD935vIwFORxzj727qBTzZvNf6rbeXHcXTWy+THFAqNu3xkgRqPlcLuDAdMN15NT7N2uV7RXsZVhYXOp3sdpZR+bPJnam4DOASeTx0BqFI3lYrGjOQCxCjPAGSfwAJrpbSzkTxnZ2sFnFOnl2ouEWBJk2FI97dCOp+8PXrzVXRlvdK1V7e4tfJlntpdkdzbKWZvKcIFDjPLcYH3unPSq9nsn3sT7TdrtcwqK6PRreSbW71dRs1W8S1ZooDaJkP8vKwkqrHYWIH44JpupKy6tF5Nm1p/oo+1i6tfs6SAMQXMYJwDhfu/xD5QGxUum1HmKVROXKc9RUk/lfaJPs2/yd58vzMbtueM44zio6yNAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiir+lQW08k63Ku7i3laNVOFBWNm3E9eCo47568YIBQoq/pUFtPJOtyru4t5WjVThQVjZtxPXgqOO+evGDQoAKKKKAJV/49JP99f5NUVSr/x6Sf76/wAmqKgAooooAlX/AI9JP99f5NUVSr/x6Sf76/yaoqACiiigApyu6KwRmUONrAHG4ZBwfxAP4U+2t3upxEhVTgsWboqgEsT9ACeOfStHSrXTLq/nSd7gRLBK0Y8sMW2xMSx+YYwRkLz6E9zUYuTshSfKrsyaK1NO0iPVNQnitJp2ghhMpYWxaVwMDCxqTk7mA+9jHJIqzN4baHUktjLOVkthcKgtSLhhnaVERIywIJIzjaC2T0qlSm1dIh1Ip2ZhUVsafYac+q3VvdyXYWKGUqrWwVtyxMTuG/5SpHAyc4wcVXs9Ohv9QkhtZp3iRN67YAZpOgwsYbk85+990E9sUezkPnRn0VebT0MmoCOSUCzjDkTQ7HJ3ohUruO3BY9z09+L+kWkNp4os4J2jl81IiglthKhaVFIDKWHA39c9QOKFTbaQOaSuYVFaWiWtjd3UqX7yqFgldBHGGztjdsk7hjGAQOc9DinadpEeqahPFaTTtBDCZSwti0rgYGFjUnJ3MB97GOSRSVOTSt1BzSbv0MuitDWdKbSbmKMtIyzQiVfNhMTqCSCGU9CCp7kEYOeafo2lQakt/Jd3v2OGxthcO4iMhYebGm0AEfMfM4zgZABKglgnFp8rHzJrmMyitkeHnbxLFpcUk0yyxpPG0Ns0krRtEJVxGufn2EfLnaG6tt+atqx8BwSapdWWqarNYOlzZ20CmyLSSNdKWQOpceWyqMsMnBBAJwMtQk9hOpFbnGUV18Hgi2vtUSLS9UuLyyOnyX3nRaezTSKszQhUhDEsWZQRkrgNk4wap6v4OudO1aCzgnTFxaLdp/aBWwdVLFSrrKwAYMp4DHI5GRQ4SSuwVSLdkc5RWxGo8P3F1DqFrZ3zXNm8cZiuop1hZjgOGQsAwweMg89s1dgks9c1jVb2HSrOFFtVkhtJZ/KhRg8SElgUHQseo5PesnK3Q2UU1o9TmqK3LTRG1bWrqEJHbLbwmZ47AG6yBtAEYDNuJLD+LAyckYxRd+G5LXWrWyVrhxdQidQbRxMB82VMXXdlGA5weDuAOQc62D2crXMOiugtdEs7fXLqx1aS4Ux2rzRqsHzY8hpAWBcbWUbTt5BIIzjms1bKCcX8lpcSNDaQrKpliCM+XRCCAxxy+ep6e/BzIHBoo0VrpokX2i4W4vfKit7KG7Z/KLEhxEdoGev73A7EgZwDkO0/QBqOqXFvBctLDDb/AGnfBCZZHUhcKEU/fy6gjOFO7nijmQcktjGoroLm1i8MXUsd1a/bVvtPPk/aYTDJAzHG4owOGUq3Q8jkHmqWo3tlqutT3CWq6bBMAI44sFISABkgKMg4OcDIznnGCKV9tglHlWu5mUVJPDJbXEkEy7ZInKOuc4IOCKjqiAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKt2F+LCR3FrDOzoUzKX+UMpVgNrDqCev4YqpVmzsJ74TGEKFhjaR2Y4HClse5IU4HsewJABJZ6itncTSrZW8hkDKFcyYRWBUgYYHo2OcmqkjB5GZUWMMSQi5wvsM5P51PbWiTxl5by3thnAEu4lvXhVJHUcnGe2cHEU8EltcSQTrtkico65zgg4I4oAjooooAlX/j0k/31/k1RVKv/HpJ/vr/ACaoqACiiigCVf8Aj0k/31/k1RVKv/HpJ/vr/JqioAKKKKAHI7xSLJGzI6kMrKcEEdCDViO+eK++1RxxKSCrxhcIwZdrDA6ZBPTGM8Y4xEv/AB6Sf76/yaoqadncHroXrfVPst3NLDZ2whnjMUlswZoypx6tuHIDZByCKb9tt/tPm/2XabNm3yd0u3Ofvffznt1x7VTop8zJ5UXP7Tm/tH7Xtjzs8ry8Hb5ezZs65xs+XOc9855pq3cK3bzHT7ZkYYEBaTYvTkEPu7dyep9qq1M1rOl0LYxMZyQojXltx/hwO/OMdQeOtHMw5UWBqsv2uWaSGKRJo1heBgwQxrt2rkENxsXnOfl5JycyJrcq6wmpSW1tLNGIwilWVFKBQrAKR/dHHTk8VYt/Dc76jZ2t2LmAzwNNKBaO7wgMyjKDk5Kjnj7wrJht5rl9tvDJK3HCKWPJAHT3IH1Iq37SO/8AX9XIXI9iwNQEd6txbWkFuAhRokLlXVgQwO5ieQSOCPbB5p1vqn2W7mlhs7YQzxmKS2YM0ZU49W3DkBsg5BFV0s7mW7NrHbyvcAlTCqEvkdRt68YNO/s+8+2/Y/sk/wBq/wCeHlHf0z93GenP0pJz6FWj1G3U8c8oaK1itgBjZEXIPv8AMxP60+1v5bO2vYIlQrewCCQsDkKJEkyPfMY/DNT2uhand3U1tHZTiWFC8itE2U+UsARjgtjA9SRVf+z7z7b9j+yT/av+eHlHf0z93GenP0pcst7BeO1y8niG4+2vPPbW88ctpFZzW7hwkscaxhclWDA5iRshhyPQkVdm8a30usHUEtLGBvtdpdrDDEyxo1shSNVXdwuG5HsMYrEOn3i3LWxtJxOmN0RiO5ckAZGM8llA+o9ajNvMJnhMMglj3b02ncu0EtkdsYOfTFF5oOWDNWy8TXVmsMZtbS5t47J7F4J4yyTRNK0vzYIIYO2QylSNq++Yf7dubW/+16Gv9iOYvLYadPMm4ZyclnZueOM44HFZzRuiozoyhxuQkY3DJGR68gj8DUlpZ3WoXSW1hbTXVxJnZFDGXdsDJwByeATSu3oOyWpJf6nf6rcLPql7cXsyrsElxK0jBck4yxPGSePemW929vDdRIFK3MQifI5ADq/HvlB+tOuNNvrSeeC6sriCW2UPPHJEytEpIALAjgEsvJ/vD1qSy0q6vdZs9MC+RcXkkUcfnAqB5mNjHjO0hgc46HIpWb0HzJaiadqL6dLKywwzxzRGKWGdcq6nB7EEEEAgggggVImqrFcO8On2scMsXlS2wMhSQbg3JLlgchTww+6PfL49NtdQ12y07RLqab7XIkKyXkAh2uzbRkK7/LyOc568et3SNAsdd8Rw2Gm3movaGNnnuf7LaSSLGf8AllE7krnaM5HLdOOT2d2HtLIo3GuT3GttqXkW8TMgiMESFY/L8vyygGcgFeODkZ4xxUcWpCG6mkis7dYJ0EclrlzGy5Bxndv+8ob73UenFV7azurzzfsltNP5MZml8qMt5aDqzY6KM8k8UXNndWflfa7aaDzoxNF5sZXzEPRlz1U44I4qeVWK53fctXGs3FzLdSSJCGureO3cIm0BU2YKgcA/u19uTgDjEenai+nSyssMM8c0RilhnXKupwexBBBAIIIIIFO0yxgvvtf2i9jtPs9q88fmY/fMuMRjJHJz79OlXpPD1u3iGTS7LWrOb5444JmD7Z2cDgbA4GCccn+uJvFaFpTfvGVd3EdxKHhtIbRQuNkJcgn1+dmOfx7U23uHtZDJEF8zGEc9UP8AeHv79uo5AInfTne9S106VdSkdcqLSOQknnIwygkgDPSmf2bffb/sP2K4+1/8+/lN5nTP3cZ6c/SquiWmVqK0rTw9qt5eTWsdjcLNAheVWhYFPkLAEY4LAYAPUkVSuLae0uGgu4ZIJlxujlQqwyMjIPtRdN2E4tK7IqKlgtp7p9ltDJMwx8saFjyQo6epIH1Iq3Do11JJeQywzRXNtEri3aI73LSIgXHUE+YD/wDroukCTZn0VOlldSXD26W0zTRtteMRksp3BcEdQdxA+pAq3aaRvuL6DU5/7NmtbV51juE2tIwAIjwSOSDx1+lF0hqLZm0Vo6ppSWerXNpp93HqEUChxPERhxtBJABOcZOcE9CexxnUJ3VxNNOzCiiukHgbWZtUfTrS0uJrq3tFubtRbviBmiMqxnAJ3FQFAIHzkr0G4sRzdFXf7G1T+1f7M/s27/tD/n08hvN+7u+5jP3eenTmj+xtU/tX+zP7Nu/7Q/59PIbzfu7vuYz93np05oApUVtaf4Q17UdRubGHS7tbi1iaSdHt5AY8Rs6qw25DMFwoPUkVS/sbVP7V/sz+zbv+0P8An08hvN+7u+5jP3eenTmgClRU95ZXWn3T2t/bTWtxHjfFNGUdcjIyDyOCD+NbUnhKaC/ns7y9hsZbOxjvLxruORVh8wptTCqzFv3seflGDuHQZIBz1FXf7Lmn1X7BpJ/tWVv9WbKKRvM+XcdqsobjnPy9j25pkumX8GpDTp7K4jvSyoLZ4mEhZsbRtIzk5GB3yKAKtFa+leF9Z1m+urSy0+4aa0WQzr5LnymVWbY2AcMShUA9W4qlcaZf2lxPBd2VxBNbKHnjkiZWiUkAFgR8oJZeT/eHrQBVoq1Fpl/NceRDZXEk21H8tImLbXKhDjHRi6YPfcuOooi0y/n1I6dBZXEl6GZDbJExkDLncNoGcjByO2DQBVoqe8srrT7p7W/tprW4jxvimjKOuRkZB5HBB/GmTQyW8zRTLtdfvLnlT6H0PqOoPBoAjoq3dafNbXkdoUd7llQtEEOQzAEKB1JwR2HOR2yb9v4bnfUbO1uxcwGeBppQLR3eEBmUZQcnJUc8feFVGEpbEylGO5i0VJDbzXL7beGSVuOEUseSAOnuQPqRTks7mW7NrHbyvcAlTCqEvkdRt68YNKzHdENFWP7PvPtv2P7JP9q/54eUd/TP3cZ6c/SrFroWp3d1NbR2U4lhQvIrRNlPlLAEY4LYwPUkU1GT0SE5RW7M+irH9n3n237H9kn+1f8APDyjv6Z+7jPTn6UHT7xblrY2k4nTG6IxHcuSAMjGeSygfUetLlfYfMivRUht5hM8JhkEse7em07l2glsjtjBz6YpyWs7rlYmx5ZlGeNyg4JHrjBzj0PoaLMdyGiiikAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWjo5gS5lkubuK3HkyxjzFc7i8bKMbVPQkZz+tZ1FAGxpEWmQyTT393bySQnFvDIkhjlb+82FJ299vU9Dgdcudma4kZ5fPYuSZck7zn73PPPXnmo6KACiiigCVf+PST/fX+TVFUq/8AHpJ/vr/JqioAKKKKAJV/49JP99f5NUVSr/x6Sf76/wAmqKgAooooAlX/AI9JP99f5NUVODkRlOxIP5Z/xptABRTmR0VS6socblJGNwyRkfiCPwptAE9lc/ZLtJ9m7bngHBGRjIPZhnIPYgGrunNZw3F5DJeeUk1sUhujEfkYlThgORkBkOM/ePUVl0U4uzuJq6sdDbT6fHq+it/aEYh09FMsrxOAzCdnIUAEnhsgnHHXB4qlBLFpsWoxxX8crXFp5aPAJACTKhK/MoP3VbPbHHtWXRWntH2/rYj2a7m1ouqRpd3X9ozKouLL7Mrur7Pl2bVbyyGwVTbkZ68g81Zk1C2uLpobi8tok/s821vPbpMyxfPu2nf8/I3JkZwGxjGRWBBbzXUyw2sMk0rZ2pGpZjxngCo6aqyUbCdOLdzQsngsdVZXuY5Imhli8+NW2gvEyg4IDYBbnjPBwDU2myW9pcX9q+orGlzamFLqJHKZ3K2CMBsHaVPHfoRWTRUKduhThc6G41OCK2kt4L+Sd00tbQTBWUSMZw5Vc87QhK84yF6ciqGl6hMuv2dxKrXBBSFo1jDGSPaIygXocp8tZtTWt5c2Upks7iW3cjaWicqSPTI+lV7RuSb6C9mkml1LWtTrLepBE0bRWkKW6GMDaSo+ZgR1Bcs2Tyd1TeHrhIbydLi4sYbaeDy5kv1mMcy71YL+5BcHcqtkY+7gnBwcmiocm5cxXKuXlOjhuNJTUNZs7W4S1tb+0SCOd1kMUcgkikcjgyeWTG4TILYKbv4iLlv4ittP+ImmahpupXEenxLYwzzhWjZ4o44lkV0UnIyhyo3A44zwa5Cinzsn2aOg8O+JLyz8bWOrX+q3a7rmL7ZcGZ2eSEOu5WI5ZdqjjnoKPDuoifxtY6tr+rbPs9zFcS3F2ZZXkCOvygqrEttHGcDjqOK5+ikpMbgmdHpUel6LqUt9Nrdvdm1gLwQW0MxF3I2V8p96J+7x9/PVCVGSTi1NrWkwaymsqPt/222xPYGGNfsUg2jYvmxSp5QC4Tb8wXCnGPm5Kijm0sHLre5qa9qltq1+k9nZ/Y0WIIY8QjJyTn91FGvfupPHXoBDolxFaeINPubhtkMN1HJI2CcKGBJwPaqNFQ9VY0Ts7mz4avrayuL1LyRY0urRoA0gkKZ3K2G8sh9p2leM9eQRmrk2pLPqMccl5pZtUshblSLoxMgk3BCSDJkHBGCBhQM44rmqKlwTdy1UaVjXguLC21+VoG2WskMsO/DFVaSFkJGfm2BmJGcttxkE8VRFvbrqSW8l7GbcuqvdRI5VVOMsFIDHHPGB0qtRVWJ5je0iOON9ehttQWOH7IY1u2V1DJ58QyQoLAMOMYPXBpz60i2txbpdyO0WmCxinyw879+rkDuF2llGcZVRwM7RgpK8auqOyrIu1wDgMMg4PqMgH8BTanl11K52lZHT2txHdy6o0F6tsh0e3hadg4CkfZ0dTtBbBIK8A5z6Vkatei6NpCsrTrZW4txM2f3gDM2QDyFG7aM9lBwM4FFJXjV1R2VZF2uAcBhkHB9RkA/gKbQo2YnNtWJ7MxpcCWWV4xF848s4diDwFPY+56YJ5OAXw+Re6vH9slSxt55x5skcRZYFZuSEHJAB6D0xVWirINrSotOtPFDTS3EN5punytOGlTaLxY2+RNjc/vDtUjB2hiSCFNGl6vv8TXGoatP899FdJNOU4DzxSJvIUfdDSZO0E4zgHgVi0UAdV4XvdO0TVtVtbvULeWC8097ZLoJceQzFkfa4XZKFOwocDqejLnNq51qO61iKGXUNDNjHposyhW/aB4ll8xYiSDMGDbWGCFAUDOMqeLooA6G1vNKsvFk72r+XYy209sJAGKI8tu0ZYA/P5QdyRkF9gGQW4qPSTBp+rXds2p6XNZyweXK9wlz5Fwu5HC/IglBDKpzheU6kHBwqKAOhtf7Hj8XG7i8ltMssXLxScpOyAExIH+Yo8nyLkFgjbmHytRpfiKSCfxBqF5LDJfahbHb51skqSytcxO2UKlOiueRgY45xXPUUAdV4X1+2j1bVZNYe3thqOnvbBhbtHAG3IwV0tyjKrCMqdg6tkgjNWp9YsrnXrb7Zeac0VrpptLRrdr0Wygs2Y5S378rseQALxyg+7uFcXRQB2OpatpA+IE89hdI+mtp/2GK4SKRUXNl9nDbWy4UMefvNgHG49cvTTZWc2r6bLqduY720WCO+VJfJDCWKXJGzzMYjK/cPzY7c1hUUAddea5YxXWtHTL6bZcaJa2MEhjaN5CotlkUgZ2/LHICMkHBGTkZj8LeIIY9S1E63cogvNK+wJLKknlgJ5exJPJKvtKRbCVyeeQwzXK0UAdJr2t+bq+nyJLY3MNlaC3h+wG42xpucgBp/nDLuyp5C4XHTFZNmltFqYkeRJraD98Q6480DkIVPcnCnGQMk8gZqjRQBqafdxTXd+2oXPkS3cLhbnyyQkhYMc7eQGAZTgHhumM1dtp9Pj1fRW/tCMQ6eimWV4nAZhOzkKACTw2QTjjrg8Vz1FaRqOPQzlBPqakEsWmxajHFfxytcWnlo8AkAJMqEr8yg/dVs9sce1TaLqkaXd1/aMyqLiy+zK7q+z5dm1W8shsFU25GevIPNYtFCqNNNdAdNNO50cmoW1xdNDcXltEn9nm2t57dJmWL59207/n5G5MjOA2MYyKzLJ4LHVWV7mOSJoZYvPjVtoLxMoOCA2AW54zwcA1n0UOo207AqaSsa2myW9pcX9q+orGlzamFLqJHKZ3K2CMBsHaVPHfoRVu41OCK2kt4L+Sd00tbQTBWUSMZw5Vc87QhK84yF6ciueopqo0rIHTTd2aWl6hMuv2dxKrXBBSFo1jDGSPaIygXocp8tS31zEdVjXz9sOnwpFGbbA3smNxRgP4nLNuPY55OFrOtby5spTJZ3Etu5G0tE5UkemR9Khpc75eUfKua5JPL59xJLsSPzHLbIxhVyc4A7Co6KKzLCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK0tEl2XFwgjQmS1n+dhllAhc4HpnjnrxjOCc5tT219d2W77HdTW+/G7ypCu7HTOPrQBo+H7lxeRWpu7hUlmQC1X/VTkkAq/wA3APAJ2tx24wcerI1K+WOWNb24CTEtKolbEhPUsM8575qtQAUUUUASr/x6Sf76/wAmqKpV/wCPST/fX+TVFQAUUUUASr/x6Sf76/yaoqkDAW7rnkupA+gP+NR0AFFFFAE9lFFNdpHcPsjOcnIXJxwuTwuTgZPAzk9KlSB73V1t5UW1LSBHATAhUcEkH+6ASSTngknqap1Kt1MrMwkbc0flljyduAMA9uBjjtx0NAG5Yajbz69dypYxPEbWZYVkLgpGlu4A4buoAOc+2Kg0a3tNRvr2ae1iSK3tWmWENL5YIKrltu58DcWOD26gVjxyPFKskTsjoQyspwVI6EGpv7QvPtv2z7XP9q/57+ad/TH3s56cfStYzSSTWxlKDbbRqzDRBqSGEwbGtgWUmY26zZwc8CTaVGRjOGIGSM1Jp7Jaa5dJJYWhDWkroFaXaF+zswK5bOGBBO7kZ/hNZX9san9p+0/2jd+fs8vzfPbdtznbnOcZ5xVf7RN9p+0+bJ5+/wAzzdx3bs53Z65zzmq9orppdewvZu1m+ncuWctjNqEj3UEECFP3UbGUwq3H3sEvjG7ofvY7ZqaWzj8zVDJbxRmG1jmhELOUG54gGG4k8q+cN/e6DGBTXVL9Lt7pL65W4cbXmEzB2HHBbOT0H5Co0vLmK7N1HcSpcEljMrkPk9Tu685NTzRtYrlle5u2UK6b4zsbb7O0ZkFtG6mSSN42kRN5BVgQcs3HTk8VS8OzxxX04ktYpybWcgyFxtxC5IG1h16HP4Y61Rh1C8tpvOt7ueKXYI96SlW2gABcg9OBx7CibULy4uUuZ7ueWePGyV5SWXByMEnIweaftEmmujJ5G00+xpaNb2mo317NPaxJFb2rTLCGl8sEFVy23c+BuLHB7dQKS6WwbU4U0uKKeOaAC4jjZ9iMCdxR5AGUYUNk5A5BJXIrO/tC8+2/bPtc/wBq/wCe/mnf0x97OenH0ouL+8u3L3V3PMzJsLSSFiVznHPbPOPWk5rltYpRfNe5HOkcdxIkMnmxq5CSbdu8Z4OO2fSo6KKyNAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrum2kF284nmZCkMjoirkuyxs3XoB8vPfkYHUilV3Tbu3spZJLi3lmLRvGvlzBMBlZWzlTnhuP60AT6Zpcd1Z3FzduyoI5RAEcbmkSMyHIPO0Acn1ZffGXWpa67NaMEjiieBI5I4llijd0Vw2BvK5OCxJHQ8joazZHMkjOwUFiSQqhR+AHA+goAbRRRQBKv/AB6Sf76/yaoqlX/j0k/31/k1RUAFFFFAEkMMlxMsUK7mb3wAOpJJ4AA5JPAFK8IN15NqzXBJCqVQjefYdevTufQdKSGaS3mWWFtrL7ZBHQgg8EEcEHgirFvdw29+buOJozGN8MYOQsmODk9gfmAOegBzkmgDRTR7OXV57FryKH7LA+9j5hMkixszH7p4VgR0GVHGTzVC30v7VdzRQ3lsYYIzLJcsWWMKMeq7jyQuAMkmobG6+x3QlKb1KPG65wSrqVbB7HDHBweex6Vc07V49L1CeW0hnWCaExFRclZUBwcrIoGDuUH7uMcEGtY8jSUjKXOm2hr6JLHcBWubY25gFx9qVmaPyy23OAN33jtxtyD1GOadp+lW13fTwSalAEjhd1dVkw5EbNkfJnAI5yAcZxmnNrKPqiXjvqjFI9iOdQzKpyej7OBgnjHc89qhOq51h70w5WRGjdN3zMrIUYlscuQSS2OWOcdqr92mrdxfvGtexHHp4muZo47uAwwpvkucPsVcgZxt3feYD7vU+nNNNjuN0YLiKZLWMSNIm4BgWVeNwB6uOoHQ1Ja3ltaakbiCO8iRR+78q7CSIcYJ3hPrxgdfzkOqpJfXUs9uzQ3UYikVZMSEAqQ28ggsSgLHHJLcDPE+5Yr37k2k6dEPENta6gIJllSNlieSRFkMiAou5VJB+cHpjg81X0fT4NRuJUuLuO3CQyOAwbLFY2bPCngbQT3x0yamj1iAa/DqUtk2IBD5cEU20Bo1UDlgxI+Xp156+teO9trW/WaztpVhMbxyRyzB2IdSrYYKMfK3HBweeelV7it6/gT77v6Bb6X9qu5ooby2MMEZlkuWLLGFGPVdx5IXAGSTUj6JLHcBWubY25gFx9qVmaPyy23OAN33jtxtyD1GOadp2rx6XqE8tpDOsE0JiKi5KyoDg5WRQMHcoP3cY4INObWUfVEvHfVGKR7Ec6hmVTk9H2cDBPGO557Ul7O2u/8AX9dwftL6bFIWsRungW8ifj93KoIjduOCWAK9xkjGfQciB0eKRo5FZHUlWVhggjqCKtzagk2oy3bW6sxA2K53fMABufj52OMnoCxyRjINR3eWRpJGZ3YlmZjkknqSaydr6GqvbUbRRRSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFTW9rPdtILeNpDHG0r4/hVRkk1DWpoau0048+KOLyZQyyzrGGZonVeGIzy2M9s9s0AVrfTLm5txPH5KxlygaW4jjyQASBuYZ+8PzqpW5pkaSwC01AWItIpnaSd7nEkeQoYoFb5uFGPlYE1h0AFFFFAEq/wDHpJ/vr/JqiqVf+PST/fX+TVFQAUUUUAFOdHjbEispIDYYY4IyD+IINS2UsUN2j3Cb4xnIwGwccNg8Ng4ODwcYPWtPSi8ep3jC/iS9MDm2umm2hnJBJ3noShcfNjBPOD0qK5nYmTsrmLRW/ps91Hql+Z9QiXUXtSsN1LcK/wA+V4EuSASgZQcjGcZFTT38cPiDTJNRuILthbCG/lQlwyvuVssv3mETKMgnkdTitFTVr3I9o72sc1RXU6Zd28GpNbrcRq1vpxgglEyxnzSQ8gWUgqpy0qhumMYPO6i71R0nvJt0cVyNOSNJTdRXDysJ0wxdAAXCjg/eAQHPen7JWvcXtHe1jlqK1tPuftmsG6uJFjnWMFNsixGVwAufMfIVsZfceSw4wSDWysUDeJNU+y3qxmOyjK3kEyMVfMIdhISgJJLAtlSdx9cUo0uZXTHKpyuzRyFFdfBfSf8ACRXEl7cMsp08RWk8l0gL7doLLL86oWCyc5OGZhuzzWN4iuWur6FpEUOsCo0n2qO4aTBOGZ0ABOMDnnAGaJU1GN7/AIBGo27WMmium8Gm7EeunTpYYbkaaPLlmljjVD9pg+be5Cqw6g5BBwRzitObxHIpv53v4ZNXh0SO2lvAUYzzi7jIKv8Axuse0eYMnMZZSQAxlRVrsbm72SOGorrPDusT3Ws6pdLeWmn6tPppjtbqVhHmYeWHbzGyEleNZfnJGWc8gmtZ7xpNajZtcsR4hj0Ly11FbkKpufMPymcfI0n2YmPeSRux824A0KCavcTm07W/r/I89ortvDF7NbeKtVfWtTR9Tk090guzqUe4yfJwl0RIiMYg6hu2duVJyLNzq1zP4rilWOFLhdNEMl0NetRcNh+JBdKAglwFQ5BYoDnrkCgrXuDqO9rHAVNBaT3MNzLCm5LWMSzHIG1S6pn3+Z1HHrXU2t3NH40vZbe/e9keABrubVY4J4jhMiO6f5SykeXuUEOm7AAbIY0qXOr+ILU6p9ruL6yjiinvbtTukEsEjRtOxCNsEbqHyFbYNv3lFHIPnZzM9pPbQ20sybUuozLCcg7lDsmfb5kYc+lQ13LX6aHp8lvbalaPfWugLD5lvKsirM1+s21G6M6o+cpnaVJByuQy1uopPFF5c2Op29pqUmjwta3j3AjBumgh87MnQSMpnG5iPnbqGwaORdxe0fY4miuv0O71CHxBrBu9Yt01uXT2S1v7i9SQeZmMkLcZZVYxB0DbhgnGQatXWsQW3jHQZtavLTUXWyW11i4iYyKyyGRH3SR4LusDqpZSeV6nFHIrbhzu9rHDUV3+g6jZ2muvZx3kMb2eiG0tLgXSQt55YSzKlwysiNl50VwACMANzuJqPiCWO71K63w298uiRwRzm/gvJZ3F3FhzJGADKEHBxvAjDZyAafIrXuL2jvaxwFFdn4S1pJ/Eeo3l7NDa30+mtHBMJ1t2aYbAzCZ1cJK6LJlzjLOeVLZFy7vF1LxC7yzWllqkWkhbK8uNTguDJOkmQ7zxgIJfKDIrPggqh3BtrUlBNXuN1Gnaxy1v4a1C7igkt/s5Wa0N4WkuEhWOMTGH5mkKqDvGMZ7j8GWmhyXOvppU19p1o7ZzczXaG3X5d3MiFl9uM8nFdZd6vHHaO2q3tprd0ugCGUTXbyCSX+0d3ll1YMzKvPytghcglcE5Pg6/lHj2yvLGW30a2WeJrlEvTBH5AdN65lfLA4yVySecDA4rljdIXPKzf9f18jG0TSTrerQ6el5b2ks7LHE1wH2u7MFC/IrYJJ6nA461n103hrS5dP8AHWkm7udOjS3uYbqWX+0YDGsayjPzh9pbjO0HdjnFXfCEa6Frt9He3dpDdy6bILSaDUYBtcsuQtwBIkTlFkAJwecZXcDUqF7XG52vY4yiu/udWuZ/FcUqxwpcLpohkuhr1qLhsPxILpQEEuAqHILFAc9cjGku9KTxdeS67cTatA0QHmzbrpxJhflLrNFv2fMm8NtbbkLgjClFJDjJtmPpmkz6r9r+zvGv2S1e6k8wkZVcZAwDzzUmo6Deabrc+lyeXLcW6GRzE3y7RH5hIJx0XP5U7Xp9KuL9G0ODyLcRAMvktFlsnJw00p6Y53D6dy/w5qU9hqDrDeyWqzwyp8spRWkMTiPJzgYZhyeB1yOtZPmWqN48rsmZFFb1tfXdnPrE13eq981oqpMZ1mLN5sRG18kFgoyCDkbcjBHEVpdnUZNTWZ4Y7m8tEiUu4jWR1kiYlmY4DEIzEk8nPcgUuZhyoxqvaZpM+q/a/s7xr9ktXupPMJGVXGQMA8810VjdWsHiS58u9hL/ANlRRW9xHOIgZBFEG2yOpEbFQ4yQDzj5SayPE9013qEDyookS3VGk+1x3LS4JwzvGAC2MDnnCjNLmbdiuRRV2VtX0a60bVbmwuNsklsFaRoclQGAIOSB/eA+tZ9WbElLoSCdYFjBZnIDZHQgKfvZzjb0OecDJEU7xyXEjwx+VGzkpHu3bBngZ749atXtqZu19COiiimIKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAoorR0cQNNcJNAsrNbTFGY8JiJznHc5Awe3PGcEAGdRWxYLa2ulJeTSKkkszxc2qznCqh4V8KPvcknP3ccbqzbu2ezvJraUqXhkaNivQkHBx+VAENFFFAEq/8AHpJ/vr/JqiqVf+PST/fX+TVFQAUUUUAOCZhZ8/dYDH1z/hTalX/j0k/31/k1RUAFFFFABRU9lbfa7tIN23dnkDJOBnAHdjjAHckCtPw7cxx+KrRoElt/MkWGIxSLujLYTcdysG4JyMDk8Y6VUVzSSJk7RbMWprW7ms5S8BXLDayugdWHXBVgQeQDyOoB7VY0y1tp0vJbwy7LaASgRYyx8xFxz0zu69uuDjBsf2bbRX85m81rSG1S6ZFcCTEiptXdgjhpFBOOgJx2qlGWjQnJbMz7q7mvJQ85XKjaqogRVHXAVQAOSTwOpJ71DWxoN15PiyxOnNPbRSXMUZUzZZlLLlWIAyD6YqjaWqT2t9I5YG3gEiY7kyIvP4Mf0pON1e/f8A5raWI4Lue2huYoX2pdRiKYYB3KHV8e3zIp49KhrUfTIY7qTc0ht4LSG5lAI3tvWP5VOMD5pAMnoOeSMHTWwstSWyOJYraDTHlEbXEYZj9odQDIwVR8zZzjpxgmqVOT0JdSK1OYorXvbGxttRght99xHcwrlI5UmkgkJxgFDtc5GccZDY4PIzJ4vIuJIt6SeW5XfGcq2DjIPcVnJOLszSLTV0R0UUUhhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVmz1CewZ2tvKBcbSZIUk4wQQNwOMgkHHWq1W7Cx+2mbMyRCKJ5MNyzlUZsAf8BPPQfUgEAkttavrPcLeVFVpRNsMKMquOjKpGFP0x+lUpJHlkaSVmd3JZmY5LE9STVvT7W1vJEhlmuEuJZAkaRQK4bOAOS645//AF1WnSOO4kSCXzo1chJNu3eM8HB6Z9KAI6KKKAJV/wCPST/fX+TVFUq/8ekn++v8mqKgAooooAlX/j0k/wB9f5NUVSr/AMekn++v8mqKgAooooAXB25xwOM1bg1S7tr/AO2xvGbjg+Y8KOcjHzfMD83Gd3XOeeTUC/8AHpJ/vr/JqipptO6E0mrMtS6jcSmXPlIJYxE4igSMMoYN0UAdQOevFOh1a9t7r7RFNiQwiBsopVowoXaykYIwB1HbPWqdFPmle9xcsdrFyHVbm31D7bD5CT8YIto9qkYwVXbhTwOQM/nR/atz9p89fIVtmxlW2jVGXOcMgXa3ODyDyB6CqqI8sixxqzuxCqqjJJPQAVMLOR7z7NCUmk7lGG0cZPzdMDnLdOCc45oUpbJhyx3sTLrWoLfve/aWa4kj8qRnUN5ibQuGBGG4A656Z604a7qIuVnFx86wmAAopXyySShXGCvJwCMDjHQYv2ugwnVNOtrpmkFxAZJRb3MOS3mOihGJ2novGSev4ZFnYXN+8i2ke8xp5j/MAFXIBYk9AMjJ7Dk8A1o/aLqyF7N9h0uoXEsrSfuo2aMxkwwJH8p6/dA69CepHHTiqtXIdJvZ717SKHMsaGR8uoVUAzvLE7duMENnByMdRTm0a+S/SzeFVlePzUJlUIybS24PnaRgHnOODUcs3rYrmitLlGitKy0Sa8vJrfzrZDDGzs32mMg4QsADuwemCRnb1PSoYdKu7i9e1gSOWSNDI7JMhRVAyWLg7QB6568daOSXYfPHuU6K0DoWoi5aA2/zrCJyQ6lfLJADhs4K8jJBwOc9DiubC5F09t5f71EaQjcMFQpcsD0I2jII6jpnNJxkt0ClF7Mr0VJJBJDHC8i4WZN8ZyPmXcVz+akfhUthp1zqU7RWioSq73eSRY0jXIGWdiFUZIGSRkkDqRSs9h3W5Woq7JpN3HJeJiGT7FGss7Q3EcqKpZVBDKxDfM6jgnGfY4uaR4X1DVfEdppCwTK8/kvI8Ufm+TDJsIlYL/CFdSckYzg4o5W3YXMkr3Maiujg8NS6v4ut9F0/StT09maNbmO6Bnkt1ZgDKwCJhQGU8j8eam07QbK+8aQaXc6ZqenxBcTWk95Ct0zkfIEMqxrklk+XBJGSM9q5GLnRy1FWbHTrnUXmS0VHaGB7h1aRUOxBuYjcRuIAJwMnAPHFF9p1zpzwpdqiNNAlwirIrnY43KTtJ2kgg4ODgjjmps7XKur2K1FXtMi06X7X/ak8kOy1drbyxnfMMbVPB4PPp9aNZi06HVpo9FnkuLIbfKllGGb5RnPA75HSpvrYvl0uUaKs2WnXWovItnF5hiTzJPmChFyAWJJ4ALDJ7DJPAJrQh8N3ZkvILmFlnitFuYdrqUdTIg37+VKbWY7s4GOTwaTkkCjJ7IxqKvRaNfzXU1vFBukgQSSfOoVUyBv3Zxt+YHdnGDnOOasx6TBY3F1D4heS1b7E01oYiHWaQgGPDKGBU88g446ijmQcrMiitPUbKxfWp7fQLhrm2ABgaUEPKcDKj5RznOBgZxgZJGcymndXE1Z2CiitrVfD8ln4gXRbX9/eRRKLk+ahRZdu+QZHyqseSrEsQPLZiQOAxGLRWpB4c1W5v7mzgtd01rEJpv3ihViJUeZuJ2lPnU7wdu07s7eambwhri38lmbH97HbLdlhMhjMDFQJRJu2lPmGWBwBkkgKcAGLRV/UdE1HSr6KzvrZlmmRJIQjCRZkcfKyMpIcH1BPOR1FVJovJmaPekhXqyHIz3Ge+OmRx6EjmgCOir91prxakthAPMnVR5vzrtD43MM9AF5BJOPlJyOg0LXQYTqmnW10zSC4gMkot7mHJbzHRQjE7T0XjJPX8LjCUtiJTjHcwKKsWdhc37yLaR7zGnmP8wAVcgFiT0AyMnsOTwDUkOk3s969pFDmWNDI+XUKqAZ3lidu3GCGzg5GOopKMnsh8yXUp0VebRr5L9LN4VWV4/NQmVQjJtLbg+dpGAec44NSWWiTXl5Nb+dbIYY2dm+0xkHCFgAd2D0wSM7ep6U+STdrBzxSvczaKuQ6Vd3F69rAkcskaGR2SZCiqBksXB2gD1z1461IdC1EXLQG3+dYROSHUr5ZIAcNnBXkZIOBznocLkl2Dnj3M+irBsLkXT23l/vURpCNwwVClywPQjaMgjqOmc0sdhPJ5QAUNPGZIVJ5lAYrge+Vbg4zjjJIBVmO6K1FFFIYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVf0qe0t55JLySZcxSRqIog+d6MpJywxjOff2qhTkjeRisas5ALEKM8AZJ/AAmgC3bT29qt4yNK0rRmK3bywOGOGLc8fJuGOfvdeAapVPbWN3e7vsdrNcbMbvKjLbc9M4+lQUAFFFFAEq/wDHpJ/vr/JqiqVf+PST/fX+TVFQAUUUUASr/wAekn++v8mqKpV/49JP99f5NUVABRRRQBKv/HpJ/vr/ACaoqXcQhXPBIJH0/wD10lABRVy10q8vL2C0tod9xOu+OMsASME5OTxwM89Rg9xVOnZ2uK6vYltrh7WcSoFY4KlW6MpBDA/UEjjn0q7ZXVhBNeRTC4+yXUHl7lCmSM7lcccBsMoH8ORzx0rNqxZWM+o3It7URmVvuq8qpuOcYG4jJ56dacb30FK1tTVg1LTI9U0qXN2sGnIv/LNWaRlmZ+m4AAhvU46c9TSWeztYr2K1knmW4thGrSQhCG81G5AZuMJ1z1PTvWfRVOo2LkRqaPqkdpc3BvvMkSe28jfsSUpgqVOx+GA2AYOOOhGBVltVs5biWO6lnltZbT7OHitY4GiPmeYMRqdpG4c8gncfSsaSCSGOF5Fwsyb4zkfMu4rn81I/Co6aqSSsJ04t3L1rcW1lqbNG0stu0bxF2jCuA8ZQnbuI43E4zzjqM8SWdxYW1xeQSNcyWlzB5QlWNVkU7lcHZuIPzIBjd07is2ipU2huNzYuNTs/s0lraLOYhYrbRvKAGZvPErMQD8o+8AMntUehPqMniC0nsIp7u4hdDtRjkoMLgt/CuMLk8AH0rLop+0fMm+gcis0upe1i7F3f/u5WlhgjS3hY5+ZEUKGAP3c4LY7bjUug3sNjfPJc3c1tG0ZVvLs47pZOQdrxyMqleM85wVU4zyMyip5m5cw+VcvKdAmraY2p6onlTW1jqNstu0kMKl1KvHIZBFuCje0ROwMAm/AJCgF51+xHjrTNYghuEsrNrImJyrybYUjVhkYDH5Dg8Z44HQc5RT5mLkRoaBfxaV4k0zULhXaK0u4p3VACxVXDEDOOcCpvDF5Y6b4kstQ1OS4SKznjuAtvCsjSMjhtvLrgEA8849DWTRSUmhuKZ0Gn3ehaNfSX1rPqN5c28Yew8y2SBUuMnDviR8qnDAc7jwcAc2v+Eshs9WXWtKjuBqV3Ay6iks8kSNKWBaRHhkRsORuKHhSTjIxt5Wijm0sHLrc1Ne1658Q36Xd4u10iEYHnzS8Ak9ZXdu/QHHt1zQtvI+1RfbPM+z7x5vlY37c87c8Zx0zUVFSUbmlrYt/boElxFZfZfkfy1eQL9oi25XIBPTPPrUT6tB9luLWNJPJFkLS3ZgNzfv1lLNzxk7uBnHA5wWORRU8pfO7aHR2tza351R5nmhgGlW8TssYdgUa3Q4XcARuX1HH5VkahdpcG3igDeRaxeTEzjDMNzMWYDgEs54HQYGTjJp0UKNgcm0S27QpIXuEaQKMrGOA57AnqB9OeMcZyJYZobnV459XaZoJZw900AUSFS2XK543YzjtmqtFUQbWlXmnab4obUrZ5hbWMrXNjHOMySsrZhV9vH3tpfkfKHwc7QWaPqdvDq093rG+eSZWIuZIEumjkLAmQxyELISNy/MeN+7qorIooA7uXUtI13WPFF3E93a6Y2kW8at9mjMqiOW1Qfu1ZU5K9AQADwO1VdNvbC/stXtZZLiDTbHRlt45lhWSZl+3RSbim9VyXc8bvlUgZYjLcdRQBrXurq1xZpYoTa2Fu1rF5ww0qMzs5cA8bjK/APyggZJG417Oa2tdTF1GzhIP3sSOMsXHKqccEBsZPGQD0JAqjRQBoafewLLeLqRndLyExvLGQzq25XDYP3vmUZGRwTzV2DUtMj1TSpc3awaci/wDLNWaRlmZ+m4AAhvU46c9ThUVpGo0Q4Jmgs9naxXsVrJPMtxbCNWkhCEN5qNyAzcYTrnqenepNH1SO0ubg33mSJPbeRv2JKUwVKnY/DAbAMHHHQjArLopKbTTQciaszdbVbOW4ljupZ5bWW0+zh4rWOBoj5nmDEanaRuHPIJ3H0qha3FtZamzRtLLbtG8RdowrgPGUJ27iONxOM846jPFGim6jbuCgkrGlZ3FhbXF5BI1zJaXMHlCVY1WRTuVwdm4g/MgGN3TuKmuNTs/s0lraLOYhYrbRvKAGZvPErMQD8o+8AMntWPRR7RpWQcibuzU0J9Rk8QWk9hFPd3ELodqMclBhcFv4VxhcngA+lF/e29xqZaRnube2hSC3GSFkCKFBPdVOCxA55xkZ3DLopc75eUOVc3MSTzSXNxJPM26SVy7tjGSTkmo6KKgsKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK2PD0d5LNdJaQyyRtbTLKY4yesT7VJA7nt3IHcCseigDfsLTzdKSCexuLp4bx90METF4flQEvg9DjG3Ck7ThxisvVX8zWb1/MSXdcSHzIx8r/MeRyeD9TVSigAooooAlX/j0k/31/k1RVKv/AB6Sf76/yaoqACiiigCVf+PST/fX+TVFTw4EDJ3LA/kD/jTKACiiigCey8j7Wn2v/Vc5znGccZxztzjOOcZxzVlLeW61tYtRLKMhpmXHyxAZJXHGAgyMcYxjtWfTld0VgjMocbWAONwyDg/iAfwoA3dInn1bxhFJHZJLFLMiyQ/Z1lWOHcoxjbgALgbsD9agsrWbTl1Fr+w2zR2gkiS7hPBM0ahgD16n2PIORkVj0VoppKxm4ts6OGz361cGzt4pbkafHcQ27IpWSR44y+EPBwHdgoHVRgYGKh0i2v5vGVmJrORJ47mKSaNLfy/LUMvzFVACjGOcd896wqKftFdO3W4uR2tfoa1ppdyn261ubGVbt7UNbwyQkSMfNTJVSMn5Q/TsG96u/wBmbtanht4IpbmDT4ZYYFKsssnlx7sAcPwXfAzuI7jIPOUUKcUrWG4Nvc7OC3ae8tlvraJrxNKkaOFLeNsP575xECqlgu47TyCDkEjFZupKy6tF5Nm1p/oo+1i6tfs6SAMQXMYJwDhfu/xD5QGxXPUU5VVKNrExpuMr3JJ/K+0SfZt/k7z5fmY3bc8ZxxnFR0UVibBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABV/SoLaeSdblXdxbytGqnCgrGzbievBUcd89eMGhVuwvxYSO4tYZ2dCmZS/wAoZSrAbWHUE9fwxQBf0u2hbTlmGmf2jIbgibdKyrDEADklSNu7LfMxwNh461nalbJZ6rd20RYpDM8alupAYgZ/KiG7SGSVxZ27ljlA+4iL6Ddg/Rt3T65gkkeWRpJWZ3clmZjksT1JNADaKKKAJV/49JP99f5NUVSr/wAekn++v8mqKgAooooAltrd7qcRIVU4LFm6KoBLE/QAnjn0pwhFzfJBYq7eY6pGHIBYnj6DJ7Z49T1qJHeKRZI2ZHUhlZTggjoQasxX3lXb3KwospUhNnyqjkY3gdj1IxjBwRwMUAW5rO0n1SeKKbZY2UPz3EcYYttwpYDd826QgDngMOgHENrYWt1c3JF5JHZ20PmtK8HzkZCgBAxGSzAfexjnNQ2F+9hLIyxRTJNGYpYplyrqcHtgjBAIIIIIFSW+qfZbuaWGzthDPGYpLZgzRlTj1bcOQGyDkEVpHksr/wBf8D8TOXNd2/r+vuLA0RJdStba0vFlS8gMtu7p5ZZsMBGQTgEuhXqRyDzTrDw+17NGnnSA/ZDdSJHAZJFG8qqhAeSco3OBhs9OtWfVp5b62uokitjaBFt0hTCx7Tkdc5+YkknOSTTo9ZmjvZp2hglSaHyHgkQlDGAAq9cjG1cHOcqDmrTpX1RLVS25duPDi2txILi7khhS0W7zLbMsmDIEKFCeGyTjnB45AORQj04TastpbytOjgOrQxl2K7d2Ni5+bHBGcA5BOBmmvqAxOtvaQWyXEIidYy5GA6vkbmJzlQPTHao7O8a0eT93HNHKmySKTO11yGwSCCOVB4I6emRUtwvohpTtqy5Jo32fULqG7lkiitYVnkPlfvArbNo2Ej5v3i5GeOeTjmzF4ejuNUe2trmeSOO0W6dltSZCGVSFVFY5Pzr3AHPYcyWHiEnWby8mEFpJcWywps8xIo9pTH+rO8DamOO5HbNVrjU4rXUpZrRYLoXEJS7RhI0UpJz8pc+Z2U5JB3A44xWlqW/mRepsN1DSItMvYoLmWVUuIBJG8kJjaMkkfOhyeCpHBPGCM9DmzwyW1xJBMu2SJyjrnOCDgipzfhbnzrW0gtXCbV8oudhz98bmPzds9uoweaqVhK19DaN7ahRRRUlBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVZtrRJ4y8t5b2wzgCXcS3rwqkjqOTjPbODitWtoiaanmXWoXEPmx/6i2mRyjt/ecqp+Uf3e+OcDqARQ6PI0kqXVzb2Rjm8jNwxAZ+4BUEccZPQZHrVCSN4pGjlVkdCVZWGCpHUEVt2V7E1u8E2oQwTJdNJ9skieVnVwAzJ8uQwKKQThueCuDnJvrn7bqNzdbNnnytJtznbuJOM/jQBBRRRQBKv/AB6Sf76/yaoqlX/j0k/31/k1RUAFFFFABVj7DdfaGgWCR5lxuRF3FSSAAQOhywGOuTjrxSWVz9ku0n2btueAcEZGMg9mGcg9iAa09JRFGrpDfLFG1kAJ2V1AUyxZBCgnkHaQMjryRzVRXM7Eydlcpw6TcvJdwyRSxXFvGriBojvcs6IFx1H3wf8A9dV1s7l7h4Et5WmQ7XjCEsp3BcEdvmIH1IFa76uq208C3UjNHpws45ssPN/fq5A7hdpZRnGQvQZ2ia3njupdSaC7W3Q6VBE0zBwBjyEYHaCeoK9OfpWvJB7P+tTLnmt1/WhiNY3Uc0sMsEkc0S73ikXawGM52nnoc/TJ6Cq9atxexS3NoHupWXT4BGsyEh5SHLAJn7oG7AJ6Bc4z8tZ08vn3EkuxI/MctsjGFXJzgDsKykknobRba1I6KKKkYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFa2iC/k8xbW9ewtIv3lzcoxUIOgyRyx7KvqTjGSaAMmitjT7tJdUv3itooluIbllXGfKXypDtXsO3OM8Y4BIOPQAUUUUASr/AMekn++v8mqKpV/49JP99f5NUVABRRRQA8IDAz9wwH5g/wCFIsjorqjsocbXAONwyDg+vIB/AU9f+PST/fX+TVFQAU5ZHRXVHZQ42uAcbhkHB9eQD+AptFABRU9lFFNdpHcPsjOcnIXJxwuTwuTgZPAzk9KtWxtjqc39pQxQFVKpFIrrEjAgYcJ8+AAenO7Gc800ruwm7K5nUV0NhptvLq1+bu2gWO3tPtEcaNL5JB2bXON0m3a+/HB9dozgkh0cyXU9tDHcJDYrK0UUkgjWbzkTgsA20g5IP94gHoRr7J2vdGftVe1jnqK1LCGwv/EMFvskjt7rEQHXy5HTAI5yVWQ5GTnA5yav6fpdk1wVuIVdrbTBcy72k8tndgVZtgLYVJFyAByp5xk0o03LYcqijuc5RXQyQ6OZLqe2hjuEhsVlaKKSQRrN5yJwWAbaQckH+8QD0IxLtoHuC1ojRxsFOxv4WwNwHJ43Zxk5xjPNTKHL1HGfN0IaK2fD8Fi9vq9zqNp9rFnZCaKMysg3+fCgyRyVw5BHBIJwVOGF19GtB4lY+XDHYRWUF/Os0sgii82KNgpKhpCnmSquBltp+8OXC5Xa4c6TsczRXpNn4c0Ww8RXNjqOkpeGbUNLtUVpp4lt/tMbSS7RlXIGCqh/mHGckEGrZ6Roep3a6hHpMNpbDRJr8WjT3DxBhdvCGkZA0hVUwx24yVz8ozV+yfcj2y7HAVLDbT3PmfZ4ZJfKQySeWhbYo6scdAPWuouNJ8ParrsUWm30NpCbISXBt3BiWcNtKobp4TtK4bBZiCSBkDIz9SQ+Gb+SDSNR89Lu0MU0mIGyrEhk/dySqPuj+IN7DgnKSa0RtFp6sx7i2ntLhoLuGSCZcbo5UKsMjIyD7VFXS6ZNd6vf6lrd/LHJdRQhYpZJ4rceew2IcnAyqhnGMHMY5zWhMj2+ua1eW16tgL2wW6S5W48wRl54t4DxAkgPvTgdvTms+ezszb2d1dbHFUV2EOqG7mvJYNVaK5h0pYptSZWjLuLlPmygLkbSq7iNxxyBWJr2oJqFxbOJ2uporcRT3LR7TO4ZsN6sNu0bmwx28gU1Jt2sTKCSvcyqK3PDU/2ZdVl+1XFntsh++thmRf38Q4G5evTqODVvRtSSPUtXvJ7m6voGtESeSdcSyxNNCrr944JUso+b05HYcrXBQTtqcxUsNtPc+Z9nhkl8pDJJ5aFtijqxx0A9a6tLQ297p2jXRhIvdNltFkJbYWNxK0LqRztLrGQcEFT6Gs+81GfRdNs9OsJY0aWydrtkUsW+0bW2ncMf6tYvu9Dnmlz30Q/ZpasxLi2ntLhoLuGSCZcbo5UKsMjIyD7VFVnUdRutVv5L2/l824lxvfaFzgADgADoBV3wvZWepeJrPT9Q3+VeMbZWQZMckilI3xkZCuysRnkA9elaRTdkZSaV2tjJqzYabfarO0GmWVxeSqu8x28TSMFyBnAB4yRz71ux6NaJfWUc0cKpaaal3qEk0sgiJkO6InYGfbiaBGCAHO7BH36uxaVHovxe0iyiXYFvbGQoA4CM4jdlAcBwoLEAN8wAGec1ooPqZuouhxlFaelWkFzputSzJue1sllhOSNrG4hTPv8AK7Dn1rprLw1YR+JdQgv7Laun6JDdvb3BmVFmaKDeZRGrSbVaV2IXGMYyq5wlBsbml/X9dzhqlhtp7nzPs8MkvlIZJPLQtsUdWOOgHrXUXGk+HtV12KLTb6G0hNkJLg27gxLOG2lUN08J2lcNgsxBJAyBkZ+pIfDN/JBpGo+el3aGKaTEDZViQyfu5JVH3R/EG9hwTEk1oi4tPVmPcW09pcNBdwyQTLjdHKhVhkZGQfaoq6PSdYlv9evLzVIYb25mtJy0kgZSAtu4wAhUYIAB4+mDzUWhW1nqeoX89xaQxxW9o06wBpvKUgquW27pNo3Fjg9uoFRzNbmnInszBoroJl0AarGYWt/La1BZSZzbLPuwcnAl2lRkYyQxAyQDUumtHZeILuOTTrNg1lNJGEeXYE+zOwK5fOHUgndyM8bT0OfTYPZ62uc/b2093cLBaQyTzNnbHEhZjgZOAPaoq3PD13G3i6zaO0jhW4nSEJDLKnlBiFJVg+7OM9SRyeKq6RFatDqM95b/AGgW1qJI03lRu82NRnHbDHI9M4IOCHzC5bozalhtp7nzPs8MkvlIZJPLQtsUdWOOgHrW9DpNu+qXZjghdYrCG7SCefy4t0giypYsp2jzWx82eFyTzmrfakNP1GddEWG1jmtBbXAhJkVyygygFy3G7IBU9AMHuVzX0Q+S2rMu4tp7S4aC7hkgmXG6OVCrDIyMg+1MZHRVLqyhxuUkY3DJGR+II/Crz3F14h1xZdQn3TXDqJZtgAVQACxAwMBRk9OBT5LlL/W5Db2ivbyARpETtKxKAAdxJ2kKoJbOODnIyKpXtqQ7X0MyipJ0jjuJEhk82NXISTbt3jPBx2z6VHTEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFWbbUr6zjMdpe3ECE7isUrKCfXAPtVardmLRsJPb3VzNI+1I4JAn06qxYknpgYx3zwANh1K+t5JZLe9uInmO6RklZS59SQeep/OoJJHlkaSVmd3JZmY5LE9STV8QWMN5LbMtxfuJjFEbZ1QOAcAjht270HT1OeKl3ClveTQxSrMkcjIsq9HAOAw+vWgCGiiigCVf+PST/fX+TVFUq/8AHpJ/vr/JqioAKKKKAJV/49JP99f5NUVSr/x6Sf76/wAmqKgAooooAKsQX95bTGa2u54ZSgQvHIVbaMYGR24HHsKjhhkuJlihXcze+AB1JJPAAHJJ4AqxDYrcXEqw3MYghTfJcSKwVRkLnABYjcwA4zyCQOcNXvoJ2tqQpeXMV2bqO4lS4JLGZXIfJ6nd15yadPqF5dOzXV3PMzII2MkpYlc52nJ6Z5x61Nb6X9qu5ooby2MMEZlkuWLLGFGPVdx5IXAGSTUx0GYTMBdWhhW2F0LgSHY0ZcISOM5BJBUjOQQATgG1GbWhDlBPUy6mS8uYrs3UdxKlwSWMyuQ+T1O7rzk1YTSLmXUzYw7ZJjGZU2ZPmL5fmDaMZ+ZcYGM8gHFOt9GmuBG5mghie2a5aWVyFjQOU54ySWGAACTkUlGXQblHqV59QvLp2a6u55mZBGxklLErnO05PTPOPWq9ah0GYTMBdWhhW2F0LgSHY0ZcISOM5BJBUjOQQATgGjd2r2dwYZCrHCsrKeGVgGVh35BB5weeQKJRktZBGUXohiTSxJIkUjosq7JFViA65DYPqMqDj1A9Kmh1K+tr2O8t724iuo1CJOkrK6KF2ABgcgBflx6cVPpOkS6ubry7i3t47SD7RNJcOVVU3ohPAOSC4OBycYAJwCS6RLBrAsJ7i3jyqyC4dyIzEyCRZORuwUIYLjccgbd3y0rPcd43sMk1nU5rprmXUbt7hpEmaVp2Ll0GEbOc7lBIB6jPFR2+pX1pPBPa3txBLbKUgkjlZWiUkkhSDwCWbgf3j61u6b4GvNRuriEajp1t5UltHG88jgXBuBmHywEJO5cNggEA8gYOGSeDbiPUPIGq6ZJbLaPePfLM/kJGkjRHkruYl12gKpyWXGQc1XLPcnmhsYt/qV9qs6z6ne3F5Kq7BJcStIwXJOMknjJPHvVatq48K6ol/FbadF/a/n2wuoZNNVpg8RO3dgDcuGBUhgCCMU2OxXRbi6g8UaVewTSWbm1jliaJlkJwjkEjK5Dev0NZyutzSNnsZIlcRNEHYRswZkzwSM4JHqMn8zT/ALTP5fl+dJs2eXt3nG3du249N3OPXmt6Oy0vWNa1J9I06+ezht1lt7OF8Ssd0aHkh+PmZu/TtUV5oUVpeEzLNBFFaLd3Fq0itNEC4QRlgAAx3I3KjaG6EjBjmRpyS3RhpK8auqOyrIu1wDgMMg4PqMgH8BU9nJYpv+329xPnGzybhYseuco2e3pWnpunWOp3N2bS01CdYbXzVtYpFMhbzEQgMEO4Ybd90enbJin0mAXl7awvIJ4oRPGjEEjCB5Im4HzIC2TxzGRtywAOZbBytakB1FLOVZdCN9p8hUrI/wBr3FhxwCqLgce/b0qtNe3VxLLLPczSyTKFld5CTIBjAYnqPlHX0HpWqul2Ntc38V4txKdPtVaZYpVQmbzERlBKtgKXI75K5BwcCzHpGlf2xpdvJBqAh1VIWiDTKjwb3KHPyHeMjcCAuQRS5oofLJ6XMFr26eWCVrmZpLdVWFzIcxBfuhT2A7Y6VFJK80ryzO0kjsWd2OSxPUk9zUt29q8oNjDNDHt5WaYSEn1yFXjpxir2haampSXge2urtoLfzUgtGw7nzEX+63ADE9O1VdJXISbdjKorZn0q1s5rqa4857a3aJDAjhZRJIhby2YggFNrBjtzlcbRk7WvpMH2W4uo3k8k2Qu7dWI3L+/WIq3HODu5GM8HjJUHMh8jKMWpX0GpHUIL24jvSzOblJWEhZs7juBzk5OT3yanTX9Yi1KTUItWvkvZV2SXK3LiR144LZyR8o49h6Vp6V4ftb9YFkkmWS4sPNj2sMCZrnyEzx9zlSe/XHpUFvpditit3drcSr/Z5umjilVCW+0+SACVOBjnp1o9oHsurKb6/rEupR6hLq1897EuyO5a5cyIvPAbOQPmPHufWoIdSvra9jvLe9uIrqNQiTpKyuihdgAYHIAX5cenFadvo9tNcq4MkkE1qbm3tvNVJpT5nl+UGIILAhiMAlgowATgRKunWN/qEWqabeRZtWW2hmb95DMQCrMcJx1PToRwafOL2dijf6lfarOs+p3txeSquwSXErSMFyTjJJ4yTx71Wq9rMunTatNJosElvZHb5UUpyy/KM55PfJ60mk6Vda1qAsrBd9w0ckiIASX2Rs5UAAksQpAHckU1eRLtH5FSOV4ZUlhdo5EYMjqcFSOhB7Gp/wC0r77f9u+23H2v/n481vM6Y+9nPTj6VONIlB0/zbi3hjvoGuFkkchY0V3QluOuY2OFyTwACTitPQtMhtvHFhpWrWdvfwXc8EXLyKpjlKFZEKsrAlGBAbpu5XPAfJdk89kZX9t6r9q+1f2nefaNnl+d9obftznbnOcZ5xVb7TP9q+1edJ9o3+Z528792c7s9c55zUlrYS3ltezxMgWygE8gYnJUyJHge+ZB+Ga0LfwzdT6hJbSXVpbpDZR301zNIRHFE8aOueCxb94i7VBJY4GetJR7Ipz7spJq2pR3r3iahdLcyLtecTMHYccFs5I4H5CmXGpX127Pd3txOzII2aWVmJUHcFOT0zzj1rRuPCuqJfxW2nRf2v59sLqGTTVaYPETt3YA3LhgVIYAgjFNjsV0W4uoPFGlXsE0lm5tY5YmiZZCcI5BIyuQ3r9DSa5eg4ycupDpetT6ddSytJcN50IgZ4ZzHKqgqQFfBxjYo6H5cj3Eeraj/ad0su2QbUCb5pfMlk5Jy74G484BwMKFHbNXntdM1TxDcS6ZFJaaPAgnlWSQB0jUKGALE5YscKMnlh0HRjw6XpetazZ30M1xHEs8FoQeVlDYR2wRkDBz/Kour3tqaWla19DKimkh3+U20upQkDnB6gHtnpx2JHQmmq7orBGZQ42sAcbhkHB/EA/hV7VWsbvWpP7AtZorWQqsED5Z84AI6nOWz3PWnXtjBFqb2KTIrQqIzIc7XlH3gScYGdwBxjhc92q1qjNqzsZtFOdHikaORWR1JVlYYII6gim0xBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWppGq2+lxzMbWV7mQbUuI5wjRKeu3KnBPI3dcdMVl1ZttPnuozJH5SoDt3TTJECe4BYjOMjOOmR6igC7pmrWmmfaGSzmM0uVinW4CvCh7KdhG4jgtj6YrLkKGRjErKmTtDNkgdsnAz+QqzFpl1NvCIgkRyhieVFkLDsEJDE9sAdeOtVKACiiigCVf+PST/AH1/k1RVKv8Ax6Sf76/yaoqACiiigCVf+PST/fX+TVFUq/8AHpJ/vr/JqioAKKKKAJIZpLeZZYW2svtkEdCCDwQRwQeCKtWl7BbaiblI7mEAfILW58tkYjnDFScdeOuD1PejTnR42xIrKSA2GGOCMg/iCDTTad0Jq6szWtfEDW2rXN4IZAtxD5LeXOUlA4w/mAffyoJOMMS3HNR3Ws/aGuf+PuX7RbCDdd3XnMuJFfIO0cfLjHuTntWXRV+0na1yfZxvexNZ3T2V9BdRBS8EiyKGHBKnIz+VaVp4ga11Sa5WGQRy2wttsU5jkRFVQpDgfeGxcnGDzxg1j0UozlHYcoRlual1rP2hrn/j7l+0Wwg3Xd15zLiRXyDtHHy4x7k57Vl0UUpScndhGKirIu2OofYrPUoPK3/brYQbt2NmJo5M9Of9XjHHXPatO28T+RrX2/7PNHmyhtN1tceVPH5ccab45dp2MfLweD8rsvfNc/RQpNA4pnX3XjtZ/ET6mmmuqnULG8ET3ZkYC2jZNpcrli27O48jHfOaraP4xfSWtgttNsi02TT5Gt7poJSGneYOjqPkYMyjBDAhSCOeOZop+0le5Ps42tY3b7xNNPqwvrc3E7CDyT/bMkeosBuJ4MkYAH4ZHPPOKzL/AFCbUrhZrhLdGVdoFvaxwLjJP3Y1UE89cZ/KqtXtM0mfVftf2d41+yWr3UnmEjKrjIGAeeaiUurNIx6INNvoLQXcd3byTw3UPlMIpRGww6OCCVbumOnep31hPMSKO2YWK2/2ZoXly7RmQyHLhR8wc5BC44AIIzlmo6Deadr0mkP5ctzHjcY2+TBUNnLYwADkk4AwT0qF9Lu0vUtfLVpJF3IySKyMvOWDg7dowcnOBtOcYNR7r1NPfWhIdQt4o7yKztGiiuLcQjfNvYESLJuY4AJ+XGAF4x1IJM8uuLJ4ktNY+y4mjeKWdQwAmkTBZhhRt3EZPB5JNUTp10NSewMWLmN2R03DClc7stnAAwSTnAAJzinzaXdwGXfGpWKITM6SK6lCwTcrAkMNxA4J5z6Gi0QvMdpuqz6ULtrR5IpriHyllikKNH86MSCPZcfjTbLUHtdat9Sm3XEkVws77n5kIbccnnk+tOt9HvboK0aRqrQm4DyzJGvl7/LySxAHzcYPNVri3e1uGhkMbMuMmKVZF6Z4ZSQfwNP3Wxe8kmSWdhNfb/Je3XZjPnXMcWc+m9hnp2qyyTaRbXUU32eX7bD5QMN1HLsxIj5Own+7jnHX2qtZafcag8i2wj/dJ5jtLKkaquQuSzEDqwH41LFo97NdTW6pGrwIJJDJMiIFJADb2IUg7lwQecgihtX1YJO2iLd1rsV9dSvd2bGK6WN7pI5FQvMikeapCYUnLZBDD5m74IjTWE8x4pLZjYtb/ZlhSXDrGJBIMOVPzFxkkrjkgADGIINHvbjUvsEaRi542o8yIHzjG1iQGzkEYJyDkZFRPp9wj3C4jf7MgklaKVHUKSqghlJB5dRxnr7GlaOw7z3L11rcUsMtva2XkW5sltIlMpdlAlWUsxx8xLBugAGfbmzceJYL2VjeWMjLLZC3m8q4Cs8nnec0gJQgZbPy4wM8Vm2ej3t9bmeBIxCN2ZJZkjUbSgOSxGOZE+uaItIu5rqa3i+zs0CCSR/tUQjVcgZ37tvVgOvU0rQHzVBz31rcXCC7tZjaQReVBDDOEZBuLcsUbcSWYngctxgACm6pqP8AaD24RZFhtYRBEJZfMcKCWwWwM4LEDAGAAO2aktNBvLu4voR5cT2Vq91JvbhkUA/KRkHIIIPQjnNR6zpM+h6tNp128bzQ7dzRElTlQwxkDsaa5b2E+flu9ijVnTb+XStWtNQt1RpbSdJ0VwSpZWDAHGOMiq1FXsZ7nQW/ifyNfkvxbzRo1tHaxm3uPLuIUjVEQpLtO19sYDNtwQzgAbuLM3i2zufHy+JLjTLgrE0EkNsL7LB4lQKXkZGLg7OeATnr642iaSdb1aHT0vLe0lnZY4muA+13ZgoX5FbBJPU4HHWs+r5pWM+SNzZg1XTLS4uUttPuxYXlsILiKS8VpTiRZAUkEQC/MicFG43eoI0LTxqbTxFc6jFYvbxXOnx2LQ2l28TxKkcaho5eSpDRKfm3cZU5zmuWoo55IbhF7m7feJpp9WF9bm4nYQeSf7Zkj1FgNxPBkjAA/DI555xWZf6hNqVws1wlujKu0C3tY4Fxkn7saqCeeuM/lUmmaTPqv2v7O8a/ZLV7qTzCRlVxkDAPPNGs6TPoerTaddvG80O3c0RJU5UMMZA7Gs3K8rdTRQajdLQbZapc2EUsUHktHKys6TW8coJXODh1OCNx6etO1jU31jVZ714o4vNdmCRoq4BYnBKgbjz948mqNFFle4+Z2sWbG4S0uhcMGMkQLQgdpP4Sfofm75xjoc1HbzJBIZGiWVgPkDcqG9SP4vp0zjORkGKimSOd3lkaSRmd2JZmY5JJ6kmm1e0zSZ9V+1/Z3jX7JavdSeYSMquMgYB55o1nSZ9D1abTrt43mh27miJKnKhhjIHY0uZXsVyu3N0KNFTzWcsONw3HyllcKCditjbntyCp/wCBAdeKgpkhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFa2iadbXPmXV9ND5UP3bZrlInnb+7liNq+rflk9MmigDc01n/tV72+NoxFzvluGuFDxENlnRQ2G65HysDjgHpWHRRQAUUUUASr/wAekn++v8mqKpV/49JP99f5NUVABRRRQBKv/HpJ/vr/ACaoqlX/AI9JP99f5NUVABRRRQBPZSxQ3aPcJvjGcjAbBxw2Dw2Dg4PBxg9a0dMkmg1iciZJpHQk3C3iwvyQdySP0Y9DkZwWBA5xj0VUXyu4pK6sdPpt1FH4iv3e/aSZ7UrDPLcqriT5cqJmUqCFDoH4B7EZFOu9UdJ7ybdHFcjTkjSU3UVw8rCdMMXQAFwo4P3gEBz3rlqK19s7WMvYq9zUsNTU+IYLu/WMxSYiuThvmRk8t2ODksQSSepJzWrpl3bwak1utxGrW+nGCCUTLGfNJDyBZSCqnLSqG6Yxg87q5aipjVcRypqR1N3qjpPeTbo4rkackaSm6iuHlYTphi6AAuFHB+8AgOe9c5d3T3lwZ5QodgoYqPvEAAsfUnGSe5JNQ0Up1HPccIKOxueG9SbTLTXJobhILltPVYGON2/7TAfkz/EACwI5G3cMEZGnHLa3HjIXgvE84afbyqyXMcJmuTBGJP38gKxyBmkcuwzvQgEOQRyFFJSskhuCbbPVbfXLfQ/Fl3Hp2sW8cVxqmjpczxXaSCeNYmM7GXA3Dfy74GSTuxuIqnpfiMahqVtfalqiNqs2hTxpcNdJA6Tm7kbasrKywsYtwUkAAMACuQa82oq/bMz9ijttX1XTbjxJBN4itEmVNPWEyfaY9ReZw52vI8EsILbflySThRkHII53Xp9KuL9G0ODyLcRAMvktFlsnJw00p6Y53D6dzl0VlJ3dzWK5VY0NKkTy761d1je8txFGznChhIjjcewOwjPQEjOBkjQ02K00m31B7++jE8kItkFqkdyyeYTuIJYKfkQqSpOPNHIORXP0VDjc1UrHT393Z3l9dSW90rPq1gilpI0hCzLKm7eFJClzEWz0/eDOBlqqWAi0ldTS7NndM1ko8nziyM3nxnbuRhk4G75WPv0IGHRS5dLDc7u511veWt1bqscGnqW0gxi0luTHHu+2btpZpAQdvzYLfpxXNaiuy/kXybeDGP3dtL5sY4HRtzZ/M8/lVarNnfzWO/yUt234z51tHLjHpvU469qFG2wOXNa5c0VBNb6pbiWGOSa0Cx+dMsYYiaJsZYgZwpPXtWhFfWtraTW8ot7prbTBbsjufLlkN2JCFKsC2A3UHGVJGV5OHeX819s85LddmceTbRxZz67FGeneq1HLfcOe2x1KJC/j6yure7t/sSvb3EbSzxp5UK7AEbLfeQDaRncdue9Z+iMNN8RpbXsyrBcKbW5aG5XaI5V2k7xlSF3Bu4yvtWNRRy6WDn1v5nXQXkDLJpkRt7iK10xYVju7sJFLMZ45JMMGUcEsBhuRGDkis+2nhsp9Y+0WtiA1oqrbJcM8TnzYjhWWQknALcN2PYYrBoo5Bupc1fEflNrDS2kyy20sUbQYZSY49gCxsAThlA2nJyduT1rKooqkrKxnJ3dzW8L39tp3iazn1BUayZjBdBwxHkSKY5D8vzZ2O2Mc5xWzbS2v/CQWdtHeJ/xKdPWK3ZLmOIyzkl5QJ3BjQq8sxWTGMRrtO4q1chRWilZWM5Qu7neSQ2v/AAuK0ltb6xa1tJ7Oee6a/jKPtWIyv5rbRIxbcSQNzHccdaxtOsHsv7W0y4uLFbm+09UgK30LRswuInIMocop2xucMw6AdSM85RTc79BKDStf+kehaZfWNt4yvTFqNu0n9hQW9pdxXKwAyrBAGCTSIRExVZFBYKQTtypPFPV9V0248SQTeIrRJlTT1hMn2mPUXmcOdryPBLCC235ckk4UZByCOJooc21YI00nc1Nen0q4v0bQ4PItxEAy+S0WWycnDTSnpjncPp3LdBEY1LzHl8uSNC0Q81Ii7dMCRwVQgEsGI6qAMEg1m0Vk1dWNU7O51l/eRafrWtvY3cJf7BCscySrJ5km6AsyvgbnyGbcADkFuCOM+x1iUNq14ZI4bqSyREYY3O4lhBYZ6uQpct1zlhg1h0VKgrFuo27mzpt0L3XGu7mRYrhYgU2yLEZZAApbzHyqPjL7zyWHGGIIvXd1ZWPj5ZGkhuLIrHFcyLIZVdXhCTNvXBZvmc7gASecdq5irNhqFxpl0tzZmNZl+60kSSbTkEEBgcHI6jmhxBT6PvcueIHCXsFisaxiwt0tmUZJEgy0uSScnzGcccdMcVV02GOa+Q3C7reL97PzjKDkjPYn7o6ckDvVSiqSsrEN3dzQF5Ne6vLf3FwsLsTJI5+bg8bQpPzcHbt6Y64GSKc7xyXEjwx+VGzkpHu3bBngZ749ajopiCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK0tHF1PN9msYbUscvJNcQo6og6li4IVRycgDOe/ArNq7aatd2NrLbW7RCGYgyI8CPvx0zuB6elAG3p+lxyxXV1a6fNNHeJcC2VoN6xRhW2ndziTeoUDrwf7wNczJG8UjRyqyOhKsrDBUjqCKkW6ljuHmjKo7h1bagAwwIYAYwOCRx07VDQAUUUUASr/x6Sf76/yaoqlX/j0k/wB9f5NUVABRRRQBKv8Ax6Sf76/yaoqlX/j0k/31/k1RUAFFFFAE9lbfbLxIN+zdnkDJOBnCjuxxgDuSBVrTZoF8SWUqqtvAtzEfmfO1Qw5LH6ZJ4HXgDis6pxe3AvkvPM/0hHVxJtGdwxgn1PGST1PJzUtNiaGQQtcTLFGUDN0Mkiov5sQBT/scv2z7Nuh8z189NnTP387f19utMnnkubiSedt0krl3bGMknJPFR09Q1JJ4Wt5mikKFl6mORXX81JBp9lbfbLxIN+zdnkDJOBnCjuxxgDuSBUFFGthl+0itLu+cMvkxhMxw+eELkYGDI3AOMsSRgkYAGRizaaXb3GpXaTJLBDbw+aI2uI8vyoX96QFwSwO7B46ZyKoLqE63T3DeVJK4wxlhSTPTnDAjPHJ6nnnk06LVLyG8e5jmxJIhR8qCrIRjaVIxtxgYxgYHpUNS6EtM0ZtL06KaZ/OlaGOzW4MccscjK/mKhQuuVOc5zjgEHBxg1LWytLzWo7SKdlinGI2bPyyMnyqTjnDkKTjnk8VXl1CeUyZ8pBLGI3EUKRhlDBuigDqBz14qCOR4pFkiZkdCGVlOCpHQg01GVtWCTsbFnpFtLKFuHcGOy+0SoJETLM2EUO3yqCrxtnnqR14DptL06KaZ/OlaGOzW4MccscjK/mKhQuuVOc5zjgEHBxg50WqXkN49zHNiSRCj5UFWQjG0qRjbjAxjAwPSmy6hPKZM+UgljEbiKFIwyhg3RQB1A568VPLO+4rSuMulgW4P2V2eIhWG7quQCVPTOCSM4GcZqfTra3nS7kuzLst4RKBFjLHzEXHPTO7r264OMGlUkc8kUcqRthZk2OMdRuDY/NR+VaNO1iuhe/s1P7VEK7zB5STnLqpVWQMFLthRywXce5zjotaNtoeni+khvGuGDTWsUIhlQ485S3LYIbAHUdcds8YqahcpcecHVm8tYiHRWVlUAAFSMHG0dR1APWppda1Ca8a6kuMzNLHMW2Ly8YIQ4xjgE1m4zfUlqRoR6Rp1xcLJAbhbX7G1wElmjV2IlMajecKueCevcDPFRS6HHPqKQabNuDW4lZSfPMZztKloQ2fXOBwRnBqhb6peWrRtDNt8uJoQCoKlGJJUgjDDLE85/QVFc3L3UgeVYlIGMRRLGPyUAfjRyzvuFpXNBvtXhu4nhwjtd2rRNvikTCMcHAYKc/L1wRUw1SXUbzVdTuIbc3H2ZWAMQdFPmRJkK2e2fzrDqe0vZrJnaAp+8TY4kjV1YZBxhgR1AP4U3Dr1Hym1aRQ7Hu/9Fgeaw84tNCHjjf7QIyQm1sZA7DgscYHAoa0kSy2rwFJPNtwzyxRCNJG3MCVUYwBjb0GdpOOcmCPU7qK4lnDozzJscPEjqVBBA2kEADaMADjAxThPDeyF9SuJYioCxrb2yFQOcgLuULzzwOSSfqlFp3YrNO4adGmy7uGVXa2hEiK4ypYyIvI743Zx0yBnIyDPHcbrOfUTBb/aI5I4R+5XZ8wcltmNucIB0x1OM81WeSC0mjl025mdxnd5sCoMdMY3MGBBIIPGPXNH9p3X2jzt6Z2bNnlJ5e3OcbMbcZ5xjrz15qmmx2ubFjHZgm6vIYhHc2Ieb92CIs3IiZ0GPlO3JGOhPAxxUlraW9niPUoIlC2LJcEoGKE3ZjZxjPzBScHnoOtc+97cO07NJkzoEk+UYKgggAdgNq4AxgDHSpJtUvLiMJNNuUW62wG0D92rBgvT1A561DhInlZtQ2a2cZWdbW3nisG3vPCJFVxdlCSArZOPlzg1nRqj3N9dM1vcNbQrIhii2RM29E+5tXpuzjGCRzkZzENavtyM0qPst1tgJIUZfLUghcEYPIBz1qv9tmF59pUokn+xGqrjGCNoGMEcEYwcnPWmoy1uNRZo6TfNca9ZpJb2hWeaOOUfZYyHG7HQjC8HHy46DvzTdKvHufEVkJ4rVllljhdPssYUqXGflC4z79feqR1C5N5Fdb1WWEgxbEVVTByMKBgc84x1J9abZ3s1hcCe2KCRfus8avtOc5G4HB469abjuPlLcMxNpdak0cLTrLFEoMKeWoZXJOzG3PyAdMck4zgjRsY7ME3V5DEI7mxDzfuwRFm5ETOgx8p25Ix0J4GOKxV1CdLp7hPKVnG1lEKBGHHBTG09AenUZ601724dp2aTJnQJJ8owVBBAA7AbVwBjAGOlDi2JxbNWaefQo44khiWaexltrgMM9ZpFJyDyRtAzz0rO1TUZtW1KW9uVRZJcbhGCFGAB3J9Kjur24vfJ+0yb/IiWGP5QNqL0HH1qCnGNtXuNLqW9LtI77UorWWTy/OyiN23kHYDweC20H2qdNNQ3FtE28k24muBvVQmSSo3NhVBUx8nOC3Qn5az45HikWSJmR0IZWU4KkdCDU66hcrdPcb1LuNrBkVkK8YXaRtwMDAxgYGOgoalfQHc1LGOTSvGNnBbTuiySwbtkmco+xthZeGHOM9DjOKy7W2Se2vZHLA28IkXHc+Yi8/gxqY61fNqjai8qPdtjMjwo2CMYIBGARgcgZqP+07n7R5y+SrbNhVbeMIwznBQLtPPPI7D0FJKX5BZl+20i2k1CVJXfyorKO4I8xIy7OifLvb5VG5+pzwMcmiXQ459RSDTZtwa3ErKT55jOdpUtCGz65wOCM4NUl1e/W+e7+0M08kflSM4DeYu0LhgRhuAOufXrUFzcvdSB5ViUgYxFEsY/JQB+NHLO+4rSNBvtXhu4nhwjtd2rRNvikTCMcHAYKc/L1wRQ90uva1Pd6jsSSRARHHIIlcgBcb3yF4BOT1xjqRWTU1tcvayF4liYkYxLEsg/JgR+NPl69R2+8tmxj+2XO+OWG3toxK8ZkDuykqBtYAA5LAhsYwc/N3vadss9f0aXTXuIEvChkVpskjzipUkBcg7BxisuLVLyG8e5jmxJIhR8qCrIRjaVIxtxgYxgYHpVmXXJ/Os7iFl+0W8PllpIUYKfMZhtBBAwCoGAMYwOKmUZPQTTDw3N5PiG0IMqO8giR4mUFCx25+ZWB4J4x+NN0MWjXUq3lu83+jzMu2QKBiJyeCp544PY881FHq11FeLdRC3SZAApW1jAXByCBtxnPfGfeo21CdrpLgeVHIo2jy4URSOcgqoAOckHI5HB4puLdx2bLem2VnqF5cnEsVvDCZRG06BmOVUAyMAo5bOcdOME1NPMmh3Eg010lS9sjFKjyLKYtxww3IcE/LkH0IyKoRandQXj3MDpHJIhRwkSBGUjBBQDaR7Y9+tRXNy91IHlWJSBjEUSxj8lAH40crb12CzvqW7m5uPEWvLJIIo7i7kSMbchAeFHqfSn3U1pdawYbeKWW0wtvb7MlwBgB1XgEscsVxzuPQnIo29y9s0jRhdzxtHuP8IYYOPqCRz6+uCGxTyQb/KbaXQoSBzg9QD2z047EjoTT5ewWCeLyLiSLeknluV3xnKtg4yD3FEELXEyxRlAzdDJIqL+bEAVHRVlE/2OX7Z9m3Q+Z6+emzpn7+dv6+3WpIbdY777Lcx+cXwg+zuJGUnGCu04Y+3fkcHkVKkinkg3+U20uhQkDnB6gHtnpx2JHQmlqLUJ4vIuJIt6SeW5XfGcq2DjIPcVHRRTGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVZtorNoy15dSxHOFSGESH6nLKB14xnoc44zWrW0S806w8y4ufO+2rxbssKyJEf7+Cwy3p2HXnsANk0q3s43Oo3UqOtzLb4ggEgJj25OSy/3vTtWXWxpeo29gzeZd3z26yMwtEULHOMcB/mIGcAEYbj1rHoAKKKKAJV/49JP99f5NUVSr/wAekn++v8mqKgAooooAlX/j0k/31/k1RVKv/HpJ/vr/ACaoqACiiigB0cbyyLHErO7kKqqMliegAq3aWKS63bWMsqsskyRu8LZxkgHB6HGcZ5HHGRUFrcvaXAljCscMrK3RlYFWB78gkcc88VLbzwW2rwXELTJDHKkmcKZFAIJxngkdiRg4zgdKl36CdypRU5mS3vnlshmNXbyhcRq52843AggnH60fbJftn2nbD5np5CbOmPuY2/p79aeoEFOjjeWRY4lZ3chVVRksT0AFOnma4maWQIGbqI41RfyUACnWty9pcCWMKxwysrdGVgVYHvyCRxzzxRrYY9bCWS6eCFopCgy7iQBF6Zy5wOpxnOCehORl0WmXU949tAiSSRoXcpKhRVAySXB2ge+fbrUlpcW1vfO8c00MDJgAwJMT0O1lYhWAPf1AOB2s2mqWdvqV25hZbe4h8rKxI2Gyp3+W3y8sudvQZ4PAqG5dCW2VjouoC4aA2/zrEJiQ67fLJA3hs4K8jkHA5z0NVzZXAunt/L/eIjORuGNoUsSD0I2jII6jpmr9zqcUi3CCV5lktRBH/oyQBD5qvjahIxweeuTVSx1Gay1S2vdzu8DqcbyCyrgbc+m0Y+lNOVgV7Bb6XeXTRrDDu8yJpgSwChFJBYknCjKkc4/UVIdF1AXDQG3+dYhMSHXb5ZIG8NnBXkcg4HOehq3a6vbQ30u9H+ytai2T92jlNu0h/LbKnLLuK56sTnPNR3OpxSLcIJXmWS1EEf8AoyQBD5qvjahIxweeuTU3ncV5XM2eCS3maKZdrr75BB5BBHBBHII4Ip9pZXF8zrax7zGm9/mACrkDJJ7DIyew5PANRPI8jBpGZyAFBY54AwB+AAFT2tykFtexuGJuIRGuOx8xG5/BTWjvYrWw37FcfbPsvl/vfTcMYxndu6bcc7s4xznFWrbQtRu5JkggVjCUDkyoo+f7mCTg57EZzkeop66hatqImlRtv2aKJXaJZPLZURS2xjtbO0jn+9nqKuya7Zf2r58Mc3ki6tJVBRVbZEhU8A4B5GAOPpWblPoiW5dDPfQtRS8+ytAvmiNpWxKhVVUkMWbOBgqQcnrVW8sriwmEV1HsZkDqQwZWU9CCOCPcVp2Or20CxRzI+wWTW7sI0k2t5pkDBW4YfdGDjvjoKa2tvb36T2kjTBYfKGYvsu0bi2AIXHfnr36dKLzuF5XKVhHZSfaf7QmeLbbu0Gwffl42qeDwefT61blsNMk1G++x3kxsLaJZFl8re75KKRg7f4n/AEqpqOoy6ncLNOMMqbB+8d+Mk9XZj39cU7Tp7eJLuK7aVEuIRGGijDlSJEboSP7vrTae49dyWPS4S0sk1y62q2/2iORIgzOpkEeNpYYO4kHnscZGCYNQsfsTQFWdo7iITRmSPY20kjlcnH3SRycgg96v2mrxQSPGk11bRra/Z4Z4VBkH70SFiNwxn5hgHgEDnqYbpLjWZ1awgu74wxhJZzEWeQksQWwTjg7RknhR9Ak5X12Fd31K1haRXIuXuZnhjt4vMYxxh2PzquMEj+969qmj0l5bpVidmtmha584JyIlzklexypXBOM98EGnwQPpqXMWr293aJdw+WjfZ+ciRG6MVz9317ipF1e2htJIEtFuAI0t4zPuGYw7SMTtYYJcqQBnAGMnqRuXQLvoNTR4k1+TSru4mhk+0CCJltwQ2WwGILDAPB4zwaghsIry8MdlLM8McTTTSPAFKKoJbgMR0AAyRkkDjrU51W3fWdNvvs/lfZ/K85IskHY2Bt3Mf4Ao5PUGoLC/hsrO6R7VLiSfYmJC20ICWYfKwOdwT8jR71g94lfR0t9S1G2vZpYksQWLrDlnG9VBClh13A9elB0VzdRLG0pt5LY3ZkeHa6xLuySuSOdpxzg5XkZ4sxa3b/aGmXzrCSSyW3aS0BJVldcEZfONiKvXrmkk1q2EUwMDX00kaQtNd7gZVDM5LbXznPlgcnhO3SleYryK7aK8eq39pM0oSxDPIyQ5dkDABguR/eB69MnPrFb2dpPLdN9pmW2t4hJv8gF2yyrjbvwOW/vdqlnvrS8vLe4bzbF4oVVmtkL4dDhSu5wRhAvOeo/GrY12M3ksjXV2jtZi3+2RxgTOwkVtzAMP4RtzuJIAPfFO8x3kZ9tFpjTXYnuZhGtuzW7GPazy8YUgbsDr3/EVHqkdlFqUqaVM89oMeXJIMMeBnsO+e1R3s3n3jyfaJrndj97OMO3Hfk/TrUFWl1KS6kkMElxIUhXcwRnIzjhVLE/kDT0srh2gVY8mdC8fzDBUEgknsBtbJOMAZ6U7Tr19O1K3vI9xMMgchW27hnkZ9xkfjVtNQtTqG50YQRwrDCxiWTy8AZfy2O07sMSCeC5OSRkpuV9BO4zT7GNtbhsdRjlxNIkYMUgXG4jDZwQwwcjHXIOapRwSSxyvGuVhTe5z0G4Ln82H51sPqenyeKo9QzcJbQmFo1EKb28sKMEAhRnaenT0qpDNY273EKTXD29zCI2lMCh0IdW4XeQfuAfeHX25Sb39AuyGHS7ye6+zxQ5kEQmbLAKqFQ24sTgDBHU98dajvLK4sJhFdR7GZA6kMGVlPQgjgj3FasOsWaapPJ5Uq281nHbjciStGVVMEqw2vyntwc8Go21t7e/Se0kaYLD5QzF9l2jcWwBC4789e/TpRzTvsK8ilYR2Un2n+0Jni227tBsH35eNqng8Hn0+tSXtpbSa0bXRJHuYZHRIGk4ZyQOOQP4iR2qPUdRl1O4WacYZU2D9478ZJ6uzHv64qCDyvtEf2nf5O8eZ5eN23POM8ZxTs9x67l230LUbue4iggUvayCKUNKi7WJKgZJwckY4ofQtRS8+ytAvmiNpWxKhVVUkMWbOBgqQcnrUtjqNpY3B8tZjCuoQ3CbgN3lxl+Dzjdhh7daksdXtoFijmR9gsmt3YRpJtbzTIGCtww+6MHHfHQVLc+gryIY/DeqyyOiWykoI23GZArB/uFWJw2TwME88Ux9C1FLz7K0C+aI2lbEqFVVSQxZs4GCpByetXl1y3jnty0ksyQ3NvKMWscO1UMhZQqnHV8++TVa31G0+zx210swjNk1u7xgFlbzjKrAE8j7oIyO9K8wvIgOi6gLhoDb/ADrEJiQ67fLJA3hs4K8jkHA5z0NVzZXAunt/L/eIjORuGNoUsSD0I2jII6jpmr9xqNp9nktrVZjGLJbdHkADM3nCVmIB4H3gBk9qj0V799dtZrKKa6nhdDtRjkoMLgt2XGFyeADVXlZtju7XZUSyuJJbaNI8vd48kbh8+WK/h8wI5qxb2ltFcX0GryPBJBFII1TnMynAU4B46/406+uoLrVovNklls4BHAGT7xjQBcqD0zgtjsTVKfyvtEn2bf5O8+X5mN23PGccZxT1e4asn1SOyi1KVNKmee0GPLkkGGPAz2HfPaprrSzFqBsYnVrmONd67wd8mASi44yM4xnkqcckLUOmTx2t8l1I2Db/AL2NcZ3uPuj6bsE9OAcHOKjimja4ee93zscvtJ/1j5/iOc46k45PTjOQarQNSCipJ55Lm4knnbdJK5d2xjJJyTxRBM1vMssYQsvQSRq6/kwINWUR1NbWz3UhjiK+ZjKIesh/ur7+g74wOSAV+2S/bPtO2HzPTyE2dMfcxt/T3605biOW6ee8jVzjIijQRozcAAhcYHc45PTjOQtRalaipJ55Lm4knnbdJK5d2xjJJyTxUdMYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABU9tY3d7u+x2s1xsxu8qMttz0zj6VBWxoujXGqxvJILg6fbEs/koXZmOPlRe7HA56AYJ7UAZttaXF5IY7S3lncDcViQsQPXA+tQ108UV1qNnK66Wt3dyajIbiHcyiMsF27lBDDB3gEnC/NnrXP30UUGo3MVs/mQxyssb5B3KCQDkcHigCCiiigCVf+PST/AH1/k1RVKv8Ax6Sf76/yaoqACiiigCVf+PST/fX+TVFUq/8AHpJ/vr/JqioAKKKKACip7LyPtafa/wDVc5znGccZxztzjOOcZxzWlp8dzJrMy3FpLc3Hl8GG2W48ofLhhH91l2/KOwDAjoKqK5nYUnZXMaiun020V/EV/HOkU9wlqWhRbVCQ/wAvHkZVS6qWynOGU/eI5ddiGGe8mOmeVNFpyMVurIQhpPPRRII8kDgjpwSDkYJFa+xdr3Mvaq9jlqK1LCezuPEMDXdvHFbT4imG4KqFk2NIMjC4JLgYwOg6Vq6ZaW/9pNaG3jkubXTjtHkrIzTEh2/dsQGdFdl2kn/V5xxtqY0+bZjlU5d0ctRXU3YhhnvJjpnlTRacjFbqyEIaTz0USCPJA4I6cEg5GCRXOXcyXFwZY4VhDBdyr03YG4gdBk5OBwM4HSlOHJ1HCfN0IaK3PDbxQ2muXUlrb3Mlvp6yQi4jDqj/AGmBQ2D1IDHg8HoQQSDpx6VFceMh5ECHGn294baG1E7SyyQRs3lwAqrkPIX2ZChVbgqNpSjdIbnZs5CivVbfTrXRfFl3YSaVYzNNqmj2sou7ONzH50TPNtX5lQswIIUlQDheikU9LS11nUra9fTLFbyfQp7iC2tbCN1Mou5EyluWVZWWINgMSfkBwxHN+y6XM/bLex5tVmy0661D7R9ji8z7NC1xL8wG2Nep5PPXoOa63V7XRZPEkCazZXGkL/Z6mUz2zad58wcqJBGkc4UFQM4ABZWPHQ4OsNY6dflfDd7IbeW32TNHcu+7JO5SWhiOMAcbSPc9BlJNOyNoNNXZTvdKvdP1GWwurdluYl3PGpDlRt3Z+XIxt59qiayuklgia2mWS4VWhQxnMob7pUdwe2Otbnh3VHS91HUNSlmuQLeMzlm3tLH9ohDKcnkFcrg8EcdK1JZ4by1/teeS3s1bT3trdZzIywmWedQo2KeFiWRRxgfLx6YubW50KnGWqf8AwxyMOm31zdSWtvZXEtxFnzIY4mZ0wcHIAyMHimyWV1DdPbTW00c6KWeJoyGUBdxJHUDbz9Oa6kWj3nxC0y+09FuY7uWG9ka1SQqp8wLK2GGQvmK557EVkaJZXUWvSWcttMlybS5UQNGQ+TbvgbeuTkfnT5yXT1S8zGp0cbysViRnYKWIUZOAMk/QAE/hUt3ZXVhKIr62mtpCu4JNGUJHrg9uDWv4Vu0sZr+5nDNDHbxmZFGS8f2mHeuDwQVyMHg5wapuyuiIxvKzMhrK6SWCJraZZLhVaFDGcyhvulR3B7Y606HTb65upLW3sriW4iz5kMcTM6YODkAZGDxXXSzw3lr/AGvPJb2atp721us5kZYTLPOoUbFPCxLIo4wPl49IBaPefELTL7T0W5ju5Yb2RrVJCqnzAsrYYZC+YrnnsRUe0Zr7JaWOWksrqG6e2mtpo50Us8TRkMoC7iSOoG3n6c0WlldX8pisbaa5kC7ikMZcgeuB25FaWiWV1Fr0lnLbTJcm0uVEDRkPk274G3rk5H51a0XSrqF9Utb7S755HsAwtkQxyuPPi5XKnjg9j0NU5WIjC5kJpOpSXr2aafdNcxrueAQsXUcclcZA5H5ii30q9upbqKG3bzLOJ5Z0YhTGqfeyDjkenWtSzigtJdcju7C8ghWyTdbSyhZhmaHGWKevP3en51H4ga50/W5RbTyJbz2saQSRlk8+28tQmc4zlVG4YxuB9KXM27DcUldmZqOnXWlX8llfxeVcRY3puDYyARyCR0IqtUtxcz3dw093NJPM2N0krlmOBgZJ9q0fC5sf+Ems4tXRGsrhjbzM7qoiWRTH5mWBAKbt4JHVR061pFN2TMpNK7Rk1d0rSbvWr5bPTxC1w+NiS3EcW8kgBVLsAWJIwBya6K20qJvEFnp8cCPPpunq08cdqJ5p52JcqIMrvkjMwUqxxiBiwIBStBdAns/jTYWVjZTMbW5sp7lYoAPLyImkdlQsqLuYkgHaucA4xWqpsydRdO1zgKK6PTtAvov7W0++0m4TUZdPV7O2mtmEzt9oiyY1I3E7Fk5HYN2Brf0zSLVPGV7am0t5rmHQoJLaGKCO6DT+RBvZIy6pM21pXAyQT82GIwUqbY3USPPas2WnXWofaPscXmfZoWuJfmA2xr1PJ569BzXW6va6LJ4kgTWbK40hf7PUyme2bTvPmDlRII0jnCgqBnAALKx46HB1hrHTr8r4bvZDby2+yZo7l33ZJ3KS0MRxgDjaR7noIkmnZFwaauyhqOnXWlX8llfxeVcRY3puDYyARyCR0IqtWvpKz6trTT3Ukl3OqFyHjNxLKRhRtQkbyMhsE42qcggYOrf2cWk61ram0heS2sIZAk0S4SVmg3NtBKg5ZjtBK845Xg581nZ7m3Jdcy2OTorcsbmCVtWvVsbfdHZI6xyIGRZfNhUuF4AySx242jO3BXgs02NNU1xpYrZU2RCQ28cPnNI4AUlIsqGO4l9n3QAeCBgvmJ5drGNVmy0661D7R9ji8z7NC1xL8wG2Nep5PPXoOa3ruys9O8fLZX0KrbOscU+7ZGI2lhAaTHzKpVnLYGQMccAVn6rL/Z1xDaaeZLZo7JILoq+GlZxvkV8AdC2wqc/cAPSlzX2Hyct+boUdR0660q/ksr+LyriLG9NwbGQCOQSOhFRSwyQ7PNXaXUOATzg9CR2z157EHoRVm3MmraujahPNLvO6eZ3LOI1GWOTnOFB9elTfbJr/AFee5jSKOJx+8jcYiSEYAVsAcABQMc5Ax82KpXtqQ7X0MyipJ/K+0SfZt/k7z5fmY3bc8ZxxnFR0xBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFX9MAmmS2h01L65mfCiR3Ax7BWXHckkkYx0wcgFCita0Fm2qSWsNtDcW3muy3M/mblhXJLYVlzhQTjGT09qzZ3jkuJHgi8mNnJSPdu2DPAyeuPWgCOiiigCVf+PST/AH1/k1RVKv8Ax6Sf76/yaoqACiiigCVf+PST/fX+TVFUq/8AHpJ/vr/JqioAKKKKACipba3e6nESFVOCxZuiqASxP0AJ459Kt2VhFqF/JFbtP5aJuCrGJJpMYHyoCMnndjPCg8nHLSbdkJtJXZn0VrWWiC/1S6tonuQltG0j5tSZjggbRGCedxA68DJOKnuPDi2txILi7khhS0W7zLbMsmDIEKFCeGyTjnB45AORfsptXsR7SN7GFRWhBpa3WsLY29zG/moWhfIG9im5EOTgMThSM8E45xViw8PtezRp50gP2Q3UiRwGSRRvKqoQHknKNzgYbPTqKnJ7IbqRW5j0Vu3HhxbW4kFxdyQwpaLd5ltmWTBkCFChPDZJxzg8cgHIyLuFLe4KRTLMmFZXXuCAQCOcEZwRk4IIyaUoSjuEZxlsQ0Vp6NpUGpLfyXd79jhsbYXDuIjIWHmxptABHzHzOM4GQASoJYTDw87eJYtLikmmWWNJ42htmklaNohKuI1z8+wj5c7Q3VtvzUuVj5lexjUV2dj4Dgk1S6stU1WawdLmztoFNkWkka6UsgdS48tlUZYZOCCATgZjg8EW19qiRaXqlxeWR0+S+86LT2aaRVmaEKkIYlizKCMlcBsnGDVezkT7WByFFdHq/g6507VoLOCdMXFot2n9oFbB1UsVKusrABgyngMcjkZFVI1Hh+4uodQtbO+a5s3jjMV1FOsLMcBwyFgGGDxkHntms5Jx0NItS1Meit66ubK/mv8AW00yGGFZYYY7AMRGCyNliU2nH7snAxywOeCC19OtWsbi8SLYJdPF1FHuJELfaViIBzyMBsZzgMByRuMc3cvk7Mw6K6XTtMtXtI5fslvPKdMNxtuZzFGZPtZjyW3rj5OMZAz71RNpE7au0tvbxNb2qSRpbTGSNGMsS5Dbmzwx7nk+3Bzq9hum0rlGzuobbf51hb3m7GPOaQbfpsdevvnpReXUNzs8mwt7PbnPktId313u3T2x1rc07TLV7SOX7JbzynTDcbbmcxRmT7WY8lt64+TjGQM+9Yeorsv5F8m3gxj93bS+bGOB0bc2fzPP5UJpsHFqJWoq9ptvFKLu4nXzEs4fO8rJAkO9EAJHIGXBOOSAQCM5FmP7E9rPqn9nxgQvHD9k8x/KLOHO7Od+AI/u7vvHOcfLTciVG5kUV0+m6XptxM011GsUF3YCVA0hC2jtciDfnPKry2GPTgk43U7TtGsMRx6nB5LPp5MjyuyeRKbww+YwyPuA5KnAO3n1qfaItUmzlqK6ez0iFIQZrGF7lNNaV4ryZoVEouzEdx3LgheMZHI9az1tIjfX809vbqlnCs32a2mLxuSyIBvDMcZcE4bPBAK9Q+dMTptGRRW5pEun3viCzt5NIt/Ku54opEMsuEy2CUw4IyCPvFuRkYBxTNJks7/xLYwzaVarBcSxwPErzYG5wCwO/O7Bx1x7U+byEoXtqY1FasItnt7rVHsYSkUsUKWgaQR5dXO4ndvIHlnjcOWBzgbTpabpem3EzTXUaxQXdgJUDSELaO1yIN+c8qvLYY9OCTjdSckhqDexzFFbxa30S3iFzpizTXemyxOs3Bhl86RBJgg4ZQgGBis/Wb6DUtWmu7SyjsYZNu23ixtTCgHGAOpGenemndicUlvqUaK0ND0ptb1iLTopkilnVxDvIAeQIxSPJIALMAo56sOvSrMHh5577S7RZJnmvbY3EkMNs0ksQy5ChF5ZmRFdc7QQ6kkL81aKLZk5JaMxqK6zR9Nk0L4lafpV1DDOk9zbRyx3lmjExSlG2sjhtj7WAOOQcgE9TgWOn/bbPUp/N2fYbYT7dud+Zo48deP9ZnPPTHehxaBSTKVFdNpvg59Q1qWyW5mZIdNi1CQ29o00rCSONgiRqfmbdKq5JAwCxIximav4OudO1aCzgnTFxaLdp/aBWwdVLFSrrKwAYMp4DHI5GRRySSuJTi3YxbC7Sxulnezt7zbysdwGKA5BzhSM9OhyOelQSSvNK8sztJI7FndjksT1JPc1rRqPD9xdQ6ha2d81zZvHGYrqKdYWY4DhkLAMMHjIPPbNSOkHiXxDcTWlp9ghZA62lpGJXOAqkRoNu45+YjjADHnHOd7PU2SurJmKruisEZlDjawBxuGQcH8QD+FNrSt9JW7146bbyyIx3pH9pjETmQKSEKliFJYbevf8KnTQEWPfeXqwBbBb2QKnmFA0gVUwD94qysM4+8AcDkHMgUJMxqK1Ro6LqM0U9yyWkNuty86xbmEbqpT5Nw+Yl0XGcAnrgZplpe2On3F8Etv7QhntXgie4jVGiZgP3m35sEEHGD+Io5uwuXuZtFaOpXCa3rzSadYR2YuXRIrWIgKpwFwDgDk89B1pb1LH+03to5MW8SiGOdVGCw6ucZLKW3HqSARjOAtNbCej0M2ipJ4ZLa4kgmXbJE5R1znBBwRUdMQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVo6fq7ada3ECWlvKLgbZHk3hyv90FWGB6jv3zWdVm2tEnjLy3lvbDOAJdxLevCqSOo5OM9s4OAAS98qK7jjgiUXQCn737tQwbC8+oHXJ4qtV8aU8fmfbbiGz2StD+93NudcbgNit0yPz4zzVSeCS2uJIJ12yROUdc5wQcEcUAR0UUUASr/wAekn++v8mqKpV/49JP99f5NUVABRRRQBKv/HpJ/vr/ACaoqlX/AI9JP99f5NUVABRRRQA5HeKRZI2ZHUhlZTggjoQasJeRi6eaWyt5gwwY23qgPHzAKwx9OnPAHGKtWBY3TXn2SOCSS4/55RrubOMkYHcdx1GDnpTV76Ce2pYj1maO9mnaGCVJofIeCRCUMYACr1yMbVwc5yoOajfUBidbe0gtkuIRE6xlyMB1fI3MTnKgemO1R/2fefbfsf2Sf7V/zw8o7+mfu4z05+lB0+8W5a2NpOJ0xuiMR3LkgDIxnksoH1HrV3mTaBHbzyWtzFcQNslicOjYBwwOQeauR6zNHezTtDBKk0PkPBIhKGMABV65GNq4Oc5UHNUzbzCZ4TDIJY929Np3LtBLZHbGDn0xTorO5nlijgt5ZHmBaNUQkuBnJAHXofyNJOS0Q2ovVkz6gMTrb2kFslxCInWMuRgOr5G5ic5UD0x2qnVg6feLctbG0nE6Y3RGI7lyQBkYzyWUD6j1qGSN4pWjlRkdCVZWGCpHUEUpX6grdCe1v5bO2vYIlQrewCCQsDkKJEkyPfMY/DNXU8Q3H21557a3njltIrOa3cOEljjWMLkqwYHMSNkMOR6Eis+1s7q9kMdlbTXDjGVijLnlgo4HqzKPqQO9H2O6+3fYvs032vzPJ+z+WfM35xt29d2eMdc0XYWibs3jW+l1g6glpYwN9rtLtYYYmWNGtkKRqq7uFw3I9hjFVbLxNdWawxm1tLm3jsnsXgnjLJNE0rS/Ngghg7ZDKVI2r75rWugaxfT3EFlpN9cS2zbJ44bZ3aJskYYAfKcg8H0ND6BrEWpR6fLpN8l7Ku+O2a2cSOvPIXGSPlPPsfSqvPcm0Nh/9u3Nrf8A2vQ1/sRzF5bDTp5k3DOTks7NzxxnHA4qtf6nf6rcLPql7cXsyrsElxK0jBck4yxPGSePeo7uzutPuntr+2mtbiPG+KaMo65GRkHkcEGrGmWMF99r+0Xsdp9ntXnj8zH75lxiMZI5Offp0rNu25pFX0QaZqKWLulzaR3trNt823kZlBwchlKkbWxkA84DNwQTVm41WKO+ZrT/AEq0eEQtbzwmJAgbcEAWQkAMFbO7JOc5ycl3ocUOtXdpaalb3Fraosj33Pl7TtGcLuJ+ZwvGefQZxBb6UtxcXSJqFqIbaISvckSbCCyrwNm7OXA+761HuvU195aE58QyNM5exs2t2tVtRahXWNIw4fgqwbO4ZJLEkk1Wi1IQ3U0kVnbrBOgjktcuY2XIOM7t/wB5Q33uo9OKItNE11NHFeW7QQIJJLrDiNVyBnG3f95gv3ep9OaItNE11NHFeW7QQIJJLrDiNVyBnG3f95gv3ep9OaPdFeT/AK/rT8CyfEMjTOXsbNrdrVbUWoV1jSMOH4KsGzuGSSxJJNVkittQuJZGns9LUY2xMJmU8c4wHPbPJ78ezrTSlvdXXT4NQtd0jKkUxEgSRiQAo+TcDk9wBweaammiS4lCXlv9mhxvvCHEYJHAwV3EnkYC54J6AmjRbB7z3HErpUqtbX1rfpKpSWJFk2svHysGVeD1GOQRkEEA0DViJWxZWotWUBrTDeWcZIJO7fuBJ+bdnBK52/LUtt4furu4nihkhPl25uI33HbcLuCgR8ZLMxCgHBz8pwRiqNxaPbw2srlStzEZUweQA7Jz75Q/pRowfMid9WncXC7I1jnhFuI1B2xRh1cBefVepyTkk5JJqe88QXV9GVmjhBa0W0dlU5cCQSFyc8uWGSe+T35qtp+nm/NwTcw20dvF5skk27AG5V/hUnOWHapotEkeaYSXVvDBFCLgXL7zHJGXCArtUk/MwGMZBBBwQRR7oLnaJ5PEtxPIGurS1nU2gtHVw4EgEnmb2KsCXLjJOecn1qkmoGK9eaC2hiikXY9sNxjdeMqdzFsEjPXIOCCCBia30SSfWk01rq3hll2eTJJv2S79pTGFJG4MDyBjvg8VGmlyTveCymjuls4fPd4lfDLlQSAVB43ZOQOATQuVA+d7gmqNDqttfW1tbwG1dHiijU7Mq27kklm57kk9uAAA3S9QOl6hHeLbQ3EkTB4xNuwrAghvlYZIx349qs2mgXFxpwv5p4bS2KuwknD4IRo1JG1SSN0oHHo3TFRW+lLcXF0iahaiG2iEr3JEmwgsq8DZuzlwPu+tF4haWjGpqQjuJSlnb/Zpsb7MlzGSBwcltwI5OQ2eSOhIofVp3FwuyNY54RbiNQdsUYdXAXn1Xqck5JOSSang0ZDdXsN7fQ2xt7Q3MTHpcfKrIq5IOWVgR39s1BrNjBpmrTWlpex30Me3bcRY2vlQTjBPQnHXtR7rdgfMlcNU1afVnt3uUjVoIRDuQEF+Sxdsk5YliSe5NUafFDLO5SCN5GCs5VFJIVQWY8dgAST2ANPSzupJLeNLaZnuseQojJM2WKjaP4vmBHHcEVaVloZuV3dhZ3c+n30F5aP5dxbyLLE+AdrKcg4PB5HetBfENx/aVxczW1vNFcQJbSWjhxGYU2eWmVYPhfLjwd2TtGScnJomjRah4kh0fU5rjT5Zp1thi2EjJKXC7XUsu0Ak56kY6VmJDLKkjxRu6xLvkZVJCLkLk+gywGfUj1qtUifdbN0+LZm8WjxA+l6c1xH5RhtwkiQwGMIEKqrg8BBwSR146YqprqQ3kklvpNjDbTweRPZq0xjmXeHBJMhcHcqH5WH3R2JzSh02+ub2Ozt7K4lupFDpAkTM7qV3ghQMkFfmz6c0y7s7rT7p7a/tprW4jxvimjKOuRkZB5HBBp80txcsdjWXxZeHWLi/ntLGcXVolncWzwYhkjVEUfKpG0gxowKFcEDGBxVb+3bm1v8A7Xoa/wBiOYvLYadPMm4ZyclnZueOM44HFRaZYwX32v7Rex2n2e1eePzMfvmXGIxkjk59+nSnappiWeuSafp10upKGVY5YFyJSwBwACcnJx17VDnd2Zap2XMiG/1O/wBVuFn1S9uL2ZV2CS4laRguScZYnjJPHvTLS4jt5S81pDdqVxsmLgA+vyMpz+PehLK6kuHt0tpmmjba8YjJZTuC4I6g7iB9SBQlldSXD26W0zTRtteMRksp3BcEdQdxA+pApaDsy9Z3Zu9fhvLi+h00wtGySmJnEYTaFVVAYkhQMbuu3k5NRXOrvNcXzRRLHFdRLAIydxiiVkKKDxkgRqMnrz3OaqfZp/tX2XyZPtG/y/J2HfuzjbjrnPGKDbTi4eAwyCaPdvj2Hcu0EtkdsAHPpg0rK5XNK1i7Drk8V487wW8yyWqWssMqEo8aoqjPOQfkVsgg5H4VSuJUmuGkjgjt1OMRRFiq8dtxJ9+TVvT9MS7W4a8ulsljtHuYTKuBcFTgIuSMkkEcZ6Him6zYwaZq01paXsd9DHt23EWNr5UE4wT0Jx17ULlvZA+bluyC0ufskxlVN0gUiM5xsY8bvqOSOmDg9sFtvcPayGSIL5mMI56of7w9/ft1HIBE9zpk1tOYCrGaOESyoRgpkBsAHk4Ugnjj5uwzVOqICiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArW0RNNTzLrULiHzY/9RbTI5R2/vOVU/KP7vfHOB1yaKAN2y1AR27x/b4RMt00zy3PmusvAwy4BKtkMS2FcZGCOayb6aO41G5mg3iOSVnTzDlsEkjJJOT+JqCigAooooAlX/j0k/wB9f5NUVSr/AMekn++v8mqKgAooooAlX/j0k/31/k1RVKv/AB6Sf76/yaoqACiiigCeyufsl2k+zdtzwDgjIxkHswzkHsQDVuwaGC9mjF1bG2kj2t9qSQLIuVYKQgLAggHg4yvUjrm0U07O4mrqxv6be6daapforrHb3NqYVZhIY92VYj5SH2EqwHfBGQeaddauNtyi3UH/ACDhawfZDNjHnKxQmT5vu7vbGB7Vz1Fae1drIz9kr3NDT9Ue31q1vbr96keyORdindEFCFcHg5Tj/Oa07HVLKG+nt2mVbX+z/skTusnllsq7Z2EPtZw/vhxkY4rnKKUakojlTjI6G61cbblFuoP+QcLWD7IZsY85WKEyfN93d7YwPasKeeS5kDzNuYIqA4A+VVCgfkAKjopSm5bjjBR2NbRdSXT7DW1+0PBLd6f9ni2ZBcmeIsuR0BRXzngjI74rTj1LS5vEguJbhAg0u3t43m85YfMFvHFIsnlYk24Eq/L1O3OVJrlqKSk0Dgm7nozeJ9Hs/Ermw1HFh/aWkMWiilRJILeIiQ7Wy21WCHaxJ4B5xmqWkeJbDMSale5kuNEntJ5rgTMnnNdvNiUxsJCrLgEqT9/kEbhXDUVftXcj2UbHYXfiW2h1q1luY7HUra208WkKWIZkjUSFgD9sikORkjgcAgAgAisPXtUttWv0ns7P7GixBDHiEZOSc/uoo1791J469AMupYbae58z7PDJL5SGSTy0LbFHVjjoB61nJ3d2axjZWRZ0mWSG6YxajHYZQhnlDlJBkZRlVW3A9wRg45rbj1KwW8ufKn0+3mk09YXmFoxtpZRMjZEZQ4yijPyAbgSB0Nc3cW09pcNBdwyQTLjdHKhVhkZGQfaoqzcVLU1U3HQ14riRdameLV7O23IA00cLpDKOMp5ax8g9wVwcHOe9ma9hfVY3sL+zsHFqEuZooZEguG3dPLCHIK7dylQpIbjkZ5+inyoXOzpYrvTW8VabdtcWdstp5UlzNDDIkUzo+cogXIJXbn5VG4N6jOfCbZLe60t76EJLLFMl2FkMeUVxtI27wD5h52nlQMYO4ZVFLlDnfY6CHWYrKN0tJ/3tpZJDbzbDiWQXSzZAI4A+bG7qFGQCdoreILiwnawGltmGO1w0eG/cs0sj+XlvvbQ4G7vjNZFWbPUr7T9/2C9uLXzMb/JlZN2OmcHnqfzo5baofO2rMs6Q9v5Oo29zdR2v2m1EaSSq5XcJY3wdqk9FPar0WsQWcE0MDxyGDTxaxPJCHSZvtIlJ2MCMYLY3D+EHgnAyLzUr7UNn2+9uLry87POlZ9ueuMnjoPyqtRy33DntsdKt1psnja11NL6O3tFeG6ZZBI3k4KkwjCfw4IXA27QOaz9KmttM8RwGeaG6s93lTyKJNrROu18cK2QrN26jvWVRRy6WFzu9/mdPb6taLPNbwz2tvFFpqWkEs8DSxyOJUkdipVjgt5hGVGBt4BqpBqS2Vzqsnn2c8s1qscTRWg8l28yIkCNkAHyq3VRyM9cGsOijkQ/aM0tfntbrVmurGTdDOiSeVknyDtGYuVHCkYGONoWs2iiqSsrEN3dzT8OaomjeI7K+mTzLeOTFxH5av5kLfLIm1uDuQsOfXtWtDqWlnXI4zcILWz08Wlq8vnLAzkfvi5jxKY3LzkY5y6AgLlRy1Sw209z5n2eGSXykMknloW2KOrHHQD1q1JpEOCkzsZL/AEV/inaahb6pbw6VYNZus5gnCyLCkSlUTDOD8pxu9OW7nJsUsLFtS099YtJU1CyES3ccc3lRMJ45MODGH6REfKp5ZfcjEuLae0uGgu4ZIJlxujlQqwyMjIPtUVPnvqL2dtL/ANI7my17R4fEuoAXmbK70SGwjnuIZVQskUAKyrEwcKTEyHaW6/xLnNa78S20OtWstzHY6lbW2ni0hSxDMkaiQsAftkUhyMkcDgEAEAEVx9WbDTb7VZ2g0yyuLyVV3mO3iaRguQM4APGSOfem5uSsJQUXct69qltq1+k9nZ/Y0WIIY8QjJyTn91FGvfupPHXoBHo0ttFeu126pmJljMhkEeTwQ/l/PtKlh8vcjPGaz6KyaurGqdnc6XUdUsk1LWDpt1+5m0+G1geJHQPt8kMoDZIG1HHJ6cZOec+01V1h1Np7hlmmsEtYyowWCvENvHby0I564561lVLDbT3PmfZ4ZJfKQySeWhbYo6scdAPWp5UkW5ybuaGm3scmotNqUqhxbiGJpN6x4ChNr+X8+3ywR8vU4zxmtCbUrWPx5b3GmD7ZaL5EGyKAnzo/KWN0VHyTkblAJJ56965+4tp7S4aC7hkgmXG6OVCrDIyMg+1Wf+JroN1/y+abcOn+1C7KT+BxkfpQ4pjUmlZ9yTXbhZb+O3iaNobKFLVDEBsYqPnZSOoZy7Ank7vwqDTfKW+Sa52GKD96yPjEmOQmO+44HfAJOMA1HaWV1fymKxtprmQLuKQxlyB64HbkVBVLTQiV27luK483UHvLud1feZi0fyu75zhSBhTk5z2568AwTy+fcSS7Ej8xy2yMYVcnOAOwqOpYbae58z7PDJL5SGSTy0LbFHVjjoB60ySKipbi2ntLhoLuGSCZcbo5UKsMjIyD7UxkdFUurKHG5SRjcMkZH4gj8KAG0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVraIL+TzFtb17C0i/eXNyjFQg6DJHLHsq+pOMZJrJqzbalfWcZjtL24gQncVilZQT64B9qANiy1Vm3rptx/Zkkl605ihiLNIpxsjXaPmx8w2ttU7h+GTqvlf2ze/Ztnk/aJPL8vG3buOMY4xio1vrtPP2XUy/aM+diQjzc5+969T19agoAKKKKAJV/49JP8AfX+TVFUq/wDHpJ/vr/JqioAKKKKAJV/49JP99f5NUVSBgLd1zyXUgfQH/Go6ACiiigCeyiimu0juH2RnOTkLk44XJ4XJwMngZyelWrY2x1Ob+0oYoCqlUikV1iRgQMOE+fAAPTndjOeazqsQX95bTGa2u54ZSgQvHIVbaMYGR24HHsKqLSd2KSurI2bDTbeXVr83dtAsdvafaI40aXySDs2ucbpNu19+OD67RnBJDo5kup7aGO4SGxWVoopJBGs3nInBYBtpByQf7xAPQjES8uYrs3UdxKlwSWMyuQ+T1O7rzk06fULy6dmurueZmQRsZJSxK5ztOT0zzj1rX2kbWsZezle9y5YQ2F/4hgt9kkdvdYiA6+XI6YBHOSqyHIyc4HOTV/T9LsmuCtxCrtbaYLmXe0nls7sCrNsBbCpIuQAOVPOMmucqZLy5iuzdR3EqXBJYzK5D5PU7uvOTUxnFbocoN7M25IdHMl1PbQx3CQ2KytFFJII1m85E4LANtIOSD/eIB6EYl20D3Ba0Ro42CnY38LYG4Dk8bs4yc4xnmnT6heXTs11dzzMyCNjJKWJXOdpyemecetV6U5KWyHCLjuzZ8PwWL2+r3Oo2n2sWdkJoozKyDf58KDJHJXDkEcEgnBU4YXX0a0HiVj5cMdhFZQX86zSyCKLzYo2CkqGkKeZKq4GW2n7w5cc4k0sSSJFI6LKuyRVYgOuQ2D6jKg49QPSpodSvra9jvLe9uIrqNQiTpKyuihdgAYHIAX5cenFJSVkNxd27noFn4c0Ww8RXNjqOkpeGbUNLtUVpp4lt/tMbSS7RlXIGCqh/mHGckEGrZ6Roep3a6hHpMNpbDRJr8WjT3DxBhdvCGkZA0hVUwx24yVz8ozXGyazqc101zLqN29w0iTNK07Fy6DCNnOdygkA9Rnio7fUr60ngntb24gltlKQSRysrRKSSQpB4BLNwP7x9av2kexn7OXc6S40nw9quuxRabfQ2kJshJcG3cGJZw20qhunhO0rhsFmIJIGQMjP1JD4Zv5INI1Hz0u7QxTSYgbKsSGT93JKo+6P4g3sOCcu/1K+1WdZ9Tvbi8lVdgkuJWkYLknGSTxknj3qtWUrNm0bxR0ei69ql340s7ia+mEl5dwLceW3liUBgoDBcAjHHSjRdVupn1S6vtUvkkSwCi5RzJKg8+LhcsOOT3HU1z0crwypLC7RyIwZHU4KkdCD2NS2l7dWEplsbma2kK7S8MhQkemR24FZuC6GyqPqatjP9p8QXMv2q4vN1lc/vrkYkb/RnHI3N06dTwKPDU/2ZdVl+1XFntsh++thmRf38Q4G5evTqODWZ/aV99v8At3224+1/8/Hmt5nTH3s56cfSpf7b1X7V9q/tO8+0bPL877Q2/bnO3Oc4zzihxYKSRbt9XS31e6uHur65aaIRpfE7LiI5X5x8zcgKVxuGVJGRmrjwtFc3F/HfyahcS6eLq0uJQRMGEio2QSfmRVl5BOAu4EYBGMmralHeveJqF0tzIu15xMwdhxwWzkjgfkKikvbqW9F5LczPchgwnaQl8jod3XIwPypcrDnVjXjvb86Xc6k8s39oK0IjuufN8kmQMwbqRvCJv6jhM4OK0LOSRI57kX32C9m0hZLi6LOrBjdKAzbAWBaPZzj5t2453Enmv7Svvt/277bcfa/+fjzW8zpj72c9OPpUbXM7vM7zSM0/+tYuSZOQ3zevIB57ihwuCqWOrh1dJ5ry4Go3SzQaUsU+oQRYkkcXKAMPmUsNpVdzEMQOR2rmNRn+038kv2q4vN2P31yMSNwByNzdOnU8Cm2l7dWEplsbma2kK7S8MhQkemR24FTpewXFxLPrS3l7M+MSLdBW4GOSyNnjHpjFCjyvQJT5lZl7w1P9mXVZftVxZ7bIfvrYZkX9/EOBuXr06jg1b0bUkj1LV7ye5ur6BrREnknXEssTTQq6/eOCVLKPm9OR2yDqKWcqy6Eb7T5CpWR/te4sOOAVRcDj37elVpr26uJZZZ7maWSZQsrvISZAMYDE9R8o6+g9KOW4KfKlbodcmlSWcUEsphMllprpbym5SFGlkuJhG6s+MjbukUjH3QcjiibFnrmtX6XU1nHeWC3Sz2cqzMheeLeFZWUEB96dRwO/fkZb26uIlinuZpY1VVVHkJAC52gA9hubHpk+tOt9SvrR1e0vbiBlQxq0UrKQpO4qMHpnnHrS5GV7SOyR0csqT6taTxPNMsuj3RNxcHMsxEc6ln64OQQBlvlVeewz/DU/2ZdVl+1XFntsh++thmRf38Q4G5evTqODWZ/aV99v+3fbbj7X/wA/Hmt5nTH3s56cfSpf7b1X7V9q/tO8+0bPL877Q2/bnO3Oc4zzinyu1hc6vc0rPUJ1l1y8tNRvJZvsSbbqUlJj++hByQxxxx16flUd5qN1YiCaCXy7q/09kviVBaQO7feBHBZBGc8E53ZJbJz01bUo717xNQuluZF2vOJmDsOOC2ckcD8hVWSV5pXlmdpJHYs7scliepJ7mmo66kuemhPqOo3Wq38l7fy+bcS43vtC5wABwAB0Aq74XsrPUvE1np+ob/KvGNsrIMmOSRSkb4yMhXZWIzyAevSsmirjZGcryudNHo1ol9ZRzRwqlppqXeoSTSyCImQ7oidgZ9uJoEYIAc7sEffq7FpUei/F7SLKJdgW9sZCgDgIziN2UBwHCgsQA3zAAZ5zXKxalfQakdQgvbiO9LM5uUlYSFmzuO4HOTk5PfJqdNf1iLUpNQi1a+S9lXZJcrcuJHXjgtnJHyjj2HpWilHsZOMu/QfpVpBc6brUsybntbJZYTkjaxuIUz7/ACuw59a6ay8NWEfiXUIL+y2rp+iQ3b29wZlRZmig3mURq0m1WldiFxjGMquccs+v6xLqUeoS6tfPexLsjuWuXMiLzwGzkD5jx7n1qCHUr62vY7y3vbiK6jUIk6SsrooXYAGByAF+XHpxQpRXQbjJ9TpLjSfD2q67FFpt9DaQmyElwbdwYlnDbSqG6eE7SuGwWYgkgZAyM/UkPhm/kg0jUfPS7tDFNJiBsqxIZP3ckqj7o/iDew4Jy7/Ur7VZ1n1O9uLyVV2CS4laRguScZJPGSePeq1RKzZcbxR0Gi6k+p+ObG91gyXNxNdQgPGyx4YMoUkBSCAB0GM+tUbK3tbvUpJI4vKsoE82QXUxYKOFG5kTcQXZRhVzg9R94Z8crwypLC7RyIwZHU4KkdCD2NPt7me0uFntJpIJlztkicqwyMHBHtWfL2Nee+50CWCaZ8RdOtY12gXVq5XDAKW2MQA3zAAsQA3OMZ5rI0n7F9qb+0PLxsPl+dv8rdkff2fPjG7G3+LbnjNNTVtSjvXvE1C6W5kXa84mYOw44LZyRwPyFO/tvVftX2r+07z7Rs8vzvtDb9uc7c5zjPOKLMfNG/zNfT9Ltpta1E3lrbrFbWX2mOKN5vJIOza5xuk27X344PrtGcVr+/t9OumPh2aONbuy8i7WEO8eSSGVTKoYAhVPqCSAayo726ivTeRXMyXJYsZ1kIfJ6nd1ycn86Lu9ur+US31zNcyBdoeaQuQPTJ7cmlyu+oc6tZFl7i68Q64suoT7prh1Es2wAKoABYgYGAoyenAp8lyl/rcht7RXt5AI0iJ2lYlAAO4k7SFUEtnHBzkZFUIppId/lNtLqUJA5weoB7Z6cdiR0Jpqu6KwRmUONrAHG4ZBwfxAP4VpsZttu7HTpHHcSJDJ5sauQkm3bvGeDjtn0qOiigQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWlpNjFf5jktro/OA91G48u3U/xONp4HJPzDgdutZtXdPu7eykS4a3lkuYZBJEwmCoCMEbl2knkc4I/DrQBZ0vToJ7dZrqC6nWSUoPszqvlooBd2LAgAb0xkgdckVn3ds9neTW0pUvDI0bFehIODj8qt2WowRWf2S/t5bm3EwmWNJ/LG7GDng5yMehGOCMmqU88lzcSTztuklcu7Yxkk5J4oAjooooAlX/j0k/31/k1RVKv/HpJ/vr/ACaoqACiiigCSGGS4mWKFdzN74AHUkk8AAckngCleEG68m1ZrgkhVKoRvPsOvXp3PoOlJDNJbzLLC21l9sgjoQQeCCOCDwRVi3u4be/N3HE0ZjG+GMHIWTHByewPzAHPQA5yTQBan0hW1C5tbeaBFsIQbiaRmALBlVzyOcMxAAHIUYBPWSHQwn2tZp7Z1+xLcwXKyny8GVFLdjwN42kZyMAE4qvpE1tFBqX2wMyPahQiShGc+dGcAkH0z0PANNfVcxTwpDthe2FtCu7JjUSrJknHzEkHPTluMAAVtHkSuzF87dkCaNM9zcRGaCNbeFZ2ldyFMbFcMOM8h1OMZ7YzxST6V9muY4pLqBlnhEtvNG2Y5MnGCTgryGHI4I5wORbtdQtpzqEl5GwQ6fDCI0mCs5RoV4JU/wBzdjB4z9apSagjzowt1McEfl20TncE+YnLcfOcsx7DJ6bflpSUEtBxc29So6PFI0cisjqSrKwwQR1BFNpzu8sjSSMzuxLMzHJJPUk02sjUKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrNtp893GXg8pjnaEMyB2PoqE7m9sA56VWrW0ILFcJcyraiNJVJmknCyQgHJZE3Dce4yrAkYweRQBn29rPdtILeNpDHG0r4/hVRkk1DWpoau0048+KOLyZQyyzrGGZonVeGIzy2M9s9s1myIY5GRtpKkglWDD8COD9RQA2iiigBcnbjPB5xSujxtiRWUkBsMMcEZB/EEGpbKWKG7R7hN8YzkYDYOOGweGwcHB4OMHrVm3txJq5a8kW4hjPn3EgckSJ1PPXLZwM4O5gDg0AVLi3e2ZFkK7njWTaP4QwyM/UEHj19cgLBavPDcSIVAt4xI+e4LqvH4sP1rZ0y8vL+81m7SWNLqW23B3kVVQ+dF0ZzhcDoc5GBjnFTSau4+1SNdRtfx6csL3AKkySCdCCrfxMqYG7rlMgnAatowVrtmUpu9kc1RXT28skt9qUthNEJ20yBjK0iKPMJg3sWY4DbtxznO73qOa8+3NPbzXEUl6+nrbvMzqqyyLMr8yHAOEUDcTyV4JyCT2a7i9o+xzlWLC0+3Xsdt9ogtt+f3tw+xFwCeT26Y+tbcl6lpd6g9pdxM40y2jilQ/eYeQDtyM5GCegIxngjh1hcuPGNpc215HChS2e6lNwsYcbYzLuJI3EtkkcknNNU1zJN9QdR2bt0OeggkuZCkK7mCM5GQPlVSxP5AmmqjurFFZgg3MQM7RkDJ/EgfjWxpU11o2ptD9tWATwSLmC6UoXMbrHuZGIGGI5J468darbroau8t7fKZYxulnMqz7hgDA5IfIONucdjgA4zcUo36lqV5W6GdRUk7xyXEjwx+VGzkpHu3bBngZ749ajqCwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK6TwgyXF9FYXD6e0E1xGrWs9mrz3QYhTHFLsJQkDAJdACwORyQAc3RW94YXUby6+waTa6eXbdLPdXltHKsUQAyztIGVEXk5ABO7B3fKBlai9pLql3JpsTw2bTObeNzlkjLHaDyeQMdz9aAK1FFFAGrp2iC/8P6tqhuPLGm+T+72Z8zzHK9c8Yx6Gs3an/PT9K6bQP8Aknvi3/tz/wDRprlqAJ45TDHMkc2FmTZINv3l3BsfmoP4VHtT/np+lMooAnjlMMcyRzYWZNkg2/eXcGx+ag/hUe1P+en6UyigB+1P+en6UbU/56fpTKKAH7U/56fpRtT/AJ6fpTKKAH7U/wCen6UbU/56fpTKKAH7U/56fpRtT/np+lMooAftT/np+lG1P+en6UyigB+1P+en6UbU/wCen6UyigB+1P8Anp+lG1P+en6UyigB+1P+en6UbU/56fpTKKAH7U/56fpRtT/np+lMooAftT/np+lG1P8Anp+lMooAftT/AJ6fpRtT/np+lMooAftT/np+lG1P+en6UyigB+1P+en6UbU/56fpTKKAH7U/56fpRtT/AJ6fpTKKAH7U/wCen6UbU/56fpTKKAH7U/56fpRtT/np+lMooAftT/np+lG1P+en6UyigB+1P+en6UbU/wCen6UyigB+1P8Anp+lG1P+en6UyigB+1P+en6UbU/56fpTKKAH7U/56fpRtT/np+lMooAftT/np+lG1P8Anp+lMooAftT/AJ6fpRtT/np+lMooAftT/np+lG1P+en6UyigB+1P+en6UbU/56fpTKKAH7U/56fpRtT/AJ6fpTKKAH7U/wCen6UbU/56fpTKKAH7U/56fpRtT/np+lMooAftT/np+lG1P+en6UyigB+1P+en6UbU/wCen6UyigB+1P8Anp+lG1P+en6UyigB+1P+en6UbU/56fpTKKAH7U/56fpRtT/np+lMooAftT/np+lG1P8Anp+lMooAftT/AJ6fpRtT/np+lMooAftT/np+lG1P+en6UyigB+1P+en6UbU/56fpTKKAH7U/56fpRtT/AJ6fpTKKAH7U/wCen6UUyigAooooAKv2OtXmmwGOz+zoS28Sm1iaVGwOVkKl0IxkbSMHkYNUKKANXTPEmp6Rp9xY2T24trlg08ctpFKJCOmd6nIB5A6A5Pes2aVp55JXCBpGLEIgRQSc8KAAB7AYFMooAKKKKAOl0O5t4/A3ie3luIo5p/snlRu4DSbZSTtHU4HXFc75f+2v50yigB/l/wC2v50eX/tr+dMooAf5f+2v50eX/tr+dMooAf5f+2v50eX/ALa/nTKKAH+X/tr+dHl/7a/nTKKAH+X/ALa/nR5f+2v50yigB/l/7a/nR5f+2v50yigB/l/7a/nR5f8Atr+dMooAf5f+2v50eX/tr+dMooAf5f8Atr+dHl/7a/nTKKAH+X/tr+dHl/7a/nTKKAH+X/tr+dHl/wC2v50yigB/l/7a/nR5f+2v50yigB/l/wC2v50eX/tr+dMooAf5f+2v50eX/tr+dMooAf5f+2v50eX/ALa/nTKKAH+X/tr+dHl/7a/nTKKAH+X/ALa/nR5f+2v50yigB/l/7a/nR5f+2v50yigB/l/7a/nR5f8Atr+dMooAf5f+2v50eX/tr+dMooAf5f8Atr+dHl/7a/nTKKAH+X/tr+dHl/7a/nTKKAH+X/tr+dHl/wC2v50yigB/l/7a/nR5f+2v50yigB/l/wC2v50eX/tr+dMooAf5f+2v50eX/tr+dMooAf5f+2v50eX/ALa/nTKKAH+X/tr+dHl/7a/nTKKAH+X/ALa/nR5f+2v50yigB/l/7a/nR5f+2v50yigB/l/7a/nR5f8Atr+dMooAf5f+2v50eX/tr+dMooAf5f8Atr+dHl/7a/nTKKAH+X/tr+dHl/7a/nTKKAH+X/tr+dHl/wC2v50yigB/l/7a/nR5f+2v50yigB/l/wC2v50eX/tr+dMooAf5f+2v50eX/tr+dMooAf5f+2v50eX/ALa/nTKKAH+X/tr+dHl/7a/nTKKAH+X/ALa/nRTKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD/9k=)

*Izvor: izrada autora*

*Slika 26 Test repozitorij*

![Graphical user interface, application

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDmRXhpZgAATU0AKgAAAAgABAE7AAIAAAAJAAAISodpAAQAAAABAAAIVJydAAEAAAASAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGtvcmlzbmlrAAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMDMAAJKSAAIAAAADMDMAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjEgMTM6MjI6MzMAMjAyMTowNToyMSAxMzoyMjozMwAAAGsAbwByAGkAcwBuAGkAawAAAP/hCxtodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTIxVDEzOjIyOjMzLjAzNDwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5rb3Jpc25pazwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCACaAZgDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDxuf8A1zf57VHUk/8Arm/z2qOmBPZ/69v+uUn/AKA1QVPZ/wCvb/rlJ/6A1S2F/wDZPMhnj+0Wc+BPAW27sZwynna4ycNg4yQQVLKQCnW74c8Ow65Hdy3WpRadBa7N0kqggls4HJAHT1qpd3ttBavY6OZfIkwZ7iZAklxg5ClQSFQEA7QTkjcTwoS5pKPJ4R1uOJGd2ltgFUZJ5c/0rOo2o6O235iZduPBKNKBpWv6ZeLj5iZlQqc46AtWLquiz6SsDyT21xFPu2S20okUlcZGR3GR+ddX4M8OtLp889xKbaVpV2iQbchTnHPqevGeFweTWV4n09tL0PS7Vs4We5K5OTtJjIz74xWEKr9pyc1/+GFfU55rSZLGK8ZMQSyPEj5HLIFLDHXgOv5/Woa7PRdSZfDejRXuop/Zlrq7Nf2clyCGgLW7D9wTmRdwkOAp53H1q5rWozyeJLBybe8uFmuT9sl1y3mLqygDZIFQQBcF49wGGbIGRiuso4ZbSZ7GW8VMwRSJE75HDOGKjHXkI35fSoa7a51G9fRfEFrZ+IJZi1xbyyCfUlDSJ5EolQMWAmwdiErkPtUgYwKzfFtzJc/ZGnu8yfP/AKDHepcwWw+XBiKErGh5UR8lRGMkgigDm6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAbJ9w1DU0n3DUNIAooooAuT/AOub/Pao6kn/ANc3+e1R0wJ7P/Xt/wBcpP8A0BqhAyfwqaz/ANe3/XKT/wBAaok+8fof5UANqxaX93YMzWN1PbMwwxhkKEj3xTY7Saa1muIk3xwbfNIIyoY4BI64zgZ6AlQeWGSO0mltZrhE/cwbfMckAAscADPUnk4HOFY9ASBpPcC3/wAJFrX/AEGL/wD8Cn/xqrdX13fOrXt1NcsowDNIXI/Otrw1b6P9g1G+122luYrYxKqRsQcuWGeCPQd6feTeDriRWt7fVbQAYKxhGB9/mYmt44ZcindK/wB/Y53WSm4qL06nN0Vravp9jBY2V7pclw0FyZF23KqGBQj+7xj5qSLTLFfDq6leXtxHLNNNDBDFbK6s0aRt8zF12gmQDgHofpWc4ODszaElNXRlUVpXHh/U7TTIr+4ttkEsYmUGRd/lltokMedwQngMQASRzyM2dL8LXmo6hpsBkt0hv5o4vPS4ikEW7kbwG+VsAkI2GYqQBkVBRiUVpHQNRF1bQJHFK91cfZYDDcRyLJLhDtDKxX/lonOcc+xwJ4f1N7C3vFtsw3WPs/7xd053mPEaZ3OQwwQoJGQTgEEgGbRV/VdFv9Fn8rUYkRtzITHKkqh1OGQshIDDIyucjIyORVCgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAbJ9w1DU0n3DUNIAooooAuT/wCub/Pao6kn/wBc3+e1R0wJ7P8A17f9cpP/AEBqiT7x+h/lUtn/AK9v+uUn/oDVEn3j9D/KgCS0u5rG6S4tX2SJnBwCCCMEEHgggkEHIIJB4NTX+ovfeWiQxWttFnyraDdsQnG4/MSxJwMkknAA6KAKijJ/A/ypKAN3Q0jutF1SxN3bW0szwshuZRGpCls8n6ik/wCEXb/oMaP/AOBq1h0VuqkHFKUb28/mYunLmbjK1/I3tcSK10TSrFbq3uZoGmaQ28odRuKkcj6VDHr9zbeFo9Ksbq6t91xPJcrFIUSZHSJQpAPzfcfgjGD7mseioqT55Xt2/DQuEeSNv61Oq1TxLaX3h5Le2kltrg2UFrcQ/wBnwMJfK2AH7QMSAERo20g4IxnGMXI/FmkW32I20MqRw6ra3v2eOxhj8mKLfmPzVbdMfnADOATgk4JNcTRWZZ1Wka1omm3WnCZtQng0vUftsJWFEafcItwYbyE2mLIwW35xlOtUINdjtb3w5dRwvI2kKpkRiFEjLcyS4B54w4Gcdc8ViUUAb3iXVrTUfJi024le1ikkdIZNOgtfL3bR/wAsThyQoBJA+6MdeMGiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAbJ9w1DU0n3DUNIAooooAuT/65v8APao6kn/1zf57VHTAns/9e3/XKT/0BqiT7x+h/lUtn/r2/wCuUn/oDVEn3j9D/KgAT7x+h/lTacn3j9D/ACptABW74WFv9slacKXVRsBGcDkk+3QfnWFUlvO9tOssRw69DVRdncadmegrbxTTPM8MbK6qFJAbIGef1rkfEcVnDqZSzXYwH7xAMKD2xVNtSnf7Lnbm1ACHHXByM/lUV3dPe3clxKFDyHJCjitZ1FJWKlJNHSaRp0L+FobxdM0q7nkvZ4nfUb82+FVISoUedGDy7Z69unFU/wDhG0fw9/bkN5nT0j2SvIio4uv+eCruy/BVtw42bjjK7arWetpb6WlhdaVZX8UczzRm4aZWVnVFb/VyLxiNetP/AOEjl/sz+zvsVr9j+z+V5P7zb5u7P2jG/wD13bd02/LjbxWBBft/BslzBpMyte28V/dW9q0l3ZGJd0wJDRHcfNUBWyfl6r68MtvDFlefY/s2sb/ttwbG3/0VhvuBsyeTxD+8T5zh+f8AV8Gmf8JjdCeO4Swskuft8WoTTgSbriaMsQWBfaAS7EhQvXjFULHXLnT/AOzfJSJv7OvTexbwTuc+Xw3PT90vTB5PPoAaWneGLK9XSop9Y+z3erxsbaL7KzKr+Y8arIwPyhmQAEBiMnIAALWbLw0uuQ6UkO+ER6RLdTm2tTNNKRdSoAqLjcxJQckAAZJwKhi8Urptjov2G1sri7sbVwk08BL2spmmbK8gMQrIw3Bgp5AB3ZoWfiS5s1hjNta3EEdk9k8E8ZZZYmkaX5sEEEO2QVII2r75ANWz0220rXrrR9U0m3vGjtZrtZLnzopVAtTMiMqyAKeBuHJBLDceDR/wiT6loI1u2ie2E8M1wkFtayvbQxwg7t8zsdrMY3wvzc7clQwxgx6qbfUpbuztLe2EkMkPkIXZFWSIxtjcxbOGJ5J59uKm/t0vosOnXenWV0LdXS3uJFdZYVc7sAoyhgGJYbg2Cx7HFAGrpPhyw/tfw/Hqct1LHqVxEG8u1/cSK2MosvmAsQWVHwBtJbqVGcqw0q01PXGs7S/eO2EMsoubmDaQI4mkO5FZsDKkcEnHOD0p9r4jlsPsX2Cytbf7LcQ3T7fMb7RLFnYz7nOPvNwm0fMfQYs6Tr1vbaoJvsVlYxxw3ZQRxNIC8lsY1Rt5csu4DhsgF2zweAC5pmg6cbq1uba/S6sby1v0LXdqY2t5YrdmyygvkANG4Kkn2yKpp4btH8y5OpvHYCw+3JLJbfvGQXAgKlAxAbdux8xB+XJXJKwy+J5yLeO1sbKzt7eG4iSCBG25nQpI5ZmLM20gAliBtXjHWbSvEK2+n3UV3Hbv5emfY7eKSMsswN2szK3ocGT5gVIwMENg0AUNZ0uHTZLR7O8+2Wt5bi4hkMRjYDcyMrLk4IZGHBIOAQeazav6tq0mrzws8FvbRW8KwQQWyFUjQEnAySSSzMxJJJLHmqFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADZPuGoamk+4ahpAFFFFAFyf/AFzf57VHUk/+ub/Pao6YE9n/AK9v+uUn/oDVEn3j9D/KpbP/AF7f9cpP/QGqJPvH6H+VADelFXLD7FJ5lvffufNx5d0Nx8lhn7yjqhzzgbhgEZwVaa7tbbTbV4Jmiur+TGTDMHjt1znhkO13PsSqg92PyADNL0TUdaaRdMtjOYgC/wAyqFz05JHoalvPDWs2MipcadPlhkeWvmD81yKt6NdT2fhfWpbWaSCTzLcB43KsOX7iqH9v6x/0Fr7/AMCX/wAa6uWjGnFyvd+lt2v0ObmrObUbWXr2TKk9rcWrBbmCSFiMgSIVJH41FW9rM8914Y0ae7mknlaS4BeVyzEApgZNMuIZG8BafMsbmJNTukaQKdqsYrcgE+pCtj6H0rGpFQlZeX4q5rTk5Ru/P8HYxKeYZFgWZo3ETsUWQqdrMACQD6gMufqPWuz1i2tbGK8utU0v7Rd2selW6Qzu8YQtZHeHVSGP+rHGQQQOcZU2bPTbDQtUuxFaJdGKbWrTdcO+WjhtlK52MvOC4JHZz0IUjM0OAop8zrLPI6RJCrMSI0JKoCegyScD3JPvTKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAbJ9w1DU0n3DUNIAooooAuT/wCub/Pao6kn/wBc3+e1R0wJ7P8A17f9cpP/AEBqiT7x+h/lUtn/AK9v+uUn/oDVEn3j9D/KgBvWinJ94/Q/yptAGhpmsSaZHPGLa2uop9peO5QsuVzg4BHqauf8JKv/AEAdH/8AAZv/AIqsOr2laXJqtw0cbiNVGWYjOK2hVqJKMWZujCTu1qO1TWJdUjgia3t7aK33eXFboVUFsZOCT6Co7DV9S0rzP7L1C6svNx5n2edo9+M4ztIzjJ/OtVvCU3nvGl1GQqhgSpGc5/wrIv8AT59NuPJuQM4yrLyGHtSqKbfNItQ5FZIjlvLmbzvOuJZPPk82Xe5PmPz8zep+ZuTz8x9amj1fUorpbmLULpJ1keUSrOwYO4w7ZznLAAE9TjmprLQb6/sReQm1jgMjRK9xewwbmUKSAHcE4DL09azayGPmmkuJ5JriR5ZZGLvI7FmZickknqSaZRRQAUUVZurGS0t7OaRkK3kJmjCk5CiR4+ffMZ/DFAFaitLTNBvtXjZ7E2p27srLewxNhV3MdruDgDJzjHB9DVO7tZLK6eCZomdMZMMySryM8MhKnr2NAENFTWdpNf30FnaJ5k9xIsUSZA3MxwBk8Dk96hoAKKs2FjJqFw0MLIrLDLMS5IG2ONpG/HCnHvVagAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAbJ9w1DU0n3DUNIAooooAuT/65v89qjqSf/XN/ntUdMCez/wBe3/XKT/0BqiT7x+h/lUtn/r2/65Sf+gNUSfeP0P8AKgAT7x+h/lTaVTg/gf5UlABWnoeo/YLshm2xyfePoQDj8OelZlFNNp3Q1odgviO3iFqRGjNcAecwk/1ZyBz345rC8QXhu9Vk2yiSGPiPacgcDOKzKKuVRyVmNybR1ukiO48H20K2mj3ssd/cO0eoagLdo1aOAAqPOjyCVb1+7272ftaN4L8ia5tZtcWyzFcyXakw2G7H2dTuwJsljsIJ8tmXP8A4misyT0i3nsbX+xhLqf2mO01my+z3F1qkU2Ldd+51iHzW6cRkqx4+UHlazdI8QyS/2F9vvoh52qtDe7yi4s/3GIm/uwfNL+74TrxxxxNFAHouhXdxa2vhhzq1lZ6YlrI2owTyKvnQ/aJ9yshGZgy7lVRu2sScLuya3hzULOE2A+2RQ3S6FNDC/wBpSBo5TdyMVErKwicxlsEgfeAyNwNcTPdzXENvFM+5LaMxRDAG1S7Pj3+Z2PPrUNAHVPeRHxpezzCK2DadcRk/bI7je5snXcZUwru7ckjksx71pWmo26/D21gt2imC290l1aHUobceaxbbI8LpumIUxlCGOCgAAI54OigDvNK1SS2uvDE0+qfYUhvbYfZYdQR4DFja8pRT+4O374c5cyueMMKp6JFer4q+2apqlrcXT296kkstwt3t22bEO+3eGTDAfxZ2MMcYrj6mtbuaymaW2fY7RvETgH5XQow59VYj8aAO5/tSa3/sp9Z1WyvtTgtdSJkaaO5KxtbsIY5JOVcl/MwhLcOB3xTNOvpry1mu4tRiGpvoX767uJAWEv8AaACb3Odr7fLCs2NvyHKgAjg6mgu5reG4ihfalzGIpRgHcodXx7fMinj0oA2/GFw1xd6d9pvbe+v47BEvbiBxIGk3OVDSDh2EZjUsCeVxk4rnqKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAGyfcNQ1NJ9w1DSAKKKKALk/+ub/Pao6kn/1zf57VHTAns/8AXt/1yk/9Aaok+8fof5VLZ/69v+uUn/oDVEn3j9D/ACoAbRRRQBr+HtLh1G5kNzkxxgfKDjJOf8DW2PDemy3EmxJFQKoG1zjPOeT+Fcvp961jdCUcrghl9eMfh9a1D4nnC2gR3HlgCfKqd+COh+lbwlBLVFxcbalPW9LXS7sJFJvjcZUEjcv1ostOtmsRfardS2tq8jQxGCATPI6hS3yllAADLkk5ywwD8xWDVLtb7UpriMMEcjaG6jjFWrO8sZ9LTTdVkuLeKCZ54ZraFZW3OqKysrMvGI1IIPGDwdwK5StfQl76BLoFw0F1e2DJcaZDNLFHeyMsKy7ADwrkHcVYEJ9484B2nDNT8P6no8avqVt5Odu5fMVmiLLuUSKCTGSMkBgCcH0NF5f20uiW9jbRyx+Te3E4EjBsJIsQUbhjJHlnJwB0+g3vEHirTtWuhOiSvbz3sd3daa1lBAGIDbh9ojw78u4BZQcNk8jmRGbY+Er66v8A7NJLaxqbeeZJlu4XjYxoWKbw+3P3cjOVDbiMc1Wbw1qq6e18bdDbhpFVlnjJl8v77RgNmRV6llBUAE5wDW8/ibSW+wwtLcPFEt8sssWlwWxUT26xLiON9rEEEkkg4wO1QjxJYR+G4rC2nuILi1huLVJTptvKbiJ2cjLsd8JIkZWClgByOc5AOeuNKurSxiurgRIkuNsZnTzcEZBMed4BHIJABBB7jOrq3hG40+70y2tJ0vZr5vs7IpVTDdqwWSA/MeVLL8xwCGBHHNPh1nSkj0s3qS6lJaSRyv51pGnyop/cFgxMqMdi7n+4qfKpBK1paB4hg1TX9LtZ9Oitp21m2ukmheWQs5kAcMZZGI3AglhyTGoIPBUAwZPCmtR/ZN1nn7XcC0j2yo22Y4/dPg/u35Hyvg9fQ1ZsfCN//amlJqlu8VnfX8dnJJFIjNE5ZdyNgny5AG+64B4PHBrS8OX2kRapo1hpS3rS3Wt2lxMbkIFhVGKrGu3O85lbLnbnA+UZNVtO1zRNH+w/YU1CTGq29/c+cEHlJDuxGmD85/ePlzsBwvyjJoAxBpdxMbCO3tnD3cLSqWlUq6h3Uv22KAhzuPG0sSAeHx6DfTXU1vAbWWaHblI72FjIWGQI8P8AvD2wm45468VpWeuaabKGx1BLoQNpT2M0sAUtG/2pp0dVJwwzsBBKnlsHgZs+HNb0PQdQikBuHWC6Sfz30yGWSdBtOzDufJKkNhkYk78nG0UAUH8MTw2Nhd5iulvLKW58qK7iV49olOcbiSAItx4HOU4aof8AhFNa/sz7f9j/AHP2f7Xt81PN8ndt83ys79mf4tuMc9OauW+tabFY6czNdG6tdOurF4hCuw+aLja4ffnrMoI29ATk8Azf25om3+0Nmof2n/ZX2D7PhPJ3+T9n8zzM7seX82zbnd/FigDHuvD+p2Vit3c22yJo0mH7xS3luAVk2g7th3AbsY3HbndxT9M8Narq8Ec1jbo0Usxt45JJ441aUBT5YLsPmIcYHU84zg4s3GuW0v8AaO1JR9q0q1skyBw8X2fcTz0/ctjvyOBzi/jw+3h20F4+pR2A1e7aBokjeUxBLf5WBIAYrj5gSAQflbPABQj8LXs+iR3MFtL9qF7PazRSsqbWRYisYDYJkJdxsGWO3gcGobPwprWoWsM9pZ+YlxG8kA81A04QsGEak7nI2HKqCRxxyM6X/CV20ut2GoTW8sfk67NqksaYbCSNC21Txkjy264HT8LNrfaRpkPhbUdRW9a4srVp4ooAhSdlupyisx5QBhyQHyDwFIyQDjKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBsn3DUNTSfcNQ0gCiiigC5P/AK5v89qjqSf/AFzf57VHTAns/wDXt/1yk/8AQGqJPvH6H+VS2f8Ar2/65Sf+gNUSfeP0P8qAG0UUUAFFbvhYW/2yVpwpdVGwEZwOST7dB+ddQtvFNM8zwxsrqoUkBsgZ5/Wto0uZXuWo3R51RWv4jis4dTKWa7GA/eIBhQe2KtaJNp76PqRutEsrmWxtRMkskk4Z2M8afMFkAwFkPQDoPfOUlZ2JejOeorqtV8HS22hHV0EqBreO9dFtJFto0lZQsaTMSXcCRCRjGN3zEry+28N6Xa659i1O4vXH2C6nLrZgRuUidlkibzR5keVZlbChtqjGGO1COSoroQNK0SOwln01NYivlacm5eSFliWZ4wqiN/lYiMkklh8wAHyktDpXhyTVtHu7yFb0NbrI5cWZa2CxpvYNNu+VsA4G08leRnIAMSit7/hGt/8AZEEM8rXWqSRpE7W+LU78fdm3EsVLKrAJ8p3DnHJ4l8Mv4f8AJkVrpoJ5JIo2vLNrV3KbcsEYk7CHXBODncCBjkAwaK6RvDFlteBdYzqA05dQSA2rBGXyVmaMvnhwu4j5SpAHzAkgP1zRrRonuLO4RZ7fTLK5mtkg2oqNFChO7vIXkDEAYw2d27K0AcxRXSap4YsrFdYitNY+1XekSYnia1aNXTzBGWRsnJDMgIIA5OCwGTzdABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUANk+4ahqaT7hqGkAUUUUAXJ/9c3+e1R1JP/rm/wA9qjpgT2f+vb/rlJ/6A1RJ94/Q/wAqls/9e3/XKT/0Bqg6UAFFFFAElvO9tOssRw69DU7alO/2XO3NqAEOOuDkZ/KqlFO7QE13dPe3clxKFDyHJCjin2t9JaW95DGqFbyEQyFgchRIknHvmMfhmq1FLcDVvddOoafDBd6dZPcQwpAl6qus2xOFBAYIxCgLkqTgDnIzU0fiZ4LiBrbTbKG2hWcfY180xuZo/LkJJcvkqAOGAG0YHXOJRQBqxa6Y0KSadZTrGzNaiZXcWmSW2plvmXJztk3rnPHzNufaeI5bSxWA2VrPJHby2sNxL5m+GKQOGUBXCn/WOcspOW9AAMeigDVi1+e1gtU023t7FreaK4MkQZmlljB2O29mGRubhQAdxyDgYLvWobm8NzFoum2rMsodIUkKMZFK52s5Clc5XbgA444FZVFAHT6h4pVMpp9rZO76ZBZG9aA+ci/Z0SVBk7c5DrvKlsEgNjGMqXXLmX7VuSIfarKGyfAPCReVtI56/uVz25PA4xm0UAdP4j8Ure3+txada2Sw6hdMXvI4Css8QkLIDk4UcIThVLFQWJOc8xRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFADZPuGoamk+4ahpAFFFFAH//Z)

*Izvor: izrada autora*

1. Mi ćemo koristiti feature testing koje testira opcije za pregled ruta i dohvaćanja određenih stranica, tako da ćemo kreirati novi test komandom:

*Slika 27 Komanda za izradu Feature Testa*



*Izvor: izrada autora*

Ova komanda stvorit će datoteku unutar Test repozitorija u feature mapi.

1. U novom file-u dodamo rutu ili rute koje želimo testirati, za nas slučaj to će biti pregled događaja.

*Slika 28 Testiranje rute - pregled događaja*

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDmRXhpZgAATU0AKgAAAAgABAE7AAIAAAAJAAAISodpAAQAAAABAAAIVJydAAEAAAASAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGtvcmlzbmlrAAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADNDMAAJKSAAIAAAADNDMAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjEgMTM6MzI6NTUAMjAyMTowNToyMSAxMzozMjo1NQAAAGsAbwByAGkAcwBuAGkAawAAAP/hCxtodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTIxVDEzOjMyOjU1LjQzMTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5rb3Jpc25pazwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAIGAjADASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDyCiir0Wj3sv2TbCR9sk8uHJ+8c4/LnrQJtLco0VcvdKutPRHuI/3chIV1OQSDg81ToBNPYKKsWVlJf3DQwlVZYZZiWPGI0Zz+OFOPeq9AwooooAKKsW9lJdAC2KyS7ZHaIHDKiJvLEnjGA3Q5+U8dM16ACiirFlZSX9w0MJVWWGWYljxiNGc/jhTj3o2Ar0Vc0nTJtY1SKxtmjSWXO0yEhRhSecA+lSWWiXl99u2J5X2CFpZ/NBG3b1Xpw3B4OOh9KTkluOzZn0UUUxBUF191frU9QXX3V+tAFWinIjSSKiDLMQAPU10T+Dpkt1f7XGXLKCuw4GSB1/H0qoxlLYaTZzdFbOp+GrvTbczlkmiX7xTOV9yPSs6ysp9QultrVVaRlZvnkVAAqlmJZiAAACeT2pSTjuJ6bleirV7p1zYbDcCNkkztkhmSVCR1G5CRkZGRnIyPUVVpCTT1QUUUUDCirD2ciabDekr5c0skSgHkFAhOfb94P1qJEDLIWkVCq5AYHLnIGBgdec84GAe+AQVxlFakHh68u4pJrSWylhjyTIb2KP5Q23cVdlZQSRjcB1HrWdLG0MzxuVLIxUlGDAkehHBHuOKV0CknsMoqW3tpbuUx26b3WN5CMgfKilmPPoFJqKmMKKsW9nJcwXcsZULaxCVwx5ILqnHvlx+Gar0BcKKKt/2bN9r+z7k3/Z/tGcnG3yvNx067ePr+dArpFSiiuk8MfD7xT4ytp7jw3pMl5BbuI5JTKkahiM7QXYAnGCQM4yM9RQM5upIu9FxbzWlzLb3UUkE8LmOSKRSrIwOCpB5BB4xRF3oAkooopgFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBaU7WBxnBzg12MetafcXlvqrzeVNb2rqLXB2rIF+Xb7EnP51xtFCdiJQUtzel1WCLwv9hRjcT3Uhlk3jiHnovuaZ4RO3xBu3xR4tLs75k3ov+jycsuDkeowc+hrEqa2uprSUyW77HaN4ycA/K6lGHPqrEVMlzRaKglF3Oy/tKWD+zG1fU7O81KG21AmQypcFUaAiKN35VyX34UluHA74pun3s13ay3MV/ENRfRf3t1PICwl+3ALuc52vt2BWONvyHKgAjiamhupreKeOJ9qXEYjlGAdyhlfHt8yqePSsvZKxrznW39wLt5bS51CzudTn0eOCacToEkmFwsgVpjhWYRKoLEnJXGSaZqGrf2fZX39lalEZv+JYiT274YhLR1coSAy4OASMEZ2nGSK4+imqaFzs76HUIbXVZ4tIv4LRWvdXWIw3KxIFaBPJ5yAFLKu09MqMdKzNFZbG7u5/EN9FeabcRl9RtYrxXluG81lUDDDc4dRJuB+5zn5sHlKKPZ6WDnO7TVXttR0+1ur+xEcutSC8FrMrQm2ItwEDZ4hKgjaTjCAEZXjPs9UW6srae/uojciPUossyqUjNooiQD+FNzOFUYGSQBXKUUKkg52XNLnjtrx3mbaptp0BwT8zROoH5kCtqbW7KRhKkjCW7gle9/chQZvs7RqOPVi7ZAA/eDPTjmaKpxTdxKTQUUUVZIVBdfdX61PUF191frQBBDK0FxHNHjfGwZcjuDmuwh8R2zQM0ux2hgWREd8EvyCPTPQ9O9cZRVxm47DTaOp1nXxe6DGbd1iklkKyRB8sF56+x4rK8Olf7WZXkjj8y0uY1aWRUXc0EiqCzEAZJA5PesuilOTnuKXvKx1NklhotvY2+qXdtcPcalb3NxDCVnjhgjLqd7KSCW3n5Rngc9cVfuL51+zf8JVq1lqeNZjlXZKtztgGfOPyg7Y2zHhOM7T8oxXD0+KRoZkkQKWRgwDoGBI9QeCPY8VnymLpXd2zsNSN3daRcpr+tW1zv1W3DXMDi48uMrPlgV/h6lY8gjB+Vd3No3kC6lo81xexpeCS6Vbi91CK+MTGJRAzOi4VRISQCODuNcffatdahDFFceQscLMyJBbRwgFsAnCKMk7V6+lUqXKSqOmv9dDrriZ5oNHi1XWI5LyK7uJHlhulaRTsiMYaYZGWKgCQlgoxk/IVEurPHJbXzrJ5kx0ZfPZrxLpy/wBuTG+VOGO3b9BtHauMqwl7PHYyWkbKsUjbn2xqGbpwWxuK5AO3OMgHGeafKV7La39am5f3Vu+seLXSeNkuPM8lg4Ikzdxt8vrwCeOwzV/WL+CTwnBFatHPb/YYEVBfxKtvKGXewttofzCwfL5OVcnODgcZRRyj9ktPI7hNSuU1qBxqv2WaS0u4xbpqSPBbkwnZ5bq2yNS+AqE5Xy1JJyKoaNHdwSavL/aNt9smsS/ntOH2Sfa41+Z+QGJXIfOBuVtw6jlqlhuZYIp44n2pcRiOUYB3KGVse3KqePSjlF7LTQ6681V7b7RK+o20+qLo0cctxE6uWl+0oRh+jyLHt+YZIKZByuactxPJY6jNpV/Bb3MjacxnMyxlpDbSGTEp4Vy24sSQT8wJJODxVSrcypZyWqviGSRZHXA5ZQwU568B2/Olyi9iraf1saXimaO48R3Ekc8FwxWMSzW64jllEaiRlwBkFwxzjnOe9WPtGn7vt/2795/Z/kfZfJbf5nk+T1+7t/iznPbGawKKq2hpyKyQV9C/B74w+FtA8BQaD4kuZNNn093EchieVbhXdnyNikqQWIIPsQTkgfPVFMs6T4g+J4fGXj3U9etbeS2gunQRxyMCwVEVATjgEhc45xnGTjNc/F3qOpIu9AElFFFMAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAG/an9F/Kj7U/ov5VDVrTLL+0NUt7QyeUssgDy7ciJP4nPsoyT04BpAR/an9F/Kj7U/ov5Vu3Wlafqeq20ukn+z7G7tZJtsm6RbZ4kYvGWyS33A2euJFO3oDFH4etLprSSy1TNrcR3BaSe3KNC8Me9gyqWyCCpypPU8ZGCAY/2p/Rfyo+1P6L+Vb+naHZy3lnNZs2q29xFdBbeSFon86KIuEKoxyDmMja3OccUaho8FtFdtPZraXS6Yly9qsjEW0jXCIBgsWBMZBKsSQX7cAAGB9qf0X8qPtT+i/lS2dxHbzHz4FnhddkiHg49VbB2sMZB/AggkGW9sY7DVmtZpmMasu91j+dAQCQUzw65wVzwwIz3oAh+1P6L+VH2p/Rfyrp5/Clpda1rK6bJem1sJ/KMMFkZpd5dgFVQ/KgIfnZh24yay5dA+yW+oPeTSM1lO9uwtYfNVXU4BkJK7FYnCnBzhuOOQDM+1P6L+VH2p/RfyrfutB06fV47bTJ7sj7HDO8S2oaVy0UZ/dr5h3sd5YjICgNjIFc5KIxM4hZnjDHYzrtJHYkZOD7ZP1oAk+1P6L+VH2p/Rfyq3eRR3WnDU0RbdzL5MsQG1JGxkvGOw6blHCllxwwVbtrZRHwj9rWzsppmnnR5bm6MboqxxlfLXzFDHLMcYbtx2IBj/an9F/Kj7U/ov5VtXnhSa00FdQ3zMRbR3MhNqywhZCoVVlP3n+dSQBj73ORirGl+GIpLjSLm9W9WzurqCGVZ7QxCQyAkCNt/zqdpBbggEEA5xQBzv2p/RfypskzSABgOPStWDRILy404Wd5IYb++NorywBWTAiyxUMR1l6Z/h688EOhRTw6Yq33+maptEEPknahMzR/O+eB8uRgMeoIHBIBjUVs6/wCH20XynDXLQzSSRobq1a3dim3LBCSdpDjBOD1BAxzX0qKPUGGmyoqtIxaK5AwYTjkue8eBls/dA3D+IMAZ1Fa/hpIG1pPtADYX5FIzlsgdPoSfwrtRDFc3CTeVE8aoyqxAOckdPyraFPmV7lqN0eZ0V0fi23sbe4iFsgjuCMuqLhSvr9apacLWDQ729uLCG8kjuYIkEzyAKGWUn7jLz8i9azlHldiWrOxk0VvDRrS6ZLxp/sFm9i17IqoZTHiUxbEGfmy4GNxGA3JOMk/4R608/wA3+1P+Jd9h+2+f9nPmbd/l7PLzjd5ny/exjnNSIwaK2W0OL7fp8VtcXN5FfQNOptrQvKAGddvllhkjZzzgc4JAyZZfDkVlLfHVbyS2htPJAAti0ztKu9FKFgFIUMWy3BGBmgDBoro7rRorrxEbS3S5ljSxt5AdNszMXJhjy2wlCASScnnJ5HNMGhT2+6CWeEPDLqETYgVxmGEM3zHkg9Bn7p+YcmgDn6K6WKO01HTtPS10awhutQvJLNXMtxiM4i2sMyHnMh6gjgcerb3wm1rqFrCJrlYbiSVEa5s2hkcxgE7IyctuDAICQWY4IHWgDnKK3m0zS4tF1OSSW9W4trqKGPzLQIwJSQlWXzPlyykE8kbR1yQK9jpVjJp1ve6lqTWkc1y9uAlsZSu0Id55Hy/Pz36YBycAGTRXUDw9EbS3064uI4b7+1biyRo4i/muBCq5bjEYJPPJG7hTk4q2Ph60u102ObVPIutTjJt4/s5ZVfzHRQ7Z4DFQAQG6nIAAJAMGinRSNDMkiBSyMGAdQwJHqDwR7HiruoW0S29te26eRHdbsW7EkoVIBK55MZJIBPOVZTnbuIBSjikmYrEjOwUsQoyQAMk/QAEn2FCsV6V0Xho2coWIXLWc6LJPKcN++MaGRMuvzLGCmWC/NkKRnjy32uiaRLaXuo6rrMckfzBBp0JG2QgkbldUABPAVRzzggIxHLLEqEmpJ6eT/r+vu3VFySaZzfmn2o80+1aOjJb+TqVxdWkd39mtRJHHKzhdxmjTJ2Mp6Oe9WodKt9XayuIjHpsVxJOk4G+RIlhjWRnUEljlW+6SeR1AOF6jAxPNPtR5p9q24vD1pdS2MlnqmbO587zZZ7co8Hkrvkyilt3yEEYPOccVXm0i28mwnsrua6ivLl4Ai2uJUK+X/BuILHzOAGx05ySAAZnmn2o80+1bsvhgW144vrmaztUszeM09qVnC+Z5YXys8MXxj5sYIJI6UXWl201xottZmadJ7N3L2lpvlkPnTdY8jLAAA8kDbwSAMgGF5p9qPNPtXRQeHZ7fUhaNMsbf2hZRDzrRWYecrMpZW6ED7ycgngk4BqC1uLAeHZ7qTRLKSa3nggDNJON4ZJCWIEgGcxjpgcnj0AMTzT7Ueafaui1bwbNpbRq9wyj7THayz3Vu0EIdwTlHP30Xa2WwOxAINNh0fS4W1WK+k1GJrW1SQedYiOSNjKgJ2ebzwwxk8hiewyAc/wCafajzT7U62n+zXCy+VHMBkGOVcqwIwQe/Q9RgjqCCAan1KzjtJojCWEdxEJkjkP7yIHOFb34yDxuUq2BnAAII/NmlSOJDJI7BVRQSWJ6ADuaJPNhleOVDHIjFWRgQVI6gjsa6KKXT4fDllafaJNMurqGSWS7RNyzAvInlyEfOF/drwuRySV4zUl8lpFo2paXPLJqF/p6I32l12rb7ZI4zFGT8zL87jnC8Ahec1t7PS9y+XQ5fzT7Ueafar1hp1tcadc3t7eNbRW8scZVIfMdy4c/KMgZGzuQMZ5yADdm8PWlo17Jdap/ottJAI5Ibcs06TRs6EKSMHABIJHfkkANiQYnmn2o80+1bt54UmtNBXUN8zEW0dzITassIWQqFVZT95/nUkAY+9zkYpt94etLRdSjh1Tz7rTIwbiP7OVVn8xEYI2eQpYgkhegwCCSADE80+1Hmn2rr5vB7apq+qSWnmRr/AGrLaW8VtaM6IQ3WQjAjjG5Rnk9cDiqWgaNYnUNCkv71fNvrlXS1NuXRoxLsw7dixVwAAw4GSAcgA53zT7UeafapLGzk1DUbayhKrJcSrEhc4ALEAZ9ua3o9GsbrTpbfSL1buSbU7a1jmmtzEV3CYZ/i+RvlPXPy8qMDIBzvmn2o80+1bZ8PWl35X9iap9r33yWTefbmHDPnY45bKna3oRjpzVe+0qxj064vdN1JruOG5S3Ie2MRbcHO8cn5fk479cgYGQDM80+1Hmn2roJPCbR3tmks1zZ29x5xeS/s2hkjWJA7t5YLbhtPGDyQRx1qK5sLJtI0oWMklwLi+mjLrbYnxthAUpnBIJJADEHd1BJAAMTzT7Ueafatu88Py6cl3uaRF+wrcql1ahJSpnWPBUk7DnJyCcrj+8QK97oUlrocOphbtY3ZEb7Ta+UGLqWBjbcd6/KeeOq8c8AGZ5p9qPNPtTKKACrWn6hcaZcNcWbeXP5bIkoJDR7hglcHrgkZ7ZyMHBFWigDoNO8T3bXCnVrtroQxXJhkuszFGeBk24OQVZtmQQRx2BbJZeIgLyDdb2llbWttdCKKKEupkkiYZbeWLEnYvzEjAHQZrn6KANaTxDMRClvZ2lrBBFPGkMKNjMyFHclmLFsEDk4G0cVQt7yS2guoowpW6iETlhyAHV+PfKD8M0gtZzZm78tvs6yCIydtxBOPfgfy9RUNAE9neSWMxmgCibbiOQjmI/3l9G9D2zkYIBEFFFAG3L4mee5vZJtLsHjvmElxAyybWkDFhIDv3K3zMPlYDBIxVOHVBbJcfZrK2ilm3qswMhaJHXayKCxGNpIyQTz1zgilHG8sqxxIzu5CqqjJYnoAKmtbNrzesUkfnDHlwnO6U+i8Yz7EgngDJ4ppN7CbSLkmsxzywyXWlWUzRQLASzTDzAqqqsdsg5ATHGBycjpihdXMt5dzXVy++aaRpJGwBuYnJOBx1NRVM1q6WMV0SuyWR41HfKhSf/Qx+tFhi3l5JeTB3CoiLsiiQYSJeyqPTknnJJJJJJJI95I+nQ2RC+XDLJKpA5JcIDn2/dj9agopAaN3rBvrGKG5sbRp4okhW7VXWXav3QcMFJC4XJUnAHpmrX/CUXAmSdLO0S4+2R3sswEmZ5U3EFgXwAS7EhQvXjFYlFAGzaeJJLG4jltdPslEE4nt42V3WB8KGK7mJO4Iud2cYyu081SGq3KSafJEVjk05QIHVckESNICc5BO5j7YAqnRQBc1G/i1CbzI9OtLJizMwtQ4DE+zMQAOwXA5+lRJeSR2L2sQVFlbMrqPmkAwQpP90EZwOpwTnC4gooAdHI0UqSJwyMGH1FWp9TuLm0FvLtKrI0gYDBy3X8Oap0U7sC1qGoTalcCa4CBggT5BgYFS2GqCztJ7WWytryGaRJCs5kG1kDAEFGU9HaqFFDberA2W8T3suqTXdzFbTxzQG2a0eP8AcrDwVjVQQVCkAjBBBGc9cz2euvc6iTN/Zdnaiz+yC2mhkMBjznb8gZ927592c5Gc9q5+ikB0Gpa3FHeRRWkdpdWsVmLWREjdIpV8wy4A+VwFYgZzubZkk7iKgPiSR5bnztPspbe5jhRrZ1fYnlKFQq27eCFBGd3O45rGooA1pPEM1xPM95Z2lzHMsIeBkaNN0SbEYBGUg7SeAdvzHjgYtX2uny0ljkhmuriW8uJxGjhI/tMaoU+bB3DDeo+7yea5+igC5BqtzbQ2aW5VGs7lrmFwuSHOzrnggeWvb1qW51W3ub5bk6NYRAMzPDEZVSQn1HmcAdguB+HFZ1FAGo+uyTQXkM9pbSx3PlbQ28eR5aMkezDD7qtj5t2cDOauL4ggj06EnT7C4k/tCe6a1khby4twi27cEfL8rjbkjAGQcCufooA1F8QXou7a6k8uSa3vnvwzLjfKxQnIGBjMY4GOp/C5H4iFhZ6T9kt7Se5tLZwss0JLW8hllORyAxAZGG4MAemDmufooAdE4jmR3jWVVYEo5OGHocEHB9iDT7m5lu7hp7h90jYycAAADAAA4AAAAA4AAAqKigC1p182nXguEijm+R42jl3bWV0KMDtIPRj0NbVj4qg03TrpdP0m0tbu4UxM6q0iPGRggiRm4HXA4Y7c8KVfm6KxqUKdX40aQqSh8Jc07UTp5uAbaG6juIvKkjm3gEb1fqrKc5Qd6ut4nvf7Qs7iOK2jhsozFBZiPMCoww6lSSTvBO4k5OevTGNRWxmb1rr8jahYCGPTtOt7TzNsbQu8Lbxh/M++7blwvfAxjHWpdR1mG1Swg037FKsHnO4to5FixKoRojvw7ZVclic/PgEbRXOUUAbI8SSJOhj0+yW3W1a0a0Ku0bxly/JZi2d53AhgQQKY/iGaSRN9naG3S2+ym2VGVGj8wyAHDBshsHIOTtGScnOTRQB0beIBFBHeR/Zhdm6tZ47aJZNkK26Oiqxbk5BXox6HJBxWGl5ImnTWQC+XNLHKxI5BQOBj2/eH9KgooA1NQ1sancLcXWm2X2gyK80qCRDOQOdwD7Ru6kqFOe4pya+6yODYWj2zW32YWreZsRPMEvBD787xnlj1I6YAyaKAJbaf7NcLN5UcpXJCyruXOOCR0ODzg5BxyCMimSyyTzPLM7SSSMWd3OSxPJJPc02igDRt9RhktFs9Ug86KNCkE0eFkt8tuJH98ZJ+VvXgrzVnWdchu7m8/su0+zRXjs07yEPJNmTeMnHyAHHyr6cluKxaKvnlaxXM7WNbTtSgstDvYJYYbl5rmBvImRiGVVlydykFSCy9CCc45GRUV/rdzqIuhNHCi3MsUhWKPaIxGjIiKBwFCtj14HPXOdRUEmjd6wb6xihubG0aeKJIVu1V1l2r90HDBSQuFyVJwB6ZrZ1TV7d9N1BjcaXcXt+scUrWUEqNIQyuZWLqADlACqABi5J+6K5WigDZfxJJcfahfafZXkdxdPd7JVceVI/3trKwbB44JI+UUWHiWewisgLOynlsJN1tPNES8YLbivBAIzuIyCRuJBBwRjUUAaMMllZLBeWN9djUIWSREa0QIrgg/e8w5A7fLzjoKsS+JZ/+XKzsrDF1HeD7NERiVN2D8xPHzfd+6McAZOcaigDbbxFNNNAlnb2GkqLxbsvbwtgSD7rHJY7VycKoxyeDV3UdahtbRP7Lk05bhr5Lz/iXwSKkLRhtp/ejJyXPyj5V2cD5jXL0UAbKeJJLeWzay0+yto7WSV/JVXkSXzFVHDh2bIKqBgY6mmN4hmAtkgs7S3gt2lKwxo2GWVAkisSxYggYzncMnBGFxk0UAbz6vDPpNzuS2ti1qLKC0txISo89Zi5LkjGdw+9nOOMc1Vv9dkv7SaF7S2jkuJ1uLiePfvmkAYZILFRnexwoA5/CsuigAooooAKKKKACiiigDWiill8NThp4T+9jeON7lAwRRLuwpbI5bpjnPGayaKKACiiigC9p0ieVcQK6wXEwCxzscADnchP8O7IG72wcKzETaVIttZXd6i2hurZ4nhM0rB1OTzGg4Yg7Sc5AA6HNZdFWpWsQ43udHps19b+H7WXT7yKzKXszPK8qocBIj0PzMO5VQc4GQeKmttVt/tNottJHbWdxq8zSxHauIGMXyt6IRkEfdO3viuaaeRrZLctmKN2dVwOGYKCf/HR+VR1p7ZrYj2Se50emzX1v4ftZdPvIrMpezM8ryqhwEiPQ/Mw7lVBzgZB4rE1CaG41K6mtY/Kgkmd402gbVJJAwOBgVG08jWyW5bMUbs6rgcMwUE/+Oj8qjqJTukiows7hRRRWZoFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBsWheXSria4trdLCGMx7hEod5SvyhXPzE7sMRnAAPbArHq++s3kljHZyGFoIkKRq1tGSgPXB25BPr1zzVCgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAui0t5bGWW2uJWlgjEkqSQhVALKp2sGOeWHUDjP0qlWkb6JNHa1FzdXG9AFhlQCOBtwYsvzHngjoOGP0ObQAUUUUAXLbSb27thcW8O6IuY1beo3OADsGTyx3DCjk84zg1Ha2Fze7/s0e/bgH5gMk9FGerHBwo5ODgcVc0/U4bT+y/MWQ/Y75rmTaByp8rgc9fkP6VZ8O6rp+mTRS3scm6ObzC0dvHK0gAG1QX/1eCCcryd3bANbRjBtJsylKaTaRWtfDeqXlkl3BBGYHR5Fd540+VDhmwzA4B6mmw+HtTuJZY0t1Bin+zMZJUQGXn5AWIDHjoM/rTv7Th/sz7Ntk3/Yfs2cDG77T5uevTbx9fzrROv2U/wBsWQSReZfS3MTtZw3GVfGVKv8AdI2ryDzz6CqUaTtqS5VTGh0q7m35SOHy3MbfaJkh+YdVG8jJHGQOmRnqKdZaNfahEklrCrJJIYlZ5VQM/HygsRydwwOp5x0OLkGqW/m3Ml9PLdCWd5TC9nGRLnqdxbMRboSgOMDk4FNjWzPhq1a9knG27nKpCgO/5IcgsT8vbnDdenHKUID5pFGHTLy4lljjgbfEdrq5CkNzhADjLHBwo5ODgcUWmnXF7FJJB5QSIqrNLOkQBbOBliM/dP5Vs6Tr9lDqj3+pQssz3TXLmG3jl35OQoLn93hsnK8nd1GAazre4sJdIWzv2uYXinaWOSGNZAwZVDAqWXH3Fwc9zxS5YaahzT7Edjo19qUXmWkKlPMEQaSVYwznooLEZPsOapyRvFK0cqMjoSrKwwVI6gitjTdVtYNI+x3O6N0naVJPscVyCGUAjbJjb90cg85ORwKy7yc3N9PO0jSmWRnLsgUtk5yQOBn0FTJRUU1uVFycmnsaGnadpl3YXE9xf3cMltF5sqJZq4wZFQbSZBk/Op5A7/i2z0C+1TfJpkXmW/niCOWd0h8xz91RubBYjnaCcVXsruO2s9RikDFrq2ESYHAIljfn2wh/HFamk61Z2+h/YbvdFIly0ySixhugwZVDKVkxtPyKcg85ORwKjQzk6kbuPf8ArbUzoNFvp/MykcHluY2+1TpB846qPMIyRkZA6ZGeoqez8PXF7o0l/HPaKFlSNUkuokJDB8k7nG0/JwCMkHI4FWrbWbXzruXUbia8Wa5eZoJLGIiYN1O8tmFm6EoCRgEE4GKFhdWn9nXNjfvNDHNLHMJYYhIQUDjbtLLwfMJznjHQ54NAcqjT+XR/MitNKur2EyxeSkYbaHnuI4Qx6kAuw3EZGcZxkZ6iiG0juNJuZ4y32i1ZXkQnhomIXcPQhio6nO8cDaSbmkajZ2loyX8kkybyxszaRyI4wMgSM26ItjBZBkYU84AEGhamNK1ZJplaS1kVobqJSR5sLjDrwRzg5HPUA9qCm5626D7bT7D+yYr3UL25h82eSFEgtVl+4qEkkyLj/WD16UzTtB1HVYfNsoFaPzVhV5JkjDyHkIpcjc3sMnp61OmuXWm6THYaXqFzC0d1NJJLbSNGkqssaqexP3GPIGM/WrGk61Z2+h/YbvdFIly0ySixhugwZVDKVkxtPyKcg85ORwKNCG6qi2u/9aGXb6TfXM00UVuwkhbY6OQhD8gIA2MucHCD5jg4HBq1Z+Hri90aS/jntFCypGqSXUSEhg+Sdzjafk4BGSDkcCtTRPEOm2esvfakJpZPtjXLTLZwu9wCcqPmOISGyTsyTuxkbQaxrC6tP7OubG/eaGOaWOYSwxCQgoHG3aWXg+YTnPGOhzwaA5VXfS23/B/r9SC3026uvsvkRbvtc5t4fmA3yDbxyePvryeOfrUtpouoXtoLm2t98JdolYuo3OADsAJyWIYYUcnnAODi9oer2Fl/Z51BLk/2ffG6RYAp8zd5eQST8u3yweh3Zx8vWqP9obNJs4IGkjuLa6lnEinGNyxBSCDnIMZ/SgvmqN2S/rX/AIA7TtB1HVYfNsoFaPzVhV5JkjDyHkIpcjc3sMnp602y0PUtQmvorW1ZpNPgkuLpHIQxRpw5IYjkZ6dfatHSdas7fQ/sN3uikS5aZJRYw3QYMqhlKyY2n5FOQecnI4FNsYdP1W51u/1q8lCrDLLBKrxRPLcMSY90ZJJVjkEIDtJGSBzQOEpubUtjBooopGoUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAEnkTfZ/tHlP5O/Z5m07d2M4z0zjtUddLei0k8Ozw2d9a/Z7eWHYFWUGRgkuWIK/ff8AIBQM8DPNUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRWxf28SWCNaWdo8fkxM88dwXlViq7iyhzt+YleVA5A64rHoAKKKKACirdvY/aPsn7zb9ouDD93O3G3n3+9+lLa2Kz2zzu021Cdwgh8woAM5bkbR6Hvg+lVytk8yKdFaVhpP2y289nmCmXywIbcykcAknGMDkepPpxVG4ha2uZYHILROUYjpkHFDi0rsFJN2RHRWtpLWv2DUGudPt7l7eETI8jyA5MkaYO1wMYYn1z37UzTn36PqsLxwssdusqMYlLq3nRLw+NwGCRjOOTUlGZRWnpz79H1WF44WWO3WVGMSl1bzol4fG4DBIxnHJptlpP2z+zv32z7deG1+5nZjy/m68/wCs6cdPegDOoretdB0+TSUvLzVZIHNs9y0SWm/aol8oDO4ZLN0/HOOtBs4bKz8QWO6OWe1cDfJagnakyplH35QktyMHgdaAMGitbT9GivbW2d7zypbu5a1hiERbLgJgk54XL4J5I4wG5wzRdEl1qV44fO3BlQGOBpAGbOC5HCJxyeT6A84AMyitizs9Kk8Pz3N3cXSTpcRITHbh9m4SHAzIMg7QSSBjGBnJNSaP4cOp2H2uSS6WNrjyALWza4K4ALM2CMKNy+pPOBxQBh0VsLpp26ppkghN3YM8qOCBv2HbIgzgsMfOM9PLOB8xqbTrOJtBiuFsrC4le5ljZry7MOFVYyAo8xM8s2evagDBorTstNspLBLvUtQa0jluDBGI7cyngAszcjCjcvTJOenFSjw+639taS3CrJNqL2DFVyFKFAWHTI+fpx096AMeitbT9GivbW2d7zypbu5a1hiERbLgJgk54XL4J5I4wG5xWtrKE2our+eSCBnMcZiiEjOwAJ4LKAAGXkn+IYB5wAUqK6N9AbVPFGq29mkiLHePFGsFuXVCXYLuI4RBjk9R2B5xUs7PSpPD89zd3F0k6XESEx24fZuEhwMyDIO0EkgYxgZyTQBj0VraeIW8P6quI2nVI5MyW4YqokVfkk3ZUkvyNpyB1pllptlJYJd6lqDWkctwYIxHbmU8AFmbkYUbl6ZJz04oAzKK3E8OASiC4vVS5e+ksI40jLBpF2DJbjCZfk9RxgHnFSwt1v8ATry3CxieBDdRMSAzKv8ArE7Z+X5++PLOB8xoAzqK2NLktG069M+l2s8lrbiVZHeUFiZUXna4GMOegHQVNpfh4avatfMbiGJ7kwrHZ2b3Hl8AktzwoDLjkseeDigDBoraTw/s+2fa5LhvsczxS/Yrbz9mzqz5ZdqnsT12t0xTbOz0qTw/Pc3dxdJOlxEhMduH2bhIcDMgyDtBJIGMYGck0AY9Fa2niFvD+qriNp1SOTMluGKqJFX5JN2VJL8jacgdaNP0aK9tbZ3vPKlu7lrWGIRFsuAmCTnhcvgnkjjAbnABk0VraVo8N99l+1XUkH2y5+zQ+XCJPmG3JbLLgfvF6Z79McstLaK9s762g2tJbqbmCRwqO6Lw64zydvz4ycbDj7xNAGZRW1pllBPp0UktvC6tPIs0rSlXjjVUJZF3DcQCx6N24qLTdF+32n2h3nCGbygILZpiOASzYIwBkepPPHFMz9rFXuZVFbFlYJby6h59zarPaAqBKjOqkSKpbG0gjkjnnJzjvVeGyiubdLm4u0ga4neJV8sBQwCnJPAVfm59OMA9kHtEZ9Faum6L9vtPtDvOEM3lAQWzTEcAlmwRgDI9SeeOKRNH2/aftDzH7NK8cn2WHzdm3qzZK7VPY98N0xQHtIXtcy6K1bWxhu9NtEMginmupIo8R5LkiPbk9lBJ55IzwDzUUf2aHSYZZrRJmlnkRmLsrKqqhG3Bxn5jyQaA50Z9FasGhyXGpXVnE0jmCbyQ6QlhnJALY4VeOTkn0B5wy2ttPfR5Z7iadJVmjUlIQ23IfgfOM52g54xj3oD2kf68zNoq/pelyanIyReZkFVGyIuAW6FiOFXjk9fQHnEsFtZyaTbPdz/Zt1zIhdYd7EbY+vI+UZPfPPAPNA3NJ2MuitS10Oa5v7i0y5khl8kmKJnXdkjLHjavHJ6+x5xFZ6etxaPcSNPsQkMLeDzSgAzub5htHPB74b0oD2ke5QorV03Rft9p9od5whm8oCC2aYjgEs2CMAZHqTzxxUC2MEd3e29/eC3e2SQIVjLiWRTgIMdM88mganFuyKNFFFBQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAXf7S26e9pBa28IlCrLKoYvIFOcZYkDJAJwB0FUqsvZeVaiWaeKORgGWBt29lPQ8DA9eSDjnoRmtQAUUUUAW7TUJLPy9kcUhik8yMyLnYeM9++B16Y4weaZbXf2XDJBE0qtuSVi25D2wAccHnkGolikfZsjZt7bVwudx44HqeR+dOgtLi63fZoJZtv3vLQtj8qpORNoksN75VsbeS3hnj371EgIKnGDgqQecDj2FVnYM7MFCAnIUZwPbmpILS4ut32aCWbb97y0LY/KoqTvbUatfQv2GqLY208JsLW5Fwu2RpjJkrlW2/K4GMqD6++KLDVFsbaeE2Frci4XbI0xkyVyrbflcDGVB9ffFFhpa31tPMb+1thbrukWYSZC5Vd3yoRjLAevtim2tlDc6beT+fIs9qgk8rygVZS6J97dkHL9NvbrSGSWmrJaR3SDTLSRbnhw7S8JuVggw44BUHPX3NOstdlsJUeG1tW8m4NxAsiswhY4yFyeQQqj5skYyCDzUNrZQ3Om3k/nyLPaoJPK8oFWUuife3ZBy/Tb261WS3nl8vy4ZH81/Lj2qTvbj5R6n5hx7j1oAs/2pP9j+zbY9n2b7NnBzt87zc9eu7j6fnVldePnX8s+n2k737s0xcyjguH2ja4wNyg+vvVa30bVLuBZrXTbueJs7ZI4GZTg44IHrUkWkSHSr+7uBcQNaOsYQ2zlWYthlZ+iFcjg9c4oAbDq8tvLavBDCi2l211EmGIDHZ8vJyVHljvnrzUmla7LpTRMtra3JglMsP2hWPlOQASMEZPyr1zjaCMGqUVldTxNJBbTSRqrMzpGSAFxuJI7DcM+mR602G3nuPM+zwyS+WhkfYpbYo6scdAPWgCezv/ssUkMlvDcwSMrNFNuA3LkBsqwOQGYdcc9OmJLXVfIsDZz2dreQeb5qCcMCjEYOGRlOCAMgnHyinW2gapeacb21sbiaLeqLshZi+d3K4HIBXBPYkVXtNOvb/f8AYbO4udmN/kxM+3PTOBx0NADrPUZdP1aO/s1WGSKXzERS20c/d65K4468jvTZ7vzLVLWNNkEc0ksYY7mG8KME8A8IOw70Jaebp0tzG+WhcCSPHIU9HHtng9MEp13cTW+lrNYLdz39raRvK0SCYSEsVCk/cRuPnHWgB1jrDWdqLeWytLyJJvPjW5QnY+ADgqRkEAZU5BwOKltvEV3b3QuZI7e5mW5N0jzR52SMQXIAIHzbR1BxjK7TzVK0069v9/2GzuLnZjf5MTPtz0zgcdDUSW88vl+XDI/mv5ce1Sd7cfKPU/MOPcetAFm11Se0+xeWsZ+x3JuY9wPLHZween7sfrTrXVntrA2jWtrcRiXzojPHuMT4wSMEZBwuVbKnaOKrRWV1PE0kFtNJGqszOkZIAXG4kjsNwz6ZHrRa2V1fSmOytprmQLuKQxlyB64HbkUAalt4nuINRa9e0tLiT7S91GJkYrFI+NxUBh6L1zjaCMGqFnf/AGWKSGS3huYJGVmim3AblyA2VYHIDMOuOenTDrvTJ4NUvrO3SS5+xvIHdIzwqNguQM4H8qkttA1S8043trY3E0W9UXZCzF87uVwOQCuCexIoAbYaotjbTwmwtbkXC7ZGmMmSuVbb8rgYyoPr74qS11v7NEYW06yuIBcfaIop0ZhE3QgEMCVICghiQdoqO20wz6Leag7TItuyKgFuzJIScEFxwpAIPPXIqG0069v9/wBhs7i52Y3+TEz7c9M4HHQ0AWF1y7F1b3D+XJLBeNehmX78jFCcgY4yg4GOpqvp99PpmowXtq22WBw68nB9jjsRwR6GmRWV1PE0kFtNJGqszOkZIAXG4kjsNwz6ZHrT0tPN06W5jfLQuBJHjkKejj2zwemCU67uAAS78gXkdsm2K5Ty8SHcyrvVxyMZOUHOPXiprXVfIsDZz2dreQeb5qCcMCjEYOGRlOCAMgnHyinWWkpeWkk/9p2kPlJ5kqSLLuRdwUE7UIPLL0J6/WoYNMvLyWVNOt5r1Ymwz28TsO+D0yAccZAoAktdUWzlM0FhaidZfNhlJkJhPVdo34IBGRuB981HZ3/2WKSGS3huYJGVmim3AblyA2VYHIDMOuOenTDbTTr2/wB/2GzuLnZjf5MTPtz0zgcdDVi20DVLzTje2tjcTRb1RdkLMXzu5XA5AK4J7EigBthqi2NtPCbC1uRcLtkaYyZK5VtvyuBjKg+vviiHV5beW1eCGFFtLtrqJMMQGOz5eTkqPLHfPXmi20wz6Leag7TItuyKgFuzJIScEFxwpAIPPXIqtFZXU8TSQW00kaqzM6RkgBcbiSOw3DPpketAG7o2rxwaC2ntcW8O6aR5FuXuFWRWVFwPJPP3TkN6jHesm3vv7M1tb3SmkVYJi8Pmn5iueA231HBA9TUdpp17f7/sNncXOzG/yYmfbnpnA46GnGwcWc8p3LNbShJ4GTDIDwG9cBhtOQMEr13cAD4dTktJoGs18tLedpogzZb5to2sRjIwoHAGcmkj1EJbvBJZ280JlMqI4b92SMHaQwbGAOCT0FV2t2W0juCRskdkA75UKT/6EKtnSXjsLi4mZx5SxMm2FmR94BwX6KQGHX1pmb5OpWW5MYuRGiItwuwqM4Ubg3GT6qOuaa1wzWkduQNkbs4PfLBQf/QRViDSL+5sjdW9rNJHuCjZGxLZzyMDkDbg/UUxbCWSwW5hV5MtIHVUJ2KgQlifT5/0pDvC4tvqHk2htpbaC5i3+YolDAo2MHBUg8gDjpwKLe/W2kMkVpAJQ++OQlyYj2wN2Dg+oPvmiGwWS0W4lu4LdGdkUSBySVAJ+6p/vCq8cMs2/wAmN5Nil32qTtUdSfQe9ArRdye3v5bf7LsVD9mnM6ZB5Y7eD7fIP1pYdQ8m0WBraCXY7SI8gYlGIAPGcH7o4IIpgtGa0gljy7zTPEsark5AQ8eud/T2pLeyurvd9ktpp9uN3lRlsZ6ZxQO0bXLNlrM1nKsrRQ3TpKZka4DMVc4y3BGScDrnpkYqvbXf2eN43hjnichjHJuA3DODlSD0J745+lMjtp5Yy8UEjooYllQkADGTn2yM/UUkNvPceZ9nhkl8tDI+xS2xR1Y46AetAcsdS3p+qyae0ZW3gn8pzJF5yk7GIAJGCPQdc4wMYqOHUPJtFga2gl2O0iPIGJRiADxnB+6OCCKqUUD5I3uaFlrM1nKsrRQ3TpKZka4DMVc4y3BGScDrnpkYqG0vRZ4ZLaFplbfHMxbchHTADbeCM8g1VooDkiW7fUPJtDbS20FzFv8AMUShgUbGDgqQeQBx04FTWF7aWwvpJ7ZJHmhaKGIxblQt/EGLZUrxg4YnkcdazqKBpJO6CiiigYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAdG+pW0lmGbUm8n7CIjYCJhumEflgn+E4IDhicjAGOBXOUUUAFFFFAGnp1xbJ9j+0TeULa6MrfIWLA7OmPTbznt0z0qOzeA23l3kkJiVywRg/mDIGSmBtyQBjccZH50KKvnZHKjWsLuBdNELyRJLHcGVfO80LyAAQYz1GO478HrWddyme8mlYqxkkZiUBCnJzxnnH1qKik5Nqw1FJ3NbSVtfsGoLc6hb2z3EIhRJEkJyJI3ydqEYwpHrnt3o0lbX7BqC3OoW9s9xCIUSRJCciSN8nahGMKR657d6yaKko2NNjtEtdTjm1S1iaaLyI9ySndiWN93CHCkKevPsKsaPdWFvLp63d6sa6fqLTsyxu3mqfLAKjHT92Sd2Dg8AniufooA3k1hI9DFrHdSKw01oAilgA7XW5h6cxjk9COPapXmsLu+1+Y6lbwLfO6wiSOXJBnSQMdqHAIU++e1c5TzDKtuk7RuIXZkWQqdrMoBIB7kBlyPcetAG3p2owWX9lQPd5ittVa4m2BtpQeUFfGOeFfHGevAzUvha70y0nhfUJ44vLuVmfzllYYQZQosZwWyWBL8AEYB+YHnKKANGxeCXS7qxnuY7VpJoplklViuEWQEfKCc/OO2ODz0zpaPqVpHoK2ss9vFPDeG4QXP2gKcqoDKYTkMpXuP4uD1rnKKANq01SL/hJbqXUWje1v3kjumiU7djtneoZSRtOHHGflFNXUm0/RorOL7LJPHdzNIJII5wAVjAKswIwSrfdPOPpWPRQBuadPbTaNBaS6u2myW98bgko7BgyqAy7M/Ouw4Bx97gjmrsGraddazDeXFy1rFBq8l7teIszo7RkABcjI2fNk9DxuPFctRQBuaVqkNrFo8cs7JHb6obmdMHAX91hsDqflf36+tQ2xsZ9BFvPe/ZJY7kyupiZvPQqAMEdWUhsBsD94eRzWTRQB2Gn6no//AAktzeXNzGkTak1zumWYgqGJjZFTHzZLZ39ARgH5gcCxeCXS7qxnuY7VpJoplklViuEWQEfKCc/OO2ODz0znUUAa2kra/YNQW51C3tnuIRCiSJITkSRvk7UIxhSPXPbvViyltX0uKxfWvsLWt+04kEchWRSqgOm0Z3LsOAQPvdRzWDRQB0/9vW0mqWk3nSRwf23LfSxsD8qFoyrEDIJAD9Mnr61k6HeQ2mo7L3myukNvc8AkI38QyDypAYYGcrWdRQBftZEtINVgndRJJbiJNp3BmE0bHBGRjCk56cVqaPqVpHoK2ss9vFPDeG4QXP2gKcqoDKYTkMpXuP4uD1rnKKAOgS9tryW7fV7iykhe7km2Ks4kG/G9ocDGSAMCQ8FRkDnNCxeCXS7qxnuY7VpJoplklViuEWQEfKCc/OO2ODz0znUUAa2kra/YNQW51C3tnuIRCiSJITkSRvk7UIxhSPXPbvVjTtRgsv7Kge7zFbaq1xNsDbSg8oK+Mc8K+OM9eBmsGigDp9Hezg0GyurmeOGe3v5ZLcyu4UsFhPIWNiwyBkZX6+mdpci6VrctpqqbYJN9peLwxRScEg4blWAYY7rVK01G9sN/2G8uLbfjf5MrJux0zg89TVagDe0q8t7XT7yw1C42Yl/dBPnUFlaJ2yoO4BWz15wMHmmyz2t3darIb2CFJx5MCmNxhFdCvCqQBtTHr7Vh0U7mXslzORft/JNpc2b3Uce6ZHWVlfYwUOOyk87gRkdj0qbT7+OCPTUkmKpDfmeVcHAX93hsd+je/wCdZVFIpwT3NCPUTb6TDDD5LSCeR2EsCyYBVAMbgcdD09PpVrQLiwt5Y3vJUj2TrI/miRhhfulAnG7O7O7pkYzyKxaKBSppprualteQLpKWjP5Uryy5lAJMYZUH/fJ2kHHOPbKtNpt7bppK28ksMc0VyZl8/wA4KcqACDGfvAr3Hfg9axaKYOmmjVudVkMaPFOPPF/LcnywdmTs2sA3uGxnn1603RrWWeLUJUvJrOKK0cvIisVk9ImIIADYIGepGME4rMopFRioqyCiiigoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANiDUr6DRJmlvbho5QbWCJpWKAYG84zjhSFwR/HkcrWPUjzzSQxxSSu0cWfLRmJVM8nA7ZqOgAooooA2tJ0yG9bSFMDSm41B4pgpPzRqIienTAZjkf0qPSIrSeLyvKtpr2STakV0ZQHzgKqGMgAk5B3kD7uD1rPgvLm1VltriWEMVZhG5XJU5UnHoeR6U6HULy3tntoLueKCTO+JJSFbIwcgHByOK1U4q2hk4yd9TZ0mz09NDW/v4oJN12YmNy8yqFVVO1fKU4Y7jy393gHmsS8WBL6dbN2kt1kYRO3VkzwTwO3tTrXULyx3/Yrue2343eTKU3Y6ZweepqGSR5ZWkldndyWZmOSxPUk0pSTikkOMWpNtnUeGvEGs2nh/XYLTVr6CG209XgjjuXVYmN3ACVAPykhm5H94+tXdCstKk8NHXvEMdvdzXOqtDNNqU12FKqiuQrQI37xy7Hc5P3eFPzVxcc0sSSpFI6LMuyRVYgOuQ2D6jKg49QPSrWn6zqmkeZ/ZOpXdj5uPM+zTtHvxnGdpGcZP51maHQ6bZ6FNf3dlpaWmo3D3zxWSaobhftERIEIjMO0B2Od3mbV5TGPmqPS9StbfwDfrNotjdGPULVWaZ5wZCUuSGbZIvKgYGMDBOQTgjFTxBrMdvcwJq18sN2zvcRi5cLMzDDFxn5iR1J61DYanf6VcNPpd7cWUzLsMlvK0bFcg4ypHGQOPagDa8NW+nXduLb7NY3WqzT+XFb6g1wqy5AEaxGEgBi24MZCF5TBHzUzwrAmrfbvD8kmx9QiD2YJUKbuPJjBJZcblaSMckZkBwcDGXbazqlnYS2NnqV3BaTZ823inZY5MjB3KDg5Awc9qqwzS21xHPbyPFNEweOSNirIwOQQR0IPegDd0PWNTt9H1aK31G7ijgsw0SJOyiMm4iBKgHg/M3T1PrVrSbXT30P8AtfWUhuJJr9o5Zb2W4AICqxAMSn523k5Y/wAPAPNc3JdTSSzybghuCfNWJRGrAsGxtXAAyAcAYGBjpUlnqd/p2/8As+9ubXzMb/IlZN2OmcHnqfzp3OeVG9+XS79PxNiyttJlu7i2sEt7yZrpo7Vb8zL5yE4iCGPaAxOc78DlcY+am2F7bw+ELsSaXaXBS8twxkaUFyVnIJ2uORjAxgYPOTzWWusamkM8SajdrHcMzTIJ2AlLcMWGeSe+etRWl9d6fMZbC6mtZGXaXhkKEjrjI7cCgHSk003269jRtrqfTvDsV1pc8lvcPdSR3E0DlXCbEMalhyoJ8w443be+0Yv+H9EGp6n5eqQRxvdXRtwjrIjKRgy7I41wrKGUjfhBzkHnbz9pfXenzGWwuprWRl2l4ZChI64yO3Ap9nqd/p2/+z725tfMxv8AIlZN2OmcHnqfzoHOnJpqO769TR0OGyuIfI8m0uNQkl2Rw3jTASZwEWMxkAMW3A7yB93BHzVc0Sx0tPDq6lqUNvJvvjAzXb3CoEVFbavkqcM248sf4eAeawoNTv7a0ktba9uYbeXPmQxysqPkYOVBwcjiiz1O/wBO3/2fe3Nr5mN/kSsm7HTODz1P50CnTnK9n+P9WNGyhshqOspa6Vca1ax20/2d1d1NuoPy3DbRyFHUEAc84rErTsdevNPXUGhIa41CJoZbl3cvsfPmD721t2edwbBAIwRmsykbrRBRRRQMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKANr+ybb7Fv8Anx9n837Z56eVv2bvK24zvz8u3dn+LGOKxa1v7b/dbvLm+0/Zfsm7z/3Xl7duNm3PTn72N3OO1ZNABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBf/ALF1D7H9p+z/ALvyvOxvXf5ecb9md233xjv0qhW7DdQLam+uYkEzWrWysLlWJ/dGJcRD5lOAMljjG7AyVFYVABRRRQAVagsfPsLi5S4iBtwGeE7t5Usq7hxt6sO+evFaemSXK6Gw0nUI7S6NyTcKboQM6bRsILEAgHzMgHPIyOmINItml0/UsS2yGWARIJbmOMswljbozA9AeenFaqGxk5mTRXT+ForeG723V1FGPP2XAN3HEgjXsSQfNVuQVU4+UZ6givoU8kdi6C5ayj8wlriC+SGQcDJZPvSheoUY5LAHJ4apXSu9wdTV6bGBRW/oU8kdi6C5ayj8wlriC+SGQcDJZPvSheoUY5LAHJ4wKiUbJMtSu2i/aaLfXtoLm2SNkZ2jQNOivI4AJVEJDMfmXgA9QKoVtw2ovvDFrGl1aRGG8neXzrhEKKyQ4baTuYfK33QTxwM1t2+q3F59puPD+q2+mTT6xJcTC4mSB2jbBjLE8OqnzMoCfvdDmpsYOrJf1t67nE0V6Bp88MHm6npF59khGsXEiQxSxWyXUa+WyRsXkQhcEj7rbd547Gh4TWMam7ateeVNJdbb5bq7S3IQckSb1LShyWBQY5UbuoILC+se63bY46p760k0/UbmzmKtJbytE5Q5BKkg49uK2dJMkeh+bpepw6dercsLl2uPJkMO1SpU9WUESZVMknb8pwuN3S3sJfF+pTvfwiCfU5DMWvI4EMAYsMllJlR8kFFIHyjd1UgsOdZxb02/r/hu5xmm2X9o6hHa/abe18zP766k2RrgE8t26Y+pFEFl5+n3d19pt4/s2z9zJJiSXccfIv8AFjqfQVp+EtTv7bxFplrbXtzDby30XmQxysqPl1ByoODkcU/Q1up9A1a1F7DHbzRBY4Jr6OINKJYmzsZhztU/NjtjPagc5yi38vz1KFpoV7fWpuLc2hjVdzb72FCg3bcsrOCBkgcjuPUVQljMMzxuVLIxUlGDAkehHBHuOK0rErbWmtwzSRhzaiNQJAQ7C4iJCkHDcAnjPAzW74Y1AWnh0izufJvEvvMkSO/is3dNg2ZaRCJFBD/LnjdyDngCVScU3vr6ficdUq20rWklyqZhjdY3bI4ZgxUY69Eb8q6mwvGM1/5Uq6RbveSOZbHU4ojEDjgoOZ0QcqExnLAH5uKejapqX9g3On2GrSW0yzxSQo175CrGBJv2szBRlmQkZyeuDg4LA6srOy2t1OdoorqfD16LbQyLW48q6W78yRUvY7VnXaNmS6kOoIf5c9+Qc8XTipOzZrOTirpHLVIsEjWz3AXMUbqjNkcMwYgf+On8q6W1vYbN5p7qaCGG4vi9vaQyiQWbgnE+E4ITOAvAcewFRw3mpw219p0Ws5uVuUkSRb8KjriQuVcsByWUkZyT1HBxfsl1ZHtH0RzVFdT4evRbaGRa3HlXS3fmSKl7Has67RsyXUh1BD/LnvyDngttSjS5tIg0FrBNq8xuIUdCqwsYvlLDgxkZH907fbgVJWTuDqO7VjlqmvLV7K+ntZSpeCRo2K9CVODj8q1NNLppHmadqEVjdLOwuGM/lSGLaNpB6kAh8quSTt4OBjTF2W1LVDDefZbd76V/tdtfpE20n7xT70qgcqFx1YA5PBGmmtwlUaZyVaNpoV7fWpuLc2hjVdzb72FCg3bcsrOCBkgcjuPUVnVo6ZLHHp+sLI6q0lmqoCcFj58RwPU4BP0BrAubkl7pQljMMzxuVLIxUlGDAkehHBHuOKbXY+GNQFp4dIs7nybxL7zJEjv4rN3TYNmWkQiRQQ/y543cg54ZYXjGa/8AKlXSLd7yRzLY6nFEYgccFBzOiDlQmM5YA/Nw7GLrSTatt5nLLbStaSXKpmGN1jdsjhmDFRjr0RvyqWz064v95gEYWPG6SaZIkBPQbnIGTg4GcnB9DWxo2qal/YNzp9hq0ltMs8UkKNe+QqxgSb9rMwUZZkJGcnrg4OKdug1HQ4bGCWGO4t7mWZlnmSIMrrGMhmIGQY+RnPzDGecBXPK7TMuWKSCZ4pkaOSNiro4wVI4II7Gm113g6KyivsT6hD5bXOy4LXSW6GFeed67pUfLAxjH3Ru6git4duZYtOkQXbafF5pL3VvqKQSKMDJeP78yqBlVXByXAOTwWE6zTattY5qiux8MagLTw6RZ3Pk3iX3mSJHfxWbumwbMtIhEigh/lzxu5BzxzGpyLLq15JHDHArzuyxROGSMFj8qleCB0BHFBcKjlNxtt/WxVooopGoUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFaKiBvDcxWBRMlzEGlJyxysvA9B8o49ep6AAGdRXS/ZoFtfsUjWoVrDzkVYVacv5Xnbi+PlGQVxnO3Hy87q5qgAooooA0hY2Mdnay3d5cI9xGZAkVsrhQHZepcf3fSq+oWiWV55UUjSoY45Fdk2kh0DDIycfe9a6fTTPYeGX1W3l8maPTPLt5oZR50MhvRlgFO9FKF134CndtzlsHnta/4/wCP/r1tv/RCUuoupn0UUUxhRRRQAUUUUAXLTVbqyhMUXkvGW3BJ7eOYKehIDqdpOBnGM4GegqrLLJPM8sztJJIxZ3c5LE8kk9zTaKBKKTukFFFFAy/Ya1faWjCweOFm3YlECGVdy7TtkI3Lx6EVQoooEopO6QUUUUDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrcep3MVi1mnk+S33gbeMsTzzuK5yNxwc5GeKqVb+w/8AEoa+MyZEqx+UvLAMH5Pp9w8de/AxkAP7Tuv7P+x708nZs/1Sbtu/fjdjdjdzjNVKt/Yf+JQ18ZkyJVj8peWAYPyfT7h469+BjNSgAooooA6zSmhbS0guZo47e8042ssizReZCRdeaCI3dN2dgHUcNnJxg4WtFf7SAV0fZbwIWjcMuViQEZHB5BFVZf8AVwf7h/8AQmqKgQUUUUDCirOnWZ1DUIrYOsYc/PIxACKBlmOSOgBP4Vd0fSYtXurhRN9ljjRmUzMAo+VioL468AnjlQ54xUuSW4m0jJorY0rRE1C+u4JJmthAHw1wvljIVsBjztOQCV54D8/Lzlzx+TcSRYcbHK4kTawwe45wfahSTdgum7EdFFFUMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK0YZrFdEmt5JrgXEkiSgLApQFQ4AzvzzvHOOMdDWdThG5jMgViikKWxwCc4GfwP5GgC/DNYrok1vJNcC4kkSUBYFKAqHAGd+ed45xxjoazqn+w3f2P7X9lm+zf89vLOzrj73TrxUFABRRRQBLL/AKuD/cP/AKE1RVLL/q4P9w/+hNUVABRRRQBdtboWen3XlSMLi5HkkLkbY8hmyfchQOvG7I6VUSR42LRsyEgqSpxwRgj8QSKnuokjt7NkGDJCWc56nzHH8gKZBaz3IYwRs4QEs3YYUseforHHfBpaLUWxGkjxsWjZkJBUlTjgjBH4gkU2nSRvFI0cqsjoSrKwwVI6ginRQTT7/IieTy0LvsUnao6k46D3pjI6KKkMEi26Tlf3buyK2epUAkf+PD86AI6KKKACip4rK4ns7i6ij3Q223zW3AbdxwOOp59KgouAUUVNbWst3IUhC5A3MzuEVR6liQByQOT1IHejYCGinSIY5GRtpKkglWDD8COD9RTaACinCNzGZArFFIUtjgE5wM/gfyNNoAKKKKACiinCNzGZArFFIUtjgE5wM/gfyNADaKKKACinCNzGZArFFIUtjgE5wM/gfyNNoAKKKKACiiigAooqeOymls5bqMIY4fv/ALxdwGQM7c5xlgM4xzRewEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFbUVvfz+EZ8W8zW6XEboViO3AWXe2QOccAn2A7CsWigDft9LvrbR5NXuIriR5YWjt1EbPiMptZ3P8ACoQkL68HoOcCiigAooooAll/1cH+4f8A0JqiqWX/AFcH+4f/AEJqioAKKKKALl7/AMemn/8AXuf/AEbJUuj6zPotxJNaqvmSRsm/uMg465H3trdP4QMgE5ivf+PTT/8Ar3P/AKNkqnSaTVmJpNWY6Rg8jMqLGGJIRc4X2Gcn866PSXtLDTrM3dxaxrdStLOsiylmhw0WBtGAeZf/AB3muaopSjzKwNXVia7tns7ya2lKl4ZGjYr0JBwcflWzpwuxoNtJZ2EV0EvJTI00IdEXbFwxPyqDjljgjHBHNYFFDjdA1c6jRdMtr7V5xaR+daSXRjULB5hSEHPzFmHlhlIw3LZU4wRg09FgeWzfyrdkPmEG6ezWeIcDAdm4jC8kkZ4bkcCsOip5HrqTys2NKs7u80jUEhsWnQRgxulsGYSeZHkB8Z+6Txnpk4qSxs72PSpHsbFbi5FyY7hHtlmeEBRt+RgSuSXycfwAcd8Oim4sdgrW0i4ii0/UxJZwzkW4YtIXBI82MbflYcd/XPfHFZNFVJXVhtXOl0KBDoxnitftMy3WJQlkt02wKCoKlgVUnfyBzjqMU/RdKhvNXnWO1cQPdGIwtbiR4YwclXLMPLyDgMMtlTg8c8vRWbg3fUlxeupuaZcXcmiXFtY28VxMs0TLGLRJXK4k3MQVJOCVGT0zjjNLolit5/Zm2BJQmoH7SSBgIfK2hiex+YAHqcgZNYVFNw3sPlNa3nhtNGtZXtIZ/MupVlLqNzRhYsoD/DnJ5HI7EZOb+hQIdGM8Vr9pmW6xKEslum2BQVBUsCqk7+QOcdRiuaoocLoHG6J75Y11G5WCJ4IxKwSKQYZBk4U57jpWrplxdyaJcW1jbxXEyzRMsYtElcriTcxBUk4JUZPTOOM1h0VTjdWG1dWOl0KBDoxnitftMy3WJQlkt02wKCoKlgVUnfyBzjqMU2zt98l2tnYy2yC5cCWeyWZI17LIXz5e3qSMnnnoK5yio5Hd6k8puaZcXcmiXFtY28VxMs0TLGLRJXK4k3MQVJOCVGT0zjjNYdFFWo2bZSVmdLoUCHRjPFa/aZlusShLJbptgUFQVLAqpO/kDnHUYotraCFpZLu1S2tJL0iyW5RQ4cEgLJnkxDgPyecY5zXNUVHI7vUnlOo0TRJpdUkhv7b941x5c8aWyt5a9WzyBGrA/Kygn5Ttx3ZbXKWuhJtsrKR1sGm8yW2V2Lm58sEkjnC9P1zXNUUezberDlvudVcW8sElxJp2l28wj1O5R2ktwyRxrswrE/Kq9eTjGDgjmqVvYvc/222k2s01oyFIDHGzAjz4yB6528464rIa5drOO2IXZHI8gPfLBQf/AEAfrUNCg0twUWdPotp5elO4smmuY7wpOgsVuXVQowrIzAoCd+SBk4xkYrHksJLvUb9dPtnSO38yUxSHa0Uanvk9RwMcmqFFUotNu40mncKKKKsoKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACr6wWx0CWdVc3KXEas7HCgMsnygd/ug5P0wMZNCrseorHpr2f2K3cSEM0rGTfuAYKeGxxuPbHrmgCcQRTaLLM1rbxGOMFJIZS0jNvVTvTcdoIJOdqjO3B5AOXVs34Fm0ENrDCZECSyIXLSAEHB3MQOVB4A6enFVKACiiigCWX/Vwf7h/wDQmqKpZf8AVwf7h/8AQmqKgAooooAuXv8Ax6af/wBe5/8ARslWtA/szz5/7X/1flPs2/ezsbpn5fpnndsxxmqt7/x6af8A9e5/9GyVTpSV1YTV1Ykn2/aJPL2bN52+Xu24z23c4+vPrUdFFMYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFWTYTjTftzBVh8xY1BPzNkNyB6fIRn1GB0OK1aUAtv7AuI3voUmklSVYism7CLIMZC4ydwxzj1IoAgOnTLpA1BmQRmURBCTvOQSGxj7vysM+oPpVSt281ewvdMuI2gukkLxCGNrkMqKiuFA+T7q7hxnJznOck4VABRRRQBLL/q4P9w/+hNUVSy/6uD/cP/oTVFQAUUUUAXL3/j00/wD69z/6NkqXR9Gn1q4khtWXzI42fZ3OAcdcD721ev8AEDggHEV7/wAemn/9e5/9GyVDBdT2wYQSMgcEMvY5UqePozDPbJpSvbQTvbQjkUJIyq6yBSQHXOG9xnB/OrVtZwm2FzfTyQQM5jjMUQkZ2ABPBZQAAw5J7jAPOKskjyyNJKzO7kszMcliepJrsdCvY7W00opdLbyMYoywid2kRZ5WkiUopIJ3RHbxkEdjW1GClKz/AK/IzqScY3RzE2lXkUjhYJJkVPM82JCylNqtuzjgbXU84I3DOKjtdPvL7f8AYrSe52Y3eTEX256ZwOOhrX1HWgLayXT7lt9rOr8KdpZIYUV8EYPKPjIzjqBnFO0nUbWPQ1tpZoIp4bs3CC588KcqoDKYjkMCvcfxcHrVckHO1xc8+W9jOttC1O8083lrZTyxbwi7ImYvndyMDkDbg+hIqmlvNJ5flwyP5r+XHtUne3Hyj1PI49xWo11Ff/2nFc3cEElzdrcibZJ5TY8zIGFLDPmAjI6A5wesui3llH/ZxvLn7OLK+Nww8tmLq3l4249PLOc44PG48UuSDaSf9XDmkrtr+rGRFZ3M8TSQ28siKGZmRCQAuNxJ9twz6ZHrRFZ3M8TSQ28siKGZmRCQAuNxJ9twz6ZHrVyPU3ttIso7WdkmgvZLjbjgHbHsbB4PIb9fWrGl6nDbRaTHLOyJBqZuJ1wcBf3WGwOvR/fr60lGDdrlOUrbGLThG5iaQIxRSFZscAnOBn3wfyNNrU0W9tYBcW2prvtJvLdl25JZHB4PUEp5ijGOX5wOREUm7MqTaV0VYdLv7mWWO3sbmV4TtlWOFmKHnggDjoevpUlvpvnaPeX7tKgtyipi3ZkkJOCC44XAIPPXIrRt76PULFVvNXawuF1BruRzG5D7wvzrsH3lKnAwPvcEUC4sr251u4e+itRflhEkySFhmZJMnarAcKR16/nWqhAycpGNa2dzeymOzt5bhwNxWJC5A9cD607ULX7DqV1ab/M+zzPFvxjdtJGcdulXohYyaQ1rJqCwPDdNIxWJmFwm0AFeOSMNgNtH7w8jmqusTx3WuX1xA2+KW5kdGwRlSxIPNQ4pR8y1JuRTooorM0CiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiitJJd3he4jEaKEuofmUfMxKy8k/kMdOOmSSQDNordurmbUdIka1vb3yLW3gWe3kUiEYCpwQxBJYZAIHc9qwqACiiigCWX/Vwf7h/9Caoqll/1cH+4f8A0JqioAKKKKALl7/x6af/ANe5/wDRslVUjeRisas5ALEKM8AZJ/AAmrV7/wAemn/9e5/9GyVY0PV00mWZpIFnEkbKEkG5M7WAJXvyQM5+6XHOaUm0tBO9tDLqwlxeWPn28c09vvyk8SsU3YyNrDv1Iwfer2mTRpqNxqs+9ltczRiU7y8pP7sM2Vyc/MfUI3FZNCk76BvowooopjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrKalfR2pto724S3IKmJZWCYPUYzjnJqtV0WkB0R7sTM06zIhQLhVVg/U9z8nbgA9STgAEMt9dz26W891NJDHjZG8hKrgYGAeBxUFa02kGDTgzQvJO8SzBhOigIQG4jI3uAvVhgAhv7pJyaACiiigCWX/Vwf7h/wDQmqKpZf8AVwf7h/8AQmqKgAooooAuXv8Ax6af/wBe5/8ARslU6uXv/Hpp/wD17n/0bJVOgCTz5Ps/kBsR795UDGTjGT645xnpk46mo6KKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAq/FeWiaRLaPbTNJI6yGQTgKGUMF+XZ0+fkZ5x1FUKsjTrs6W2pCB/sazC3Mx4XzCpYKPU4BJx04z1GQC7/bFv5XmfYP8ATfsv2XzvOOzG3Zu2Y+9s46474rJrVi8OahPaG4haykUQtOUTUIDIEVS7Hy9+7IUEkYyMdKyqACiiigCWX/Vwf7h/9CaoqsSNtt4PlB+Q9R/tGovM/wBhfyoAZRT/ADP9hfyo8z/YX8qALN7/AMemn/8AXuf/AEbJVOr14/8Aomn/ACr/AMe57f8ATWSoIEkubiOCCJWklcIi9MknAHNAEFFaFnp1xqFxNFYpHOYgzEoD8wAJyBjdzjA46lQcZFFnpt3f3E0NrDHI8IYsEIboCeNuc5xgEcZKjPIqeZCujPoqWQmORkZYyVJBKkMPwI4P1FT21t58Zllkgtoc7RJMGwzegCgk8deMDIz1GXcZToq1LbXECytLAoWJ1RjwRlgSuOeQQpII4x9RUHmf7C/lTvcBlFP8z/YX8qkCSNbvOIl8tHVGb0LAkD/x0/lQBBRT/M/2F/KjzP8AYX8qAGUVesLC61OR0s4VkaNC5AGTgKT0HPOMdMZIHcVDHDLLeLaxRxvM8gjUKQQzE4GDnHXvnFK6FdFeipZGCSMq+XIFJAdVOG9xnB/Om+Z/sL+VMYyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyin+Z/sL+VHmf7C/lQAyiiigArpLa3uJ/Ad2JLy1OLiCSCGW/iDrFGtxvAjL7h80gO3GSWyAc1zdFAGwpTT/CjPHLE1xqkhidVlVmigjKthlBJG99pGQCPJ4yGNY9FFABRRRQBNN/x72/+6f8A0I1DU8jAQwBlz8h7/wC0aj3J/wA8/wBaAGUU/cn/ADz/AFo3J/zz/WgCze/8emn/APXuf/RslTaZM2n29xqA4k2GC2bJBDsPmYYI+6mfoWTjmqs1yk0VunlY8mMpnd1+Zm/9mqLcn/PP9aTV1YTVyxYandaZI72b+W0iFCRwcFSOo54znrjIB7CnWerXdhcTTWrrG8wYMUUL1BHG3GMZyAOMhTjgVV3J/wA8/wBaNyf88/1o5UwshJHMkjOwUFiSQqhR+AHA+grqtJFsljp/mrZHd5ZcXTIAIzNL5jAOcFsJGucE4wBXLbk/55/rVm21Ka0jKQbQM7lLKGKN/eUkZU8DkYPA9BUzi5KyFJXRtvqd3JbzWdhqbRyRC2VB9rEaAJEVkCsSF+/joeeoyBmm6FeC30Yi2n8u5W63uqXkdszLtG3JdSHUEN8ue/IOa53cn/PP9aNyf88/1qfZq1hcitY6CzuW8y78uRdNha5djJa30cZjB7FRzKqj7oXGctjrxW0y/vf7Ims7TUHgkWWN41a68pQmH3YJIA5ZeO/XtWRuT/nn+tG5P+ef60+RD5RlFP3J/wA8/wBaNyf88/1rQosWGp3WmSO9m/ltIhQkcHBUjqOeM564yAewqzp9y9nHd6mQqzMGhtyvybZH+8yhcD5Vz06Fk4rO3J/zz/Wjcn/PP9alxTE0mMop+5P+ef60bk/55/rVDGUU/cn/ADz/AFo3J/zz/WgBlFP3J/zz/Wjcn/PP9aAGUU/cn/PP9aNyf88/1oAZRT9yf88/1o3J/wA8/wBaAGUU/cn/ADz/AFo3J/zz/WgBlFP3J/zz/Wjcn/PP9aAGUU/cn/PP9aNyf88/1oAZRT9yf88/1o3J/wA8/wBaAGUU/cn/ADz/AFo3J/zz/WgBlFP3J/zz/Wjcn/PP9aAGUU/cn/PP9aNyf88/1oAZRT9yf88/1o3J/wA8/wBaAGUU/cn/ADz/AFo3J/zz/WgBlFP3J/zz/Wjcn/PP9aAGUU/cn/PP9aNyf88/1oAZRT9yf88/1o3J/wA8/wBaAGUU/cn/ADz/AFo3J/zz/WgBlFP3J/zz/Wjcn/PP9aAGUU/cn/PP9aNyf88/1oAZRT9yf88/1o3J/wA8/wBaAGUU/cn/ADz/AFo3J/zz/WgBlFFFABWiogbw3MVgUTJcxBpScscrLwPQfKOPXqegGdVuPU7mKxazTyfJb7wNvGWJ553Fc5G44OcjPFAG19mh+y+Tth2/YPO+zeVF527yt2/zM525+fG7djjZtrmqt/2ndfZ/J3pjZs3+UnmbcYxvxuxjjGenHTiqlABRRRQBLL/q4P8AcP8A6E1RVLL/AKuD/cP/AKE1RUAFFFFAGpa22mR6bb3epC7fzbmSIpAyrhVEZ3ZIPPznjv6jHNn+woY9StbSSWRvM1SSykdcDKqYxuA5wfnPr2qpDrElrpEVra7VmWeSUyNEjFdyoFKMQSpBU8jHbn0hstWvdOx9jm8sq+9TsVijdypI4zgA46gYORW/NTVk0Y8s90Xrc2A8P2R1Nbl0+2zjbbsqkDZDlskHOPTHOeoxy9VmsYfEGl/aZJILdCNuSFZluIl3bc4BwKzrbVbu0thBA8aoHMikwozIxABZWIyp+UcgjoKLPVbmxhkit/I2Sff8y2jkLDIOCWUnGQDjpkZo54/16WDkl/XqWtOn/wCKf1e2RpULRxyvhl2OFlRQCCueC5OQw7cVDbQWcWmi71COebzZjFEkEwjxtALFiVb++mMf7XtltvrF3arMsItgJyTIGtImzkg45XgZAO0cDHSiHWb2CKWJGiMMsnmtFJbxvGH55CspC8HHAHH0pc0dL9B8stbdSjW1oJtorXULh7q5t7iKAFHghDGMGSMblbeDk5K444J57Vi1JHPJDHMkbYWZNkgwPmXcGx+ag/hUQlyu5co8ysaVnYJqEumyXMsrPf6g0Ezbskj93zk9/wB4eTntTtN0yzuray89pxPe3bWqbCAqcR4c5GTgv93jPquOadlq17p2Psc3llX3qdisUbuVJHGcAHHUDByKjhv7m3+z+TJt+zTGeL5Qdrnbz7/cXg8cValDqv60/wCCQ4z7/wBali2gs4tNF3qEc83mzGKJIJhHjaAWLEq399MY/wBr2zYs/wCzB4duJLqznklS5iVnSdVJysp4yhwOORzk4PGMVTtdVu7O2e2heNoHcSGKaFJV3AY3AMCAcHGRUdrfT2e8QmMq+NySxLIpI6HawIyMnnryfU0lKKt/kDi3f/MvadP/AMU/q9sjSoWjjlfDLscLKigEFc8Fychh24ptnbaZHpsV3qgu5POuWiVLdlXYqhSzEsDk/OMDjoear2eq3NjDJFb+Rsk+/wCZbRyFhkHBLKTjIBx0yM1Ja67qFlvFtLGqtMJ9hgRlWQdGVSCFP0x29KalHS/QHGWtjRXQrOO5S0nlneeXUZbBHTCqNpQCQg5PV/u9/UY556rS6neJLDIJ2Lwzm4RmAY+YduWJPX7q9fSqtTNxfwoqKkviZ0OnWOgw6DZalrg1GX7RfTWzR2bxptjRYWLgspyw8w/LjDZHzLj5rtz4b0TSN8WsXl4X/te60zz4lVY40i8oeey4ZjjeSYx94dGXHzZ9r4mm07wzbafp+yO5jvJ52me2jdkDpEqmN2BZGBjY5XafunORxkPeTvYRWTPm3hleVEwOGcKGOevIjX8vrXPaTZodP4b8N6Te6Cmpau8z+bfG2EceoW1n5caKjO+Zj+8b94uFAA4OWGRVrSfBlhLcM9wt9qenDVZbGTULB1jhtooymbiRijjaVk3dVACHk545vTvEWpaXYSWNtLC9pJKJmt7m2iuIxIARvCyKwVsHGRgkYz0Fa+k+J7VNJaz1Bkt2F5LdB49GtbxXMioCoSQqIgPL/h4O7GBtGVJTAg0i+lbw/wCKLO3muY9ONms0drJMXVW+124DEAAFtvG7A/DpVrw34b0m90FNS1d5n82+NsI49QtrPy40VGd8zH9437xcKABwcsMisuHxNcafJfJo1tZ2tldys32ee0huSsZYMsZeRCzKNq8HjK5xmmWvijVLO3uLeGS2a2uJ/tD201nDLCJMEbljZCqHBx8oHGB0AptS6AWptI0vSftFxfyzapafbp7K1NjMsPm+VtLSlyrgKQ6YABzkncNo3QeM/wDkfNf/AOwlc/8Ao1qZa+KdXsre4gtblIobif7SYxBHtilwQJIht/dMAeGTaRgY6DDzJpGqSS3+t6rqKahcyvLcCDTY3QszEkg+cnXOfujGcUap3YDLKysLfSY9T1eO5uIZ55LeGC1mWJtyKjOzOyNgYkQABTnLHK7QG6TxBY6DBr2r6l4gGozfavEF3bJHYvHH5ccbBpHJZW3N+9XC4UcHLdK56LxDd6PHPYaFqEz6e8qzIbm1jV0lC48xAS/lOMkB0YNwDkYGJLXxrr1ncXE0N6jNcXn25xNbRSqLjJPmqrKQjc9VA7egoak3cDd0/wAC2sd/NHqMOo31pFq82nT3loRDHZxxFN08pKOApDk4JUAIeTnjL8M+GrbxDfspWa3t7m5W2tWku4Y9hY8tl8GZkBTMaKC24cpkBpNJ8UQLpLWmqzus32yW6NxJpcGoNM0ioGz5xGwgx5yCd27nG0ZpWPi7UNE1Ka48OFLCEzvLbQvGlwbYNxhGkUkHbhSwwWCjOcCptPXuGhBZWVhb6THqerx3NxDPPJbwwWsyxNuRUZ2Z2RsDEiAAKc5Y5XaA3TzeGY9f+Imux3W+JbjWZrWCU3MUKh2lOWHmHMpTKkxoMnePmXjdyuneI9V0qwksrG62W8komCNGj+XKAQJELAmNwD99cNwOeBVqx8a69pupTahaXqC6mne4aV7aKQrI/wB9k3KdhYcHbjIAB4AxUlLoBd+H17aWnizSwqX0WozXiwRXdtcxKsSyYjJ8t4X3HDN3HXtjNQeEvDMev3Cx3W+JbidLWCU3MUKh2PLDzDmUplSY0GTvHzLxuh8L3ujaTqVtqupyX0lzZTieG0t4U2SsmGQNKXyo3DnCNx05PEGieKdX8OuH0i5SFlYvGzwRymJiNrFN6nYSMAlcZAAOcChp3fKA/R/9B0bUNZi/4+reWG2tmHBgeTe3mg/3gsLKO4LhgQVFGhf8TC2vdJuPmiNtPdwMefIlijMhYf76RlCMgHKsclFqrpd/Fbpc2d8rvZXiqsuwAtEwOVlQHgsvI5xlWdcru3Asr+Kw026ECub26UwGQgAQxHBYqRzublT0AQsPm3/LoIz6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACrf2H/iUNfGZMiVY/KXlgGD8n0+4eOvfgYzUrRhmsV0Sa3kmuBcSSJKAsClAVDgDO/PO8c44x0NAEv8AY9v5Xl/b/wDTfsv2ryfJOzG3ft35+9s56Y7ZrJrWh1cwacVWZ5J3iaEqYEUBCCvMgO9wF6KcAEL/AHQDk0AFFFFAEsv+rg/3D/6E1RVLL/q4P9w/+hNUVABRRRQBqaLY2t0t/c34me3sLYTvFC4jeXMscQAcqwXBkDZ2n7uOM5GXXQ+HhPf6RrGk20XnTyWwktoYYh500gmhyoKje6hA7bMlRt3YyuRz1ABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFT/AGG7+x/a/ss32b/nt5Z2dcfe6deKgrft9LvrbR5NXuIriR5YWjt1EbPiMptZ3P8ACoQkL68HoOQDH+w3f2P7X9lm+zf89vLOzrj73TrxUFdR5ca2X2tbWZ7RtN2GduIUOzbtCjq3nDOT3JbbwHrl6ACiiigCWX/Vwf7h/wDQmqKpZf8AVwf7h/8AQmqKgAooooAkkULHEQOWTJ/76I/pUdSy/wCrg/3D/wChNUVABRRRQBoaVoOq648q6Pp9xeGFS0nkxlggwTyexIU4HUkYGTxWfXeeB4ri/wDDuo2txol9eWEKuyXWnRP9oV5JLdJY425QkxDJXGSu4ZAY1Slex8PaTCi2tjq0Q1i8t5bkxruubeNYPlRvm2BgxIYZZc/Kwyc68i5UzL2j5mjkKK7/AMGWcLeFDd22m/b7tdS23CxaTHqMgiCKUVkaRTGjEy5ZRklcbhgZZpdiJp9TTStHuNPiXUJVW5vNIS7igTI2xztLnyBGMlmG44Y5B2jJ7N2QOqrtHB0V2egwX0fhSyvdJ0G01CRdSnW5uLqzWaNIlSAhZGb5UQ5YljggBsMoLZv6fZtLBcTeB9CsdXVtdkjInthcMlthTbqVk5jjbMmXwD8oywxQqdwdSx57RXoUFtpUerWVhY2NjPZX/ia6svOKCVja7rdQiOc8EPkOPmHVWGWzmeE7Sa50mX7NYPG3nkPqMulR3lsBtXAleTiBU5ZmUEkPkj5Rlez1sHtNLnIUV3/gyzhbwobu2037fdrqW24WLSY9RkEQRSisjSKY0YmXLKMkrjcMDPG6ykEeu36WltNaW63Mgit5wRJCu44RgSTuA4OSeRScbJMqM7yaKVFdDoNn4cuLB21y78i4EpCr9qkiyuBg4W1lHXPO4fTucW9WBL+4WzbfbrKwibcWyueDkqpPHcqv0HSoLH2OmX2pM4sLWW4MY3P5aE7eCefrg4HfoKriNzE0gRiikKzY4BOcDPvg/ka6Xw2kt1pN3DLp1zcWsYYrPaI3mhnaJXVTyv3ByMZIyMgE021a5j0/UNO0tINQe3u0EeyzjlaSMeaC+NpJGSvJzjcADzz0KkrJ9zD2ju12OeaCRbZLgriKR2RWyOWUKSP/AB4fnUkNhc3Flc3cMe6C12+c+4DbuOF46nJ9K29HZHsdJtZYIpEutTkikMibiEIhDAZ6Zz94fMMcEc5raRZXl7oupJBYNcIIwY5EtQ7CTzI8gOBn7pPy56ZOKlU1+H6DdR/16mLRXQ6NaT/ZpYxZyQypMUkuZrBZ4lOB8shf/VBeSSAThuR8orL0+LS5fM/ta8u7bGPL+zWizbuuc7pEx29c+3eJRcUmaRldtFKitrTf+QDd/wBqf8g35/s+fv8A2raMeV/455n8OzGfn8quo8EaQ76DaarBYQ3qJqUi30LaW17JPCiwsI0/dOsbHdIMkpksMn5crlKXKrlHntPEMrW7zrG5hRlRpAp2qzAkAnsSFbA9j6V6F4RgjuvDMupQ6Wl9fHVSbpLbRYr9hHsVkTyi6+VGxMvKKM7cblwAYLa8vX03XtM8N6OjNDqsbW+ny6VFPcRwf6RnzFZGZihZFLNkruxkbuZ5xnEWdnPf3SW1qm+V84BIUAAZLEnhVABJJwAASSAKdZaddah9o+xxeZ9mha4l+YDbGvU8nnr0HNaOnfJ4R1p4P+PhpbaKQDk/ZyXZyR2XzUt/m7EqM/Ng5UNzPbeZ9nmki81DHJ5bld6nqpx1B9Kt36ArX1GRxvNKkUKNJI7BURRksT0AHc0SRmKV42KlkYqSrBhkehHBHuK1dBlXT/tWrOm5rRAttnBAuHyEJBB6AO490HPIzPpVlcnRftul20NzP9oaK4Msccogj2qVYq+Qqk78uRgbOo5zLlZlqN0Y1zby2l1LbXC7JoXMci5BwwOCMj3qKu6mtruTUNRk0fSrXUbltbmS4EsKzFUyPLBDfcRiZMsMfd+8MUafpcKSzXWmWsN1ZxarOkkYs2uzNAmwqiHY4UkFsElc5HPGRPtNC/Yu5wtFdZ4R0oave75oVmW4uNkyxWiuI06vuyyrCrA/Kygt8hC4xg0dKsrk6L9t0u2huZ/tDRXBljjlEEe1SrFXyFUnflyMDZ1HOa51exHs3ZMxrm3ltLqW2uF2TQuY5FyDhgcEZHvUmnaddarfx2VhF5txLnYm4LnAJPJIHQGuzsNHXUvGWph4vPSbU5YpVS2EpjjDktuZmAiDA8OAWyrbcYw3OeGbthrVhZNDaywT3cayCa1jkJDMARuZSQMehpc907Fezs1fZmfBp11c2F1ewxbre02ee+4DZuOF4zk5PpRZaddah9o+xxeZ9mha4l+YDbGvU8nnr0HNaui2F7f6FqiQac1zGIgYpEtA7CXzYshXC7s7CflB6ZOKyFlurCWeJXmtpCrQzICUJH8SMPTjkGqu3dEOKVmw+xz/AGD7aEzb+b5RcEHa2MgEdRkZxnrtbGdpxBW14a+abUopv+PSTTbj7QTwo2pviye375YcepwvO7BPDcV9L/a39n6Zaahs02Zp/tSq32eIY3TJkjDrxgjJ5PBqiDFooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKK1LRILmzuM2CpDbwlpLvc5dXx8o67fmfAxt6E+hagDLoq+sFsdAlnVXNylxGrOxwoDLJ8oHf7oOT9MDGTQoAKKKKAJZf8AVwf7h/8AQmqKpZf9XB/uH/0JqioAKKKKAJZf9XB/uH/0JqiqWX/Vwf7h/wDQmqKgAooooAmgu57aG5ihfal1GIphgHcodXx7fMinj0qGiigAooooAsyX8smkwaeyp5UE8s6sAdxaRY1IPtiNcfU1WoooAKKKKACiiigAooooAkjnkhjmSNsLMmyQYHzLuDY/NQfwqOiigAooooAKKKKACtSx1oWtgLK702z1G3SVpYkuTKvlMwUOQY3QnIROucbRjGTnLopNXAnvbyfUL+4vbx/MuLmVpZXwBuZjknA4HJ7VBRRTAtWF/Lp9wzxqkkci+XNBICUmQkEqwGOMgHIIIIBBBAIq0UUAOMrmJYi7GNWLKmeATjJA9TgfkKbRRQAVetdSEFqLa4s7e8hVzJGsxcbGYAMQUZeoVeuenGOc0aKTVxptEtzcS3d1Lc3Db5pnMkjYAyxOScD3qKiimIK0NM1Y6UwlgsrWS5Ri0VxMGZojjAIXdsyOoyp5rPopNX3Gm07oKKKKYi1HfyxabLZwqkazNmaRQd8qjBVCf7oI3YGMnBOdq7S11G5sre4itWSMXC7JH8pS4XBBCuRuUEEghSNwODkcVVooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACtJ9ZL6RHpxsbUQx5KspkDFyMbzh8FvqDjp04rNq6mm+ZAWjurd5hGZDbqWL7QNx5xt4UE43Z7deKACPUVj017P7FbuJCGaVjJv3AMFPDY43Htj1zVKrqab5kBaO6t3mEZkNupYvtA3HnG3hQTjdnt14qlQAUUUUASy/6uD/cP/oTVFUsv+rg/3D/6E1RUAFFFFAEsv+rg/wBw/wDoTVFUsv8Aq4P9w/8AoTVFQAUUUUAFFbmieGTq1nLeXWo2+m2kaykTTq7BmjQEj5FO0ZeJcnGTIAoZvlrMg02+uoHntbK4miRXd5I4mZVVAC5JA4Chlye24Z60+Vk8yK1FXdP0bU9W8z+ytOu73yseZ9mgaTZnOM7QcZwfyo0/RtT1bzP7K067vfKx5n2aBpNmc4ztBxnB/KizHdFKirtjo2p6nj+zdOu7vO7H2eBpM7du7oO29c+m4eoo0/RtT1bzP7K067vfKx5n2aBpNmc4ztBxnB/KizC6KVFWYNNvrqB57WyuJokV3eSOJmVVQAuSQOAoZcntuGetSafo2p6t5n9ladd3vlY8z7NA0mzOcZ2g4zg/lRZhdFKirun6NqereZ/ZWnXd75WPM+zQNJsznGdoOM4P5VSpWYXQUVP9jn+wfbQmbfzfKLgg7WxkAjqMjOM9drYztOC2srq9837HbTXHkRNNL5UZby4x1dsdFGeSeKBkFFXdO0bVNX8z+ydNvL7yseZ9mgaTZnOM7QcZwfyNGnaNqmr+Z/ZOm3l95WPM+zQNJsznGdoOM4P5GldAUqKu6do2qav5n9k6beX3lY8z7NA0mzOcZ2g4zg/kaZb6Zf3du89rZXM8Mau7yRxMyqqBS5JA4Chlye24Z6ii6Aq0VtWPhDXtT0VtUsNKvLi3Eqxp5VvI5lzvyy4XBVShBOeCVHeobHRRdWAvbvUrPTrd5Wiie5EreayhS4AjRyMB064zuGM4ODmQGXRW1Y+ENe1PRW1Sw0q8uLcSrGnlW8jmXO/LLhcFVKEE54JUd6zLayur3zfsdtNceRE00vlRlvLjHV2x0UZ5J4ougIKK2rHwhr2p6K2qWGlXlxbiVY08q3kcy535ZcLgqpQgnPBKjvWZFZXU/k+RbTSfaJTDDsjJ8yTj5Fx1b5l4HPzD1ougIKKu6do2qav5n9k6beX3lY8z7NA0mzOcZ2g4zg/kaNM0/wC3yTNLL5FraxedczBdxRNyrwuRuYsyqBwMsMlRlgwKVFX7HTYrqAy3OqWVgu7aouDIzOQAT8saMQORyQAe2cHFy28MTyTzxahfWWlNDdfYyb12CvKCQwDIrDC4G5s4G5cnkUroLmJRWxYeHZbrzPtt7a6TsuBaj+0PMj3Sc7l4Q428bicBdy5xkVXGkyNY3kmXS609s3VtLGUaNNypuyepDsFZTgjKkZG7aXAz6KntrK6vPN+x200/kxGaXyoy3loOrtjoozyTxUFMAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK2ohp9toTmC+hbUJ0Ik3LKDEn9xMLgs3QknGMjoSaxaKANqIafbaE5gvoW1CdCJNyygxJ/cTC4LN0JJxjI6EmsWiigAooooAll/wBXB/uH/wBCaoqll/1cH+4f/QmqKgAooooAll/1cH+4f/QmqKrCWt3c2ctxFbSyW9oFE0yRkrFuY7dx6DJyBnrVegAooooA7bwNeSW2ja0X1axS2jgWQ6fqEUs0BP2iD948YRlII+TI+cE9gNwz7zxBBbWNsnhyaa1S31u5v7e3fJ8pcQ+QzA5VmG1xyT39eeZorTndrGfs1e52fhzWtPh8KJYXF1aQXdtqRvIxffa1jOUQB0a3bIdSh+8Oj8Ecgxx6nY6lPfyeIbzTJraTUJrkxol0soMhHmPb4ULlgqhRMcAqMgAnPIUUe0drB7NXudZYkDwLpzSa3/ZiQ6tczhVEpkkZYrfDRhBt3rk43MvLdRkkWv7bstfgkM+uP4fl/t2bUihSWRdsoXDIYxzJGUOMhc7+GHNcYZpWgWBpHMSMzrGWO1WIAJA7EhVyfYelMo52Hs0dz/wlljNrun3IuZobT/hKJ9UnidW+SJmhKOwGQWAEg4yRz685Oh3GnNpJt9cuLFrOOdpBBItx9pTcqh2hKDyyzBVAEhKgoMgAnPOUUe0bd2Hs0lZHZ+HNa0+HwolhcXVpBd22pG8jF99rWM5RAHRrdsh1KH7w6PwRyDjXGtRPrup3l9punao93cvLvY3CRglmJKBXRtpz/Fk4A6c1i0VLk2rDUEnc1NNvINOsLuYv51xcxPai1IOwKwGZJOxwcFFHR1DHGwB+h8AajoWnXVtLrN3Db+TfJcy/aVuHGIxmIxLCQC4YyAmTIAZdoPzA8VRWco8ysWdJoNxpzaSbbXbmxazjnaQW8i3H2lNyqHeExjyyzBVAEpKgoMgAnJoNxpzaSbbXbmxazjnaQW8i3H2lNyqHeExjyyzBVAEpKgoMgAnPN0UcoHa+G9b0+HwklhcXVnb3drqRvIxffa1jOY0VXRrZsh1KH7y9H4I5Bq6n4quDbxTWl+n25NeutTcW6uId5EJjkCuORlZMBhkDORzzylFLkV7jNrSZbS40G/0q6vobB5rm3uUmuEkaMiNZlK/u1Ztx80EcYwDyOAbXhq/ktLcb9b0uG2Wfe2m6rbS3EMhwPn2LE6gkfLuBD4yMgHnm6KbjcR0iXGkXtvrWnWtymlWtzqEd1ZtdrIypEgmURnYHbdiVfUfK2TnGdHwBqOhaddW0us3cNv5N8lzL9pW4cYjGYjEsJALhjICZMgBl2g/MDxVFJwurAbWky2lxoN/pV1fQ2DzXNvcpNcJI0ZEazKV/dqzbj5oI4xgHkcA6nhXU9Kg/sM6pf/YxpWrm9kHkvI0qP5AGzaMcGElskYBBUOflrkaKbjcDpNBuNObSTba7c2LWcc7SC3kW4+0puVQ7wmMeWWYKoAlJUFBkAE5q6Z/pXhfV7CLm4EsF8q/30iWVXCjqWAmD+gVHJIxzi0+GaW2uI57eR4pomDxyRsVZGByCCOhB700rAdB4Ui0KLz7/AFq9tftEH/HpY3UUxilf+/KURvkH90csRg4HW5pWqwPYyWl1rVraXUWovONTmt5Z3kSQKHeL5CVcGJGDEK5LDDJg7uQopctxWO1tvENrqn2t5r210SeTVZbxLiaB7h0jnxvERVSFdDGhDYViSMMmDuoWd/8AbNd17xFLH5Fu8V2WTdn57lHjSNTwC2ZC2ODtjcgcYrmaeZpWt0gaRzCjM6xljtVmABIHYkKuT7D0pqKQWNrw1YXF1b6xPHqNxpsFvp8hlmijcpMSPlt3YEBRJggbjgkAAEkCsKiimMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACty3lvI9EkuL24YWLRtDb2jMQs7Y27lQcfKTuLY+8Bzk5GHVv+1dR+z/Z/t915OzZ5fnNt24xjGcYx2oAuxXL3OhXUUl3cXBhhUiGb/VwgSIoZDuPOCBjA4ZueMHHqeW+u57dLee6mkhjxsjeQlVwMDAPA4qCgAooooAll/1cH+4f/QmqKtEaVcz2dtMht1R4yV826jjJG9hnDMD1BqpdWstncGG4ChwFb5XDAggEEEEg5BBoAhooooA2vCfOusp4D2N4jOekYa2lBc99qgljjJwDgE4ByJo1iuJI0lSZUYqJYwQrgH7w3AHB68gH2q7pWpRaYLqUW7y3UkEkEL+aAkayI0bll25Y7XOMMuDyd3Ss+gAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACtG3gsbmCREW4WWOFpWuGdQgIGcbMdzhAd3JIOOdtZ1a39rWi6F/Z0VnNEW+aWVLgfvn7FhsyVB6KCPz5oAbcaXHbaCtzK7fazJGSiuCqxyKxXOOQ3yZx6Mv4Zdakuv3U9ncwzx27vcSB2l+zRg9GB6LyTuzu6jBx1rLoAKKKKAOo0+3tr61trO5t0ctpNzOk+5g8TRfaJAFwdpDFQDuB46YPNY+tf8f8f/AF623/ohK29IKWyWWozSwxJaaZcbGaVRIszG4WFkXO4sJNhyoO04YkYzWP4gmludX8+4keWWS3gd5HYszsYUJJJ6knvS6iW5mUUUUxhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAFuDVtRtoVhtr+6hiX7qRzMqjv0BqCeea5maa5leaVvvPIxZj26miigCOiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/Z)

*Izvor: izrada autora*

1. Napišemo komandu za početak testiranja : vendor/bin/phpunit, i dobijemo rezultat u terminalu

*Slika 29 Greška kod pokretanja testa*

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDmRXhpZgAATU0AKgAAAAgABAE7AAIAAAAJAAAISodpAAQAAAABAAAIVJydAAEAAAASAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGtvcmlzbmlrAAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMTYAAJKSAAIAAAADMTYAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjEgMTM6NTA6MDYAMjAyMTowNToyMSAxMzo1MDowNgAAAGsAbwByAGkAcwBuAGkAawAAAP/hCxtodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTIxVDEzOjUwOjA2LjE1NjwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5rb3Jpc25pazwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCAFHAtYDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDw+tDRbO4v9SFva3aWbGKSR5nZwqoiNIxO0E9EPABrPrW8NX9tpusm5vVR4haXUexw212e3kRVO3BwWYDIIxnqOtG402ndF+TR9VD2TWutQ3lreLKy3UFxJsjEQ3S71ZQ4KrhsbckEbc5xWZfzz2k6x2+t/blK7jJbvMFByeP3iqc/hjnrVqLXLq5vbOK0u7fQILVpHge3EiLAzqA53qHlYttAyS3pwvR/iS8srm1sEhbT576LzBPdadatbxSoSCgKFEG8HfkhAMFOSQcTyx7Gvt6v8z+8q6UNQ1bUBapqbW/7uSVpZpX2osaM7E7QT91T0Bo1AahY+XImptd202fKuoJX8tyMbl+YBgwyMhgDgg9GUlfDVxbW+sk3twltFJaXUHnOrMqNJbyIpIUE43MOgNGp3FtFpVppNpcJeC2nmuHuY1ZUZpFjG1QwDEARDkgcsRjADMcsewe3q/zP7x0MWpLrcemareXWmSuwRjdFk8pmHylwxG1clST2Uk4PQlhBqt9q76dJfS2UsaytMbp5FEQiRnfcAC2QEPGM5qLxC8cmvXDQ6xNraHbi/mR1ab5R1Dktx93n0rfbW9Pl8QW3iCcRF7vTrmO+hY/K915EkZysYVlEmY2JHGZGw3ynByx7B7er/M/vMu/0/VbSC1uLTVP7Tt7pZWSWymkbBiGZAysFZSqkMcgDaQc4qnKNbg1EafONQjvSyoLZ94kLNjaNp5ycjA75Fael+KHh1KJv3WmW1rbXn2WO0Rh5U0tuyBg+S5YsE5ZjjjGAOIfDWt/ZdesH1C+mtbe3tp7SK5hjy1qJVlAcAYJ2vKW659Owo5Y9g9vV/mf3lW5g8QWd9FZXcWpQXc2PKglWRZJMnAwp5OSMDHen3dl4lsHRL621W2aRXdFmjkQsqDc5GeoUck9h1rptFn04SaRo7av/AGhHbW2qS3EsYkjigSS2YbELoW48tnJEeAX4DHNVmvYdJ1Owv7G8RdOt7C9s7G5gkkZ1l8qRtpYxxtu33C4YIAAy8kqxo5Y9g9vV/mf3nM3cur2F09tfve21wmN8UxdGXIyMg8jgg1ZSy8Sy6jJp8dtqr3sS75LZY5DIi8cleoHzDn3HrTdK1Ff7V006lO6QWKlbd1yvlHc8ibinz7fMbLFfn2k7eQK6LVtb0q2tprfRr6IZ0FbMfY450j81rwSyRr5mXxsLZLHBGemdtHLHsHt6v8z+85zUIPEGk+X/AGrFqVl5ufL+0rJHvxjON2M4yPzo0oahq2oC1TU2t/3ckrSzSvtRY0Z2J2gn7qnoDWn4x1y21p5ngu3uWbWL2dWcNnyXEKxH5h0xGQB2CjgcVm+GtQi0vWTdzMihbS6RN8YkUu1vIqAqQQQWYDBGOeeKOWPYPb1f5n95YtrW6utfs9NtNalvluGUPNYx3EpjXJ3Hy2VWYqoLYA6d6hnkaz1+4srvVdQW1gnkiM6RN5hCkgHyndcEkDIJBGT6Yqu9y2tajH9unsbEbdplW1EMagZPKwpySeM7SemeBxpeI4dP1HxdeXdrrli1vf3c84lMdwBApYsocGLOTnHyhueuBzRyx7B7er/M/vKupRalY+JLvR7e8uruWC7e1TYW3SsrlRhQTySOnPWmXMHiCzvorK7i1KC7mx5UEqyLJJk4GFPJyRgY710ceqaVp/xPk1xNYins7y5u28y3inDWwlV1VmBEbceYCdjZ+U4OcZhutZQTaTaWmoaJFZ232kAQrfNEiyoFkR/MBcBxkDy+hZjwTmjlj2D29X+Z/ec/fjW9LnWHUxqFnKy7xHcb42K5Izg44yDz7VW/tG9/5/Lj/v63+NWtd/s77cn9leVt8sed9m8zyd+T/q/N/eY27c7ud27HGKZoN/FpfiTTdQuFdorS7indUALFVcMQM45wKOWPYPb1f5n95bubTV4tYGk2lxe3moJlJoIA7FJVzuRcEl9oHJAxkNjIAYss7XW7t7b97dQQXKySR3EzOsZSMFpGB/iCgEkLk8YAJwKksNOttM8VNDrWpvYxWTeb9oswzPNtwyeQcdXGCrnC4IbPQHZi1/TJ9X07XmuUsbpFlt5dOt0mghtiUcRyRGI5ERZgXUMHyXIDbsUcsewe3q/zP7zIm0/Vd9t/Z+qf2jFcs6JPbzSIgZAGcN5gQqFVlYsRtAOc8HELsYtRjt28R+dA65N1b+cUjbnAYOqtjOMkA4ByAxG2ujh8RWEOp6Ol7qNvL5C3cUtzZ2rm2iSeLYh+zuqrlWLM4RAGGM7mzWTr9yNTtdKs49Um8Qar5kvmXISViQ5RY4VaQB3wVZsbQAZCBnmjlj2D29X+Z/eUoo79dfOk6lqMtjKs7W8jyTZSKQEr8zbsBQ3VhnAyQDjBhiGtz6idPgGoSXoZkNsm8yBlzuG0c5GDkdsGpPE00UuuukEiSrbQQWhljYMkjQwpEzKR1UlCQe4I6dK2Z7rStX1/T9evtSfTTJAJr9rUDzjdRHB8pVUbGkARwzYUM7fMSpFHLHsHt6v8z+85+WXV4bWC5me9jt7jd5Mrlwsu04baehweDjpVlLLxLLqMmnx22qvexLvktljkMiLxyV6gfMOfceta8uq6TqWo6ZrU1ylhcRs0cmn28UkUNsy7mikiKZKxFipcKQ4JcrksMWdW1vSra2mt9GvohnQVsx9jjnSPzWvBLJGvmZfGwtkscEZ6Z20csewe3q/zP7zn7uy8S2Dol9barbNIruizRyIWVBucjPUKOSew60y5g8QWV0La8i1K3uDGZRFKsitsAJLYPOAFY56cH0rso9fh1bxTNLaao6y/a9ZuY7p/MBiia0AifIG4ACM4AGQFHHSqGg6gI77T9JtNW8z+z7bUpk1BTKscJktW4QFd4ClNxIUHczYU4DMcsewe3q/zP7zCS01eDWLfT9auL3SXuMBXvA8YXOQrNuIwm4YLc4AJwcYLLGLUrrU57G4vLq1lgguJHVy25WhidyhBIwcpj2z+FLq99GNH0/Robz7eljJNKLhd4jHm7PkQOA2BsySQMs7ccbm2W162PiC28Rx3H2W7utOuVumiYBkvfIkj3hUUFd5Mb7sY3O3PynByx7B7er/M/vMuw0nxLqOvpo0aahHellEkcokBgViBvcYyqjcCTjoap341vS51h1MahZysu8R3G+NiuSM4OOMg8+1aFrrVpaal4Tu2LyLpao1yiL8wK3csmBnAJ2sp64569aZo/wDZ2keKLZrnVYprZo5F+22kMjfZnZGVJArqjbkYq/HPAwc0csewe3q/zP7x97pHiDT7Gwku/wC0obu+uZYIrSWORJG2iPBAPLbjJgADqvftSuYPEFnfRWV3FqUF3NjyoJVkWSTJwMKeTkjAx3roNJ1PSdF/si2TWnLRT33n3lrBIBb+fbxxJIm7azBSMnhWyrYB+UsWmp6Tp40HT59ae6S1a8d7yCCQpZNMgSMxh9rEo6+aSAME/Lk0csewe3q/zP7znL6x1uK8hsNStdQS5mKmK2uI3DuSSo2qeTk5AxSpodzBrFvp+tRzaS9xgK95EYwuchWbdjCbhgtzgAnBxgzWSRaVr0P2fV9PmjaN1knMc/k7WVleNh5Yk+ZSRlRxuGCDyIdd/s77cn9leVt8sed9m8zyd+T/AKvzf3mNu3O7nduxximklsZylKTvJ3KsOnXc+qx6YkDi9knFuIH+RhIW27TnGDnjnpU+oaPPYam1kjJeMIEuA9srFWjaIS7gCoYAIcnIGMH0rqI/EGmJrC+KJWmW+m051litZ1hc3p/cyOCsfyZjczBtuN5IBJBFTaZq9lqWpaRJp9xd2F3Y6dqFrvurlpmhiW3keKTekakYMjjCgkCNcD1ZJxtzo+p2V0La8067t7gxmURSwMrbACS2CM4AVjnpwfSrUHhvUW1dNO1CF9LlaCS4JvopIwsaIzs2ApYjCN0B5FdFoOoCO+0/SbTVvM/s+21KZNQUyrHCZLVuEBXeApTcSFB3M2FOAzVrHXLPTfsOnz3aajb2MGoESESiF2ntyqwqCFcLuAyfl5kboBuIBk3Ph4Wv2GVtX097G98wJexmVo0ZPvIy7PMVuV/g5DqemSC50COx8TDRbrVbQuJDBLcRh/KhlBK4cuFwAwG5hkAHI3YxTJtQOsvbWMjWOk2ELO8SrG/lxMwG4kgPIxbYoyS2OAMAcP8AFslpc+K9RvNPvYry3vLmW4R4kkXaHdiFIdVO7GM4yOetAGfDp13PqsemJA4vZJxbiB/kYSFtu05xg5456VPqGjz2GptZIyXjCBLgPbKxVo2iEu4AqGACHJyBjB9K6iPxBpiawviiVplvptOdZYrWdYXN6f3MjgrH8mY3MwbbjeSASQRU2mavZalqWkSafcXdhd2Onaha77q5aZoYlt5Hik3pGpGDI4woJAjXA9QDjbnR9TsroW15p13b3BjMoilgZW2AElsEZwArHPTg+lWoPDeotq6adqEL6XK0ElwTfRSRhY0RnZsBSxGEboDyK6LQdQEd9p+k2mreZ/Z9tqUyagplWOEyWrcICu8BSm4kKDuZsKcBmrWOuWem/YdPnu01G3sYNQIkIlELtPblVhUEK4XcBk/LzI3QDcQDJufDwtfsMravp72N75gS9jMrRoyfeRl2eYrcr/ByHU9MkMv/AA9PZa++jQXFvf3kbNGy2xYASKSDGN6rubK8AZ3EgDJOKJtQOsvbWMjWOk2ELO8SrG/lxMwG4kgPIxbYoyS2OAMAcWfEX9nX3jW+uYtViksby5lufPihkJRWdmCbWVSXxgY+7kjLAZIAMCnwQS3NxHBbRPNNKwSOONSzOxOAAByST2qzq2of2pqk155Xl+ZtGC25mwoG52wNztjczYG5iTgZxUVjez6dqFvfWcnl3FtKs0T7Qdrqcg4PB5Hek7203AIrK7uPI8i2ml+0SmGHZGT5sg2/IuOrfMvA5+Yeoqe70TVbC7FrfaZeW1wYmmEM1u6OYwCS+0jO0BWJPT5T6V2lt4s0Oz8dafPp7vZaQjXsrGOFgIJboSKGCoysAkZgVghGDE2zOQzMPieCwuNOjtdR02K3sLXUfsp0o3uYJZrcqvM/K5fbjZwDuJxnNcDxNa9lDo3189PwX3/fdl3OHvLK7067e11C2mtbiPG+GeMo65GRlTyOCD+Nat/4S1XTdP06S8sbyC81C6lt4rKW1dJG2CLBUHltxlwAB1XvnjR0vWNLj1Hw19sungjtdOntpriOEu1nM8tyY5QOCShljkypyMcfMMVe0bVdG0L+xbVNectDPqHn31nbyAW32i2jijlTdtZgpGTwrZVsA/KWdSvWTSUdr9Hr8X3bLu9V80kjkrvRNVsLsWt9pl5bXBiaYQzW7o5jAJL7SM7QFYk9PlPpUF5ZXenXb2uoW01rcR43wzxlHXIyMqeRwQfxrtLXXrHQ7TSLS2197yaxg1SRbm3SVI7d57fZFHGWAfO9dxO1QDJ14JrlbNm1i906x1C+S2tLdTEJ3VcW8O9pHOOC5BdyFzuYkKOcCtKdWo9ZKyXk+76fJaef3jSL0fhWXFit3K9vNe6dc6kiNCeIY45GTkkHLmFu2ApRgWyQILXwxqbeI7LSNSsL+xmumUlWspGlWLJ3SCIDc4ADHjrtNaun+J1u/iFca1PcJo6zQXMVu8asFswbZ4oFHlLnCfu1yq54zVW9uLa50/SvD39swyQWUtxN/aEizeRH5oQ+Wi7DJtBjznYMtI3GBubPnrqXLLqu2z1++2it139TQyr/AEx7bW73T7QTXX2WWVQxgaN2SPOXMZ5TCqWIP3cHPSoLyyu9Ou3tdQtprW4jxvhnjKOuRkZU8jgg/jXY3WqafYfETUtf07XYZkvP7SlgktUnSSB5IpRFnci4Ys6jKk4IJJHWsaRrLWP+EbsWvkto7ezaK8ndeLcfaZ5GODjeQjghVOWJCj5uKuFadouS0sr6O99b/l+P3lire6Bd2VppzvHM1xf2r3qwCE/JACwDk9eRG7dMBNrZOSFfB4Z1BdVaw1W2udMmFnPdqtzbsjMsUUkn3WwcExlc9vfGK3ND1qXWviTdaqkiaUZLO9MDR5VbJFs5VjA8tc4RVUZVc/LnGaNP8RwaN/Z9hFqzzjTYNReG+h81VSW4tiqJEGAcAOqndhfmduMDc2cqtde7bW1/Ru/y0aS89x2Rys+l6hbX0llc2NzDdxKXkt5IWWRFC7ySpGQAvzZ9OelSXeiarYXYtb7TLy2uDE0whmt3RzGASX2kZ2gKxJ6fKfSuq8N38c2raEtnffZZ7LQtQjkuPnX7NJtvJA2VBPCurZUE+nIxUFrrlnYJp2jyal9st7WK/jF6qyeTEbqDygqqyh9ith2O0HLPhTgF6deqpcqjsvP+9+dlp5+WqsjlVsrt/L220zebE00eIz88a7tzj1UbHyeg2t6Gr1j4fvp/E1vot7a3lrcSSqssf2R3miQjcX8oDc2E+bA6gVvw63p2lano76fqrudP0S8tjdRxPGVuH+1FNn8WN0qbW44IJCnIGPdS2eqW/h+0+3w2v2aweGeadJNkT/aJ5ADtVicq69AfvexxXtakntZd7Pz1t8lp5/eWQWvhW+1PxhNoGjJNdPHdNB5rWzpsQSbPMkTBaNRkE5Hy5wazdQ0vUNIuFg1WxubGZl3rHcwtGxXJGcMAcZB59q6fUtR0yx+KEfiO11KHUrN9YN+yWscqyRxiYSYIkRBuIPYkZByRxXMahaQWVwsdtqNtqCldxltllCg5Py/vEU54z0xz1p0alSTXNs0ujvfr/VgdirRRRXWSFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFWdP0+51S9W0slRpWV3+eRY1CqpZiWYgABVJyT2qtWz4VntrbXGkvzi3+xXauBIIy262kAUMQQGJIA4PJHB6UAMufDGrWrwCS2RluIJZ4ZYZ45Y5EiDGQq6sVJUKcjOenHIqGx0S/wBREBtYkKztMqO8yRrmJBJJksQFAVgcnArc0fXrJb6G2isorfT7S21CREup2dpnltSpWRxtByUVQECnkDk8m5pmsaXJYaeZba0sY4/7WEttbXDKWD2aKpzKzlWY5UHoSOATnIBztz4Y1a1eASWyMtxBLPDLDPHLHIkQYyFXVipKhTkZz045FZ7Wk6WMV4yYgmkeJHyOWQKWGOvAdfz+tdFpmtWkl1Bp9tbpYWUcF8sLTz73eW4tjGPMkO1QNwQAhVAHJ7tWhp0kWgWmm2899p8l3HHqlyyRzR3EcfmWojjViMxszNGfkyeCuRzigDjbO2+2X0Ft50UHnSLH5s7bY48nG5j2Azkn0qb+y55Nc/sq0eK7na5+zRNBIDHM27aCrHAwT0Jxwa2bm+vb280K7sNT26u9k/n3jXqxSbxNMPnlZhhvLCAbjnbtHTArTnvpNB+Kp1hNTijsLrVnleayvUl32/nhmDiJicFcHaw5x04oA4erOnadd6vqMNhpsD3F1O22ONOpP9ABySeAASata6+qPfIdb1D7fP5Y2y/blu8Lk4XerMBzk4z3z3pmiXbWerxMsaSCVXt3V5RECkqGNvnbhDtc4Y8A4JBAxQA+90rVPD8lndTDyfN/e2t1bTrIrFWwSkkZI3KR2ORx7UK2r+KNUSOa6mvrvy22vd3P3URWdsvI2AAAx5OOtX/Ec9jDpVhpNjEkb20888gS6W5/1ixABpVwjN+7P3AFClActuplrbT6B4ua0tp9J1N1jkiMn2sC1lWSEhh5pZMfK5HUfMMUAZN/YTadOsVw9u7Mu4G3uY51xkj70bEA8dM5/Oq1bPia1srS+t0sWtPMe2V7qKymaWGGUk/Ijktuwmwn5mG4sAcDAuab9j8J+LJjeX8VzJaR5tbzTo0vIhMwXD4cqG2hmI54dVPIBBAMbVtJvdC1SbTtVh8i7h2+ZHvVtuVDDlSR0I70ywsJdRuXhgZFZYJZyXJA2xxtIw474U498VreLm0yTUrZ9KvZrr/QrVJC8Koq7beJRgq7Zbg7hxtIIyetM8HzCDxGH8y3jY2l0kbXTIIy7W8iqG3/AC4LEDDcHPNAGHRXWan4hvbaTQ5L67i1LWNKuXnM5kWcbNyPHE0qn95hlduGIAkAyDkLH40ewtjZ6Vo8SR2kTTXi4LliJ3zHksenkLbkDqMnPzZAAOdtLSe+ukt7VN8j5wCQAABksSeAAASScAAEnAFPv7CbTp1iuHt3Zl3A29zHOuMkfejYgHjpnP51Pok17Bq8T6ZJbx3BV0DXTRCMqyFWDeb8mCpIweufWuu0ttF07xRoVxLHp+mXg+0LMsF8Li2Rth+zzbz5ojbe2Dktt8sMVAPIBxVhYS6jcvDAyKywSzkuSBtjjaRhx3wpx74qtXo8mrSS6zpa3L2/nw2moRx3d9rFpfNIXt2CRyOAFChycCTIO8jpxWVc35v7rRbPxDqUV3f2ckzyXJlinDIQrQwNMdyNl1f5m3IglGejKADkHmllSNJJHdYl2RqzEhFyWwPQZYnHqT60+ztJ7++gs7RPMnuJFiiTIG5mOAMngcnvXa61MkPi7RJbOe3vbo2GbiWXVopXWQtLy10QqiVEK7WI+UqmN2BmEa7LpXxA0q/k12+ZFaEXhe/N20MQly0Rlj4lUqA+FGPm24JBoA5Cztvtl9BbedFB50ix+bO22OPJxuY9gM5J9KfOsumajcQwXSO0TSQGe1kJSReUYqw6qwJ+oPvWtPL4hPiK2abWvM1IRnybv+2I28tfm+XzvM2r/FwWHX350NYsoT8Rrm7uLyxazu7+4uIHiuoJlkwxdFbllQOSq5kG0biSCARQByFFeg6jeWtl4r0+6W9t55xodyZ5Zr2O9LTNFcbUkk2hZGwY0wQeNq8jBPL+ILz7fb6RczXH2m8eyP2qVn3yM4nlA3nqW2BAM87dvbFAGfp+n3OqXq2lkqNKyu/zyLGoVVLMSzEAAKpOSe1P1DSrvTPLNyImSTOyWCdJoyRjK70JXcMgkZyAQe4rQ8HyRReIwZ/s+1rS6jC3Uoijdmt5FVWYsuASQM5HXqK6jTtRs7TWvDsN6dJ042sl2UitJ0lghZ41EMzS/vfnMgxli2wRodoHUA8+imlgcvBI8bFWQsjEEqwKsOOxBII7gmiKaWBy8EjxsVZCyMQSrAqw47EEgjuCa9ButbZdS097xojJa2Woql1d6rbajJJut22RuyKMgOTtV85LkDjisfw3fT694utG1Kb9/FZXI+2sQZSywyukrO7AF0O3axZcBE5GM0AcnRXo974h1bTIbqRdYuJGg0d7W0v5LuOVp5Hu42k2lJJFWQI4GAxYKitxxhniTWovEGvQG/1WK4SDWr/yMvGy+Uqw+Sg3AoqOU272BXlmbOGoA87or0HUby1svFen3S3tvPONDuTPLNex3paZorjakkm0LI2DGmCDxtXkYJoWurodU0rUbm8imvDot79omuWWRnm23Sosm7O5ivlqA2cjaOmBQBxtFbPiC8+32+kXM1x9pvHsj9qlZ98jOJ5QN56ltgQDPO3b2xVbQ0gk1u2F3KkUasXG8LtdlBKoS4KgMwC7mBUbssCARQBn0V6DqN5a2XivT7pb23nnGh3JnlmvY70tM0VxtSSTaFkbBjTBB42ryME5sFzaaprWgS6re273E1hKs91ePvAufMnEJnPOQD5OdwI2AZG2gDmZLCWPSoNQZk8qeeWBVBO4NGqMSfbEi4+hqGKaWBy8EjxsVZCyMQSrAqw47EEgjuCa6XxNdXc3hvS4dW1hNTv4ru6aQC8+0tChSDaC4JBBwxG0kckZyGAoeEngj8UWj3FzFaFd5guJyRHDPsbyXYgHgSbCcgjA54zQBkxTSwOXgkeNirIWRiCVYFWHHYgkEdwTTK6/Srq/g8c2U3iDWLeW6EEi215dXiXkcEhRxCWcFwoWUq3P3fvY71pf2rNb/wBkvrerWN9qkFpqZMrTR3RSNrdhDHJJyrkyeZhCW4cDvigDhLO0nv76CztE8ye4kWKJMgbmY4AyeBye9Q12Vl4jez8R+F9Vm1SZZGjT+1LhZmaSRRdyZWUj5m/dqnBz8oXtiobK+1G08VC517U4rydNOuxHLNex3i828oRCdzKcscbD13dOeQDmbO2+2X0Ft50UHnSLH5s7bY48nG5j2Azkn0q7b6dcrrV3ZWV5EZLeO53TwSny5EjjcvtYDkMisB2IPPBqaPVtX1TWLSeG98nUo4zGL5rryZJPvHc8zsPm2tsBJHyhVropE+y/E7Ub9bvTHivW1JrWQ3tvLGxeKXZv+YqoYuow+Ac49aAOHimlgcvBI8bFWQsjEEqwKsOOxBII7gmn2dpPf30FnaJ5k9xIsUSZA3MxwBk8Dk967I6xJLcafZ65qMV3qUVtfwNdmdJQFmgKQxNOCQ2HZjksVUSDLDDBWWuqr4d8QeE2j1ZFjtYEjv5LKYsoT7ZK7xtt+8MEZAyG4I3AgkA4qiuv0q6v4PHNlN4g1i3luhBItteXV4l5HBIUcQlnBcKFlKtz9372O9aX9qzW/wDZL63q1jfapBaamTK00d0Uja3YQxyScq5MnmYQluHA74oA8+orfsNavb/xFY3Nz5U93FG0bXFxcrDJJ98+YZpDgSqGwjn7pSPg4wWeLJmn1WJ5NRuL2TyAHFxei8aA7m+Tzl+VxjDfLgDft6g0AYdFXNW07+ydUmsvtlpe+Vt/f2cvmRPlQflbAzjOD7g1ToAKKKKACiiigAooooAKKKKAHwzy27l4JXiYqyFkYqSrKVYcdiCQR3BIplFFAD4Z5bdy8ErxMVZCyMVJVlKsOOxBII7gkUyiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAJrS6ksrpLiFYmdM4E0KSryMcq4Knr3FF5dz399PeXb+ZPcSNLK+ANzMck4HA5PaoaKACiiigAooooAKKKKACiiigAooooAKKKKACprS7nsbpLi1fZImcEgEEEYKkHgggkEHIIJByDUNFAFzUNVu9T8sXJiVI87IoIEhjBOMtsQBdxwATjJAA7CqdFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAF3S9O/tO6aHzfK2oXztz3A9ferOqaH/Zlqs32jzdzhMbMdifX2rf+H9tc6X42nhv47mwuIbC4LhoyssX7kkEKcHOMEdO1P8AHlz9rtIX+3Xd7h1HmXa4YcNwPmbj8e5rllOSqpX0PboYejPAzqOHvJXvd9/uOHoqa7s7mwuntr+3mtrhMb4pkKMuRkZB5HBBqGuo8QKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiirOnXctjqMNxBd3Fkytg3FqSJI1PDFcEZOCeMjPTNAFait/xXL9pbS7rz5rvz7It9ruRia4xPKu6QZbDDbsHzN8qLyPujDhhluJ44beN5ZZGCJGilmdicAADqSe1AAYZVgWZo3ETsyLIVO1mABIB9QGXI9x60ytzxZcWjarFp+lskllpcAsop1/5blWZnk+8ww0juwwcbStZmnXctjqMNxBd3Fkytg3FqSJI1PDFcEZOCeMjPTNAFait/xXL9pbS7rz5rvz7It9ruRia4xPKu6QZbDDbsHzN8qLyPuihoNhFqniTTdPuGdYru7igdkIDBWcKSM55waAKTwyxJG8kbosq742ZSA65K5HqMqRn1B9KZVy71J77WH1C6giffIHNuNwiCjpGADkIFAUAEYAABGK6xG+1/EqxlkkignbTreWBxHtVLgWCNEQiDn94Ewiqc8KFOcUAcPU1pZ3N/dJbWFvNc3D52RQoXZsDJwByeATXfW88Gqah4dun1C7nv1+2LbXupZ81yib7ZvLUuSBOzqoy5cqV54RWNcy6umjxwTvqU94tzbXE2uSmITWkZSYO+19yRo4lO4OSTEwyQPLABwkdncyxrJFbzOjb8MqEg7F3Pz/ALKkE+gOTUNdf4wuNSvNRTXhcIiwtEIREoimt1k3TQvJsAXzJBvlJQnDE528LWN4mhii113gjSJbmCC7MUahUjaaFJWVQOiguQB2AHXrQBk0UUUAFFFFABRRRQAUUUUAFFFFABRRRQBs6br9xDrE2o6jc3VxPNEY3maQvI2QBgknJG0Y+nFO1rWrfUbNIoElVlkDEuABjBHY+9YlFZOlFz53udsMdWhQeHVuVk13eXN/dPc39xNc3D43yzOXZsDAyTyeABUNFFanEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABU1peXNhdJc2FxNbXCZ2SwuUZcjBwRyOCRUNFAE13eXN/dPc39xNc3D43yzOXZsDAyTyeABRaXc9jdJc2j+XNHnY4AJQ4xuGejDOQRyDgjBANQ0UAFTWl5c2F0lzYXE1tcJnZLC5RlyMHBHI4JFQ0UATXd5c3909zf3E1zcPjfLM5dmwMDJPJ4AFQ0UUAaF/q0t5qq6pHvt75m86aaOQjdNuJMi4+4ScHAOA2SMDCgute1i+nt5r3Vb64ltm3wSS3Lu0TZBypJ+U5A5HoKz6KALlzrGp3l9Fe3eo3c93Djyp5Z2aSPByMMTkYJyMd6LvWNTv5Hkv8AUbu5d4xE7TTs5ZA24KSTyNwBx0zzVOigC5BqL/6LFqBmvbO13mG0edhGpbnA9AWwWC4JGeQeRDeXc9/fT3l2/mT3EjSyvgDczHJOBwOT2qGigAooooAKKKKACiiigAooooAKKKKACiirNhdQ2k7SXFhb3yldojuGkCg5HP7t1Ofxxz0oArUV1Gry6Tp3jyS3XTLeystMv5UPlRyXJnVH+USJJLhgdoBAK8MevAom0K0ufFniWPUb5NPt9MaeVmtbPcrETiMIke4bQS4AG7A4ycc0AcvRXa3PgC2HiG10vTtZe6D3dzazzGxZfLa3jSSTYiszSHDEAYGWXA4INZPiTwu+gWthc7rvy7zzFEV9ZNazRshGQUJIIIZSGDHqRwRQBgUVc1a2srPVJoNK1D+0bRNvl3XktF5mVBPyNyMEkfhmrXhjTl1XxDb2zwPdKqyTm2TO64EcbSeUMcgvs25HI3ZwelAGTRXcDw5aXuoaNLFY2m6T7ULnTtNuJJ1ma3QTbBJvb5pEdU+Rm29euVXJ8S6bbW+nadfW8NjayTNNbz29jcNPGrx7GDbyzDJWVBhWYDb1ySqgHO0V0Wn6LYXPjVdP064fW7KNXnUpA8TXYjiMpiC/eUsVKZ5POQD0rWHhy0vdQ0aWKxtN0n2oXOnabcSTrM1ugm2CTe3zSI6p8jNt69cqoBw9FdF4l022t9O06+t4bG1kmaa3nt7G4aeNXj2MG3lmGSsqDCswG3rklVw7SWCG6SS6t/tMa5JiLlA5xwCRzjOMgYJGQCDyACGiuyt9Fs77UNFFzpX2Ce+jnmWygS4kSWJUzBIVBeTDurhtpzsUEBchjN/YunJeaXNf2Gn27XMd5mBLqQWbmOLMP79pNpYyHDbJSB8oO05FAHD0Vp67C8N8gfTrSwBjBVbOZpopRk/Orl3Dc5U7WwCpHUGsygAorW8M2tpd66g1KF7i1hgnuZIUk2GURQvJs3YOASmCRzgnFdXqngawGp6XoOmXCNcJd3dveaiivJ5wiiimJESlsModk2LyWXnBPAB59RXazeAra0tje6jqV9YWQtJZ2F1pbR3AdJI02eWXwQ3nJhgxHJBxg0y/8DWVtrUNlba95sIubqC7uZbNo1g+zRpJKQoZi+AxAHGSvoQaAONorpYvC1letZS6frObO6juy0tzatG0D28XmMrqpbIKlDuUsfmPGRg0P7KsZNa062g1VPsV8yA3MyKjW6mQoxkQMQpGC2N3KlTkZwADJorW1fw/c6JZWz6gyR3U088Ztg6syLEwTeSCeC4kUf8AXMkZzVXVrays9Umg0rUP7RtE2+XdeS0XmZUE/I3IwSR+GaAKdFTWksEN0kl1b/aY1yTEXKBzjgEjnGcZAwSMgEHkdNJoNvqH9lyXFvF4f+0RyXNwQsrRRWg27J8MzNudvMUDcNxEYAG4FgDk6K2fFcFlB4gb+yrT7FaS21tPHb+a0nl+ZAjkbm5PLHmmeGNOXVfENvbPA90qrJObZM7rgRxtJ5QxyC+zbkcjdnB6UAZNFdwPDlpe6ho0sVjabpPtQudO024knWZrdBNsEm9vmkR1T5Gbb165VcnxLpttb6dp19bw2NrJM01vPb2Nw08avHsYNvLMMlZUGFZgNvXJKqAc7RWt4ZtbS711BqUL3FrDBPcyQpJsMoiheTZuwcAlMEjnBOK7G78JaNp2qWWmwxW+oS2zajDcXEk7Rx3UkVskybsOBGEZ9hww+4SSOgAPOKK6LxLpttaadp11HDY29xcNMssOnXDTwoq7NuZCzjzDuYlQ5wvlkgE887QAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAGhPqpu9fuNVvrO3uWuZ5J5Ldy6xlnJJHysGABOR83YZzVzUvE8moTahKumWNpLqSst08HmkyFpUlJw8jAHdGOgAwx46Yw6KAN8eMdQGqLfeTaFxe3N40bxbo5DcKqyxspJyhVcY64J56YzNQvre88v7Npdpp+zO77M0p35x18x26Y7Y696p0UAXNW1H+1tUmvfsdpZebt/cWcXlxJhQPlXJxnGT7k0zTr+XTNRhvIFR2ibJjkBKSL0ZGA6qwJUjuCR3qtRQBst4klW+sJ7SxtLSGxzstIvMMMm4nfvDOS28HY2TyoC9AKranqp1FLeKOzt7G3t1IS3ti+zcxyznezEseATnoqjoBWfRQBrS+IJX8SjWYLGxtW3KTaW0JS3KhQrIUB+6wyGGedzetPbxJKt9YT2ljaWkNjnZaReYYZNxO/eGclt4OxsnlQF6AVjUUAaGp6qdRS3ijs7ext7dSEt7Yvs3Mcs53sxLHgE56Ko6AVNLrqzeJRrD6RpgAZW+wpAVtshQB8gYcZGSM4JznIJFZNFAG/qPi241HXjrD2NpFdyeYLgo0zC4V12Mjb5GwNhKjZtwDxjAxWm1xJntk/smxSyt2eRbJWm8tncAMxYyb84VOAwHyjjk5yaKANPUdW/tm+tTdxRWVpbxpbxxWcPywxAknaGbLNlmYlmySTk0eIdRttW164vLCzisreTaEhhiEajaoUsEBIXcQW25OM4yepzKKALNhfy6dcvNAqMzQSwEOCRtkjaNjx3wxx74q7pniK70oWQt47d1s55pQk0e9ZRKiRyI4PBUqmMcH5jz0xk0UAa02uIba5hstJsbFbqDyJTA0zFl8yOQH55GwQYx07E+2LI8Y6gNUW+8m0Li9ubxo3i3RyG4VVljZSTlCq4x1wTz0xgUUAbkvimci3jtLCxsre3guIkggRtuZ0KSOWZizNtIAJYgbV4x1ybSCO5ukimuorRGzmaYOVXjPOxWb24B61DRQBs+KdW/tfXJJEm+0Qw5jim2bfN+ZmeXGAV3yM8m0/d37RwBVLVtR/tbVJr37HaWXm7f3FnF5cSYUD5VycZxk+5NU6KALOnXi6fqMN29pb3ghbd5F0paNz23AEZGecZwcc5GRWtqXjHUr/WJNVtf+JXfzbvPuLG4nVpgcfKS0jYA2jAGAPwGMCigDT1rxDqfiCaGTVbuafyY1jjV5GZVwiqWAYnDNtBY9zk0+XxBK/iUazBY2Nq25SbS2hKW5UKFZCgP3WGQwzzub1rJooA2W8SSrfWE9pY2lpDY52WkXmGGTcTv3hnJbeDsbJ5UBegFVtT1U6ilvFHZ29jb26kJb2xfZuY5ZzvZiWPAJz0VR0ArPooAs2F/Lp1y80CozNBLAQ4JG2SNo2PHfDHHvirum+IZ9Nht4lt7eeKBrltkwbDieJYnDFWBxtUYwQQSeayaKANDUdVN/BDbw2dvY2sLPIkFuXK72Chmy7M2SEQYzj5eByc59FFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVZsI7GSdhqdxcW8W3Ia3t1mYtkcYLpxjPOfwoArUV1DeF7E+K7jQrG7vr64t1vEdRaLGWlhidkCYdywZkxjAOOnJ4yk8PapLrFvpcFr9ou7rHkLBIsiyjn5ldSVIGGyQcDa2cYOADMorZfwlra3VrbpZee95HJLbG2lSZZhGCXCMhKsw2n5Qc9OORmFPD2qS6xb6XBa/aLu6x5CwSLIso5+ZXUlSBhskHA2tnGDgAzKK0NT0S/0dLeS+iQRXSloJoZkmjkAOG2uhKkg9RnI4z1qrBaT3MNzLCm5LWMSzHIG1S6pn3+Z1HHrQBDRVmPTruWC2lhgeRbqdreAJ8zSSKEJUKOc/vE7c54qd9Ev49RjsjEjSyrvjaOZHjZBnLiQEptG1stnC7WyRg4AM+irN/YTadOsVw9u7Mu4G3uY51xkj70bEA8dM5/OoYYmnnjiQoGkYKC7hFBJxyxIAHuTgUAMorQ1rTF0jU/siXSXa+RDMJkQqrCSJZOAecfNjkA+w6VVtLO5v7pLawt5rm4fOyKFC7NgZOAOTwCaAIaK3/Emg/2Rri6NbadqC3aSNEHnOftnzbVeJAgIDEHAy/UDJxk1rbRXi1+zstU2JBKyu8kV1CFeLJ3FJWbyyflYA7sbhjqMUAZNFad7bWemeJry1ura7a0trmWIwmZEmAUkAFwrLuGBnAIODj1p+qaK0HirVNK04PKtlPcqu9huMcO4kk8DIVCffsO1AGTRWhbaHqV7PaQ2lo80t5A89vGhBaRELhiBnrmN+OpxwDkZenh7VJdYt9LgtftF3dY8hYJFkWUc/MrqSpAw2SDgbWzjBwAZlFaGp6Jf6OlvJfRIIrpS0E0MyTRyAHDbXQlSQeozkcZ61Hq2k3uhapNp2qw+Rdw7fMj3q23KhhypI6Ed6AKdFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAb8uu2z+MtX1YJN9nvft3lqQNw8+ORUyM44LjPJ74zU2leI7Ox1LQpriCaWGxsprS5UKhJErz5ZQwKthZgcMMEgg8c1zVFAHWT+JLQXEPl3U1zbx217GI10q3sgjzQGMNiJiGyduSeQF4z0rM8Oa2mla9Z3Woia5tIY5LcxgqxSORXVtquCpx5jNtIwTnPU1jUUAbniHVodQgtYbS8eeKFpH8s6VBZKjMFBIETHcSFGScY2imeGtYttHvJ3v7T7XbzRorxEAhtk0coUg8EMYgh9AxODjacaigDqJ/E9jeS6YbuzdxC0k1yzBXzM8MUXmbTxId0ImIbG9nZW4yzSat4g0281zSZrC4u7a3srL7PLMNPgVmYtIzYgRhGUbzMFSeQTndznk6KANPXbyzvr5JLCPAWMLJL9nS385sk7vKQlEwCq4U87dx5Y1nwiJp4xcO6RFgHZEDMq55IBIycdsj6imUUAbPiS70y+vIJ9Knu5NttDBItzbrFjyokjBG12znYTjjHTmsaiigDcuNXsbnxxe6tNbvJZ3N3PMiOisybyxRihO1ipIbYTtbbtJwas+IdV0fWtS0tYpbuGztbIQTSixhjYvvkclYY2VACXHGQeucnk81RQBv67c6Hqvia4v4bzUEt725mnmD2KbodxLKFHm4fk4JJXHXnpVm91rRz4vutXspb6WLUGuxOktskbQLOjplcSNvKiQnB252gZGcjl6KAOlfXdMhurEWaXZt7TSbqxJlC7neQXGHwDgAmZTjJK8jLYyafhzW00rXrO61ETXNpDHJbmMFWKRyK6ttVwVOPMZtpGCc56msaigDc8Q6tDqEFrDaXjzxQtI/lnSoLJUZgoJAiY7iQoyTjG0Vn6t/Zn9qTf2F9r+wfL5X2zb5v3Rndt4+9nGO2Kp0UAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFaEui3drq40zUQlhdFVYrdNsClkDqGP8JIIHzYAJ+YrgkUpoZbeeSG4jeKWNijxupVkYHBBB6EHtQAyirNhYTajO0Vu9ujKu4m4uY4FxkD70jAE89M5/Kp9W0W90SfydQ+zrLuZGjiuopmRlOCGCMdpz2OO/oaAM+iiprO0nv76CztE8ye4kWKJMgbmY4AyeBye9AENFFWdOsJdU1GGxt2QT3DeXEHJAdz91c9ixwATxkjJAyQAVqKs6fp9zql6tpZKjSsrv8APIsahVUsxLMQAAqk5J7UX9hNp06xXD27sy7gbe5jnXGSPvRsQDx0zn86AK1FFTWdpPf30FnaJ5k9xIsUSZA3MxwBk8Dk96AIaKKKACiirOnWEuqajDY27IJ7hvLiDkgO5+6uexY4AJ4yRkgZIAK1FWdP0+51S9W0slRpWV3+eRY1CqpZiWYgABVJyT2ov9PudNnWK6VAWXejxyLIjrkjKupKsMgjIJwQR1BoArUUUUAFFFWZLCWPSoNQZk8qeeWBVBO4NGqMSfbEi4+hoArUUVpy6L5V9ptt/aWnv9vjik81J8x22842ynHyMvVhzgUAZlFaC6PNLqtzYW9zYyNbsymY3kcUUgVsZR5CoYHqO5HOKNW0W90SfydQ+zrLuZGjiuopmRlOCGCMdpz2OO/oaAM+iiprO0nv76CztE8ye4kWKJMgbmY4AyeBye9AENFFFABRRRQAUUUUAFFTWkEdzdJFNdRWiNnM0wcqvGedis3twD1p+pWEul6rd6fcMjS2k7wOyElSysVJGccZFAFaiirMlhLHpUGoMyeVPPLAqgncGjVGJPtiRcfQ0AVqKKsyWEselQagzJ5U88sCqCdwaNUYk+2JFx9DQBWooooAKKKsyWEselQagzJ5U88sCqCdwaNUYk+2JFx9DQBWooq5qOnf2d9l/wBMtLr7TbJcf6NLv8rdn5H44cY5HbIoAp0UUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFTWZnF9AbSXyZxIvlS+aI9jZ4beSAuDzkkY61DWnoGktrWpG0jjmlcxllSBcsSMdsHtmgC54utjFqVtKJ7SZGsrWLNtdxTYaO3iRwdjHGGBHPXHGah8WceJJ0f/XxRwxXRPU3CxIsxJ/ibzA+W53HJyc5rcHhiTQ7+ORheWd0q7ozKgVlzkbl3LwRzhhyCMggjNUv+Eas/wDnpP8A99D/AAoA5eu1sb+xT4yXl7LdW627X920Fy7KYw7eZ5T7irKAHKEMVIHBxgVS/wCEas/+ek//AH0P8KP+Eas/+ek//fQ/woA1tS1a5l1TRA8cU89v56rdXWvWtxMVZRgeeoURshLNGz5wzcZxiqw12XSviBpV/Jrt8yK0IvC9+btoYhLlojLHxKpUB8KMfNtwSDVSPwrbTSrHE1y8jsFVFIJYnoAMcmm/8I1Z/wDPSf8A76H+FADI7jWI/FlpLqt7FqN2IyEll1aJ9ikMMrOXKxuuSyknhtpweAa3iyZp9VieTUbi9k8gBxcXovGgO5vk85flcYw3y4A37eoNXP8AhGrP/npP/wB9D/CpG8JW62qXDNOIpHZFbevLKFJGMejL+dAFx7yyfxVF4jCRC31TTrya4hk3LELo28qyxZ3k/M+GA3BsTJjGRWf4W1Ow/wCE5sLqW1sdKiRXVCrP5aSlHEchaXzNpDlPmIIXAOODR/wjVn/z0n/76H+FOj8K200qxxNcvI7BVRSCWJ6ADHJoA0dYvV1DUdDh1R0/0ZpiLq41W1v5JujJC8irtVd4IBlDKPMYnKqRU19rEWi+OvDl9DqzgeRAdTuItQF27L9oZmSWWMDzCECAjB4VQMgAnG/4Rqz/AOek/wD30P8ACnR+FbaaVY4muXkdgqopBLE9ABjk0ANt7m/TxOv/AAkOqJdzy2FzbxzvqCXKgyQyoimQMyqN7dyAM5OBzV2C5g0rUdGAvbGZ7TQ72ORldZY1lP2siM5+Vjl1GOQ2RjcCCaX/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UASeGde+1+NtLvNbuIhJDHJGL25bLNKVk8qSR2V/mV2QBypChF4wtHjTUJby10yK5XzJIPNAuZdWgv5nUlSEZ4gCAp3Ebs/fbHAxUf/CNWf/PSf/vof4Uf8I1Z/wDPSf8A76H+FAGg721/4qi1m3eK3TWtOvGl8xxFFFdtbypJHvdyBlyrjJGBKnAyKZoVzBpV/o+nXF7YxXlvPeTrcs6zW9vLLAiQFnG5SVkjViRkLlcnIYLS/wCEas/+ek//AH0P8KP+Eas/+ek//fQ/woA37N5r2/0K31vV7e81SKDUZDdRXEc8ltH5BaEtNuCllkWR1zJ8uQcr2oazPcXeuaJDq2pTXdnaRusN5c3MUy3MoZpNrHfJEjEtHGdzMAuxmG3iobXw6NP8nULeaeMF3jRyUYMQo3qVI5BVwCCMEMRzzTtQ08an5YuZmVI87IoIYoYwTjLbEQLuOACcZIAHYUAWtVTTJvGGirdX9pI8mnN51zdXq3qpckzeV58qrh9rGIHIKhQAcqMmG5nkurfQoPEGuxX13De3Uj77xLnYPLhMcTO26MB2XG47kXcS33WUUY/CttNKscTXLyOwVUUgliegAxyamm8Em3uo7a4gvop5MbInTazZOBgFcnJ4oATxhetY61pV3pepOb5bANPdQaiLmZZDJJw86BdzBCq+wAGSACWahfavezeGruHU5l1J9OkxeTXvlNxcXA5ldhj5Rjk+3tVuLwnLpWqQhra5S6P+rhubZJN+7Kj926EN3xweenIqTXtEu7u/R9ea8SdYVjijkjWEJGvCqiBQFUYPAAGc980AYfjS2KeK9SvEntJ4Ly9nlhe2u4psqXJBIRiVyCPvY/Q1rWN/Yp8ZLy9lurdbdr+7aC5dlMYdvM8p9xVlADlCGKkDg4wKrQeEre5kKQtOzBGcjeo+VVLMenoCaj/4Rqz/AOek/wD30P8ACgDW1LVrmXVNEDxxTz2/nqt1da9a3ExVlGB56hRGyEs0bPnDNxnGKrDXZdK+IGlX8mu3zIrQi8L35u2hiEuWiMsfEqlQHwox823BINVI/CttNKscTXLyOwVUUgliegAxyab/AMI1Z/8APSf/AL6H+FAGVrr6o98h1vUPt8/ljbL9uW7wuThd6swHOTjPfPepvFst7P4ou5NV1K01S7bZ5l3ZsrRSfIuNpUAcDAPHUGr/APwjVn/z0n/76H+FH/CNWf8Az0n/AO+h/hQBoW8uoz/E67kvtS0/VL9rK5zdwtG1tIfsT7eSAmAMA5GODnvT49dmS6sE1nULe91OytNR3XMkkdwux7ZvKhaTlZTv3nblh+8C9cqKVrosVlM0ttcTo7RyRE5U/K6FGHK91Yj8ah/4Rqz/AOek/wD30P8ACgCTwzr32vxtpd5rdxEJIY5Ixe3LZZpSsnlSSOyv8yuyAOVIUIvGFrfW6bVPEGj2942JLe2vyl/Jq1tfzr+4Z0JkTZt8twXUuwwScMAOMC38JW91dRW9u07yzOERd6jLE4AyR61Mnh0aNqjbZp4bm3do3BKMM8qykYIYEZBByCCQcg0AM8Vf2nqt3pVlLfvexQwPFDe3l/CUmfc0jkuJWjRgGRcFycKh/iUVfj+z2Pxdk1O6vdP+yXV7dyWtwl3DKqMwfynYrv8AL+dkIZl4xnHymquoaeNT8sXMzKkedkUEMUMYJxltiIF3HABOMkADsKp/8I1Z/wDPSf8A76H+FAGze3sOo6vottrD26+UtykV9f6rBqB3smYRK8S/6tZcHDgjDN/CCKxvE11dzeG9Lh1bWE1O/iu7ppALz7S0KFINoLgkEHDEbSRyRnIYCRvCVutqlwzTiKR2RW3ryyhSRjHoy/nVrSdB8i+xpsbXM8ilRHJaxXOR1OEdGGeOoGcZ96AOf8MJaS+IbePUJbeGNlkWOS6GYklMbeUX4I2iTZnIIxnIxmuus9SnjuNBGt+ILS51GG5v9k9zdC6W0keCIQM7fMuBIA2RuUc55VgI9U0O6uWisb+zNvK7Bo44tNgt5HJyBjZErEHnjoT9Kz5vBJt7qO2uIL6KeTGyJ02s2TgYBXJyeKANezea9v8AQrfW9Xt7zVIoNRkN1FcRzyW0fkFoS024KWWRZHXMny5ByvahrM9xd65okOralNd2dpG6w3lzcxTLcyhmk2sd8kSMS0cZ3MwC7GYbeKYPDEmh38cji8tLhVyqzIBuU5BBVlwykZBBBBGQcjNJqGnjU/LFzMypHnZFBDFDGCcZbYiBdxwATjJAA7CgC1qqaZN4w0Vbq/tJHk05vOubq9W9VLkmbyvPlVcPtYxA5BUKADlRkw3M8l1b6FB4g12K+u4b26kffeJc7B5cJjiZ23RgOy43Hci7iW+6yjP/AOEas/8AnpP/AN9D/Cj/AIRqz/56T/8AfQ/woAn8YXrWOtaVd6XqTm+WwDT3UGoi5mWQyScPOgXcwQqvsABkgAkurltTvvC1xrN68rtYO7TXThzKy3NxsRmkyoDFVTc4KqDkggEUlpolvZXSXELMzpnAmjjlXkY5V1Knr3FTapYHWbpbjUbueV0jWKMAIixoowqqqqFUD0AA6+tAFPx2YDqGmtDdJdTtYK1zL9uW8fzDJIcSTKAGYLsXpwAACQATy9dR/wAI1Z/89J/++h/hR/wjVn/z0n/76H+FAHL0V1H/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UAcvRXUf8ACNWf/PSf/vof4Uf8I1Z/89J/++h/hQBy9FdR/wAI1Z/89J/++h/hR/wjVn/z0n/76H+FAHL0V1H/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UAcvRXUf8ACNWf/PSf/vof4Uf8I1Z/89J/++h/hQBy9FdR/wAI1Z/89J/++h/hR/wjVn/z0n/76H+FAHL0V1H/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UAcvRXUf8ACNWf/PSf/vof4Uf8I1Z/89J/++h/hQBy9FdR/wAI1Z/89J/++h/hR/wjVn/z0n/76H+FAHL0V1H/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UAcvRXUf8ACNWf/PSf/vof4Uf8I1Z/89J/++h/hQBy9FdR/wAI1Z/89J/++h/hR/wjVn/z0n/76H+FAHL0V1H/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UAcvRXUf8ACNWf/PSf/vof4Uf8I1Z/89J/++h/hQBy9FdR/wAI1Z/89J/++h/hR/wjVn/z0n/76H+FAHL0V1H/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UAcvRXUf8ACNWf/PSf/vof4Uf8I1Z/89J/++h/hQBy9FdR/wAI1Z/89J/++h/hR/wjVn/z0n/76H+FAHL0V1H/AAjVn/z0n/76H+FH/CNWf/PSf/vof4UAcvRWzq+kW+n2aywvIzGQL85BGME+ntWNQAUUUUAFdb8Nk83xZInlSTbrG5HlxHDPmJuBweT9D9K5Ktjwz/yEpP8Arif5igD0a2025TxDAlppclsUTzZI9VAdAgzud8ooCY74znoc4q9DYxT3VnLp1gt1pZguUgEkatK8oidtkpTnfkAqM/d2kc5rk6sWM00N2Pssfmyyo8KptJLeYpTgDvhuPegDpLOKK41bSodVsbaG/DTB4PJWLf8AJmHfGCq7i+Rg7dw254IJdLaRzappcUmnSRXP74g3Vilml0yruiQpuKn5/lPTIYD3rl0s7qW8NpFbTPchiphWMl8jqNvXIwfyqOSN4ZWjlRkkRirIwwVI6gjsaAN6wub2w8V6fJqltDZEyRhhLZRwgR7xlsbQAeD83XjrTtNt55vFlnFrdjHC7IxjgktVhWRgrFMoNgbLgDkjPTNc7TjG4iWQowjZiqvjgkYyM+oyPzFAHVXNhFd6hpttNp80NwyzANPZrZLcsF3RpgNgnd8pI2nDAdeao60LxdCsBqEEdvN9puP3aQpEVG2H7yKBg/UZxg9MVg0UAXdIXfqkK/ZZLondiOOPzGztOGCfxbT8208HGDwa2Ypn03xhpz3DQRqzxbxNZRQNEnmc70AwjcZDZztKnIziuZooA1za3lxrlvDqlottIV3eU1oIfMUZOAihdzNgqOhJwMjtrzINF8WaLJIkcBnSKS4a4tY4toMx+bYMrGQqryMEYycEmuRooA24obqTWhFq1isEz2syxQtaLDvYxuEwoUZYvgA4znA9KlNibW90eGSwaadrVzJDFGJH3+ZKAxUfeZcAlT/d2nHOMGON5pVjiRnkdgqooyWJ6ADuaJI3hlaOVGSRGKsjDBUjqCOxoA0deikhvkEu0Exg7PsqWzpyeHjXgN375Uqe+A3QbdbnW7eNljdvmaOOUgLJIFJRDnjDMFXHfOKzqKAOgsYLqTxPbR6tp8KTmNzDbzW626SuFYxgqAoILgDnr0q02mvdSaVFqdjBbX032gCEKtuZgqgxB1GAu59yZwpI79DXK05I3lYrEjOQpYhRngDJP0ABP4UAdjZwSzS6NFrNpAkhubrbbtBHEC3lRlA0Y2DJbHDEbgR2IrK8RxrHBZB7Ce3nG8PLLYC0Eq5BX5VJUkZOSMcFawaKALFhb3d1fR2+nLI9xNlFWM4JBBBGfTGc9sZzxXTDT20nWNO0qYTgL5+25MBXdcum0eVuxkKwiw3HzZOQMY5GigDrooo4bvSLSe0nsJz9oEKy5eZQ67YmydoB83eVHygdeM7jma5GLfTdPt3sprKZWlZY7hi0vlErtLHA43iXAAHrjnJxKKANXw2rNrW1IfPY21wBFgnzD5D/AC8c89OOa0dizS2kOoWUEGomG6RoVgEbNmI+TlAAA5ckDgMflPcE8zTo43mlWOJGeR2CqijJYnoAO5oA6S0B0bWvD/nJBAzIn2gyojbf9JfJJIO1gABnhlxjjFY2qLfLdKNStPssuwYT7KsGVyedoUZ5zz7e1VJI3hlaOVGSRGKsjDBUjqCOxptAGjoaxtqbGeGOdFtrh/LkBKsVhcjOOeoHTB9Ku6LJb6n4lsvtNrAG2OGXaqpNKAxT5AVXk7F25AYjk/Maw443mlWOJGeR2CqijJYnoAO5okjeGVo5UZJEYqyMMFSOoI7GgDrJbSObVNLik06SK5/fEG6sUs0umVd0SFNxU/P8p6ZDAe9U9Nt55vFlnFrdjHC7IxjgktVhWRgrFMoNgbLgDkjPTNc+Y3ESyFGEbMVV8cEjGRn1GR+YptAHTapFOs+nraaTOL796My6SsQnXAI/dDcrFctk4HG30zVTV7V9H8Vyz3Omstot67xRSRbI5UV87RkYK4wOMjBrEp0cbzSrHEjPI7BVRRksT0AHc0AdVbafp9t4jsdOVYblPMuJkaTafMzkQo3KhgfLVhkgN5vYHJLmwiu9Q022m0+aG4ZZgGns1sluWC7o0wGwTu+UkbThgOvNcrJG8MrRyoySIxVkYYKkdQR2NNoA3taF4uhWA1CCO3m+03H7tIUiKjbD95FAwfqM4wemKoaK7pqiiK0mvDJHLGYYTh2DRspxweQCT0PSqlvbzXU6w2sMk0rZ2xxqWY8Z4A9qbJG8MrRyoySIxVkYYKkdQR2NAHRW+nRaf4nsoGE1vJcQMVhcrJLbyurrGMjaN+djDO3G4ZxjNWooo4bvSLSe0nsJz9oEKy5eZQ67YmydoB83eVHygdeM7jyNFAG3rkYt9N0+3eymsplaVljuGLS+USu0scDjeJcAAeuOcnMv7C50y+ks76Pyp48b03BsZAI5HHQiq9FABRRRQAUUVT1O/wD7Otll8vzNzhcbsdif6UAXKK5//hKf+nP/AMi//Wo/4Sn/AKc//Iv/ANagDoKK5/8A4Sn/AKc//Iv/ANaj/hKf+nP/AMi//WoA6Ciuf/4Sn/pz/wDIv/1qP+Ep/wCnP/yL/wDWoA6Ciuf/AOEp/wCnP/yL/wDWo/4Sn/pz/wDIv/1qAOgorn/+Ep/6c/8AyL/9aj/hKf8Apz/8i/8A1qAOgorn/wDhKf8Apz/8i/8A1qP+Ep/6c/8AyL/9agDoKK5//hKf+nP/AMi//Wo/4Sn/AKc//Iv/ANagDoKK5/8A4Sn/AKc//Iv/ANaj/hKf+nP/AMi//WoA6Ciuf/4Sn/pz/wDIv/1qP+Ep/wCnP/yL/wDWoA6Ciuf/AOEp/wCnP/yL/wDWo/4Sn/pz/wDIv/1qAOgorn/+Ep/6c/8AyL/9aj/hKf8Apz/8i/8A1qAOgorn/wDhKf8Apz/8i/8A1qP+Ep/6c/8AyL/9agDoKK5//hKf+nP/AMi//Wo/4Sn/AKc//Iv/ANagDoKK5/8A4Sn/AKc//Iv/ANaj/hKf+nP/AMi//WoA6Ciuf/4Sn/pz/wDIv/1qP+Ep/wCnP/yL/wDWoA6Ciuf/AOEp/wCnP/yL/wDWo/4Sn/pz/wDIv/1qAOgorn/+Ep/6c/8AyL/9aj/hKf8Apz/8i/8A1qAOgorn/wDhKf8Apz/8i/8A1qP+Ep/6c/8AyL/9agDoKK5//hKf+nP/AMi//Wo/4Sn/AKc//Iv/ANagDoKK5/8A4Sn/AKc//Iv/ANaj/hKf+nP/AMi//WoAseJv+QbH/wBdh/I1y9amp6z/AGjbLF5Hl7XDZ357EenvWXQAUUUUAFdb8Nn8rxZI/myQ7bG5PmRDLJiJuRyOR9R9a5KtHRNSGl3zzsZBuiaPMR5weCOo4IyPxoA9ElP9ravCDfXd8gTMkt2djKi5ZsHL8BQT3PXg95tTii0fUdPu7eGFvNgFwEQzLGDuYKVLFZAMKrZz15HGK46PxVbQyrJEtykiMGV1ABUjoQc8GrLeOpHvEu3utQa5jXakxky6jngNuyByfzNAG5rqCLxFqMaliFupVBZix4c9SeSfc1qiyh1D4iXtvcxtLGbq5cxqSN+3ewX5QTgkY4BPPHNcg/j6eSeKaS91J5Yc+XI0pLJkYODu4yKbP46kuZYpLm61CaSFt0TySbjGeOQS3B4HT0oA69rDTNRu7KHT/LacpM08ViZSrhFLqF81dwZsFf4gMA47VW1NxL4b06RbKOzR7m4KrHv2uNsQ3AuxJ5BHBxx9a5mfx1JcyxSXN1qE0kLbonkk3GM8cgluDwOnpUVx4yW8bddyXk53bsytu5wBnluuFUfgPSgDasLb7XfRxEfJy8nzbcIoLMc4PRQT0J9j0rWv7GxstTsHnWNYLm285hGJRFks6p9795sO1Se+C23tXFx+KraGVZIluUkRgyuoAKkdCDng1Zbx1I94l291qDXMa7UmMmXUc8Bt2QOT+ZoA6SeK0j1W2a4hto7OSMsjWxlMcnLAM28lwu8YbGDhTgdCbdnptveeJbOGS2gNrLC8qLZtNtnCBz/FucZZCpwM8cDoTxv/AAmx+3fbfPvvtX/Pff8AP0x97dnpx9Ka/jJZbwXcsl49yGDCZmy+R0O7dnIwPyoA7b7PolxdW3lJDIVguWuYrOSUIdkTOjAyrkNnP94fKOOSKh0W5sz4p0t4LGNTJNErxsz7I38zhk+bP3dv3iRktxjFcpP46kumVrm61CYqrKpkk3YDDDAZboRwfWqn/CS2f/POf/vkf40AdKuoJHqEV1BYwQ+VyIo3lClh0bO/cCOOhHQVoyWts/jLUobpJJYI3u2K+adx2LIw+Y5OcqOTn3zXKN46ke8S7e61BrmNdqTGTLqOeA27IHJ/M0T+OpLpla5utQmKqyqZJN2AwwwGW6EcH1oA6uHT7a71CwZII4lubOW4MHmFYw0fm4G5jkKfLGct3PI4xU1n7KptY7a2toJljJuPs0rSLvLHADFmBG0KeD1Jz6DB0/xxDYX0Nwq3beSjRqAwUorBgdpz8p+ZiD2PODUmq+OrPUvKHk3zeXn95dSiaU5xxv4+UY4GOCWPegDc8MSpF4m0/fBHNuuY1G8sNhLj5hgjke+R7VJpNxBPrRf7HHBELO5DxW7sNw8iTPLlsHHHp7Vx3/CS2f8Azzn/AO+R/jVibxsbmfzrie+ll2GPzJH3NtIIK5LdME8e5oA6eSxhubrTnhhWGO6gaeaNJCFjVHkDEFtxA2x5/iOc4B4FadvbW+neLNDeO3gkF55MgC+cEQmYqGTcQ3RQfmyCSeoxXAr4uhV4nU3YaH/VEEZj53fLzxySeO5p114yW+lEl7JeXEgXaHlbeQPTJbpyaANi6njuJQ0VrDagLjZEXIPv8zE5/HtRZvcR3kZsgxuC22PYu5tx4G3/AGueCOQcEc1j3XjJb6USXsl5cSBdoeVt5A9MlunJptv4uhtZ1mtTdwyrnbJGQrDjHBB9KAPQF81ddsLO/vVuNSt1mka4eRpDFNszFFnksVdQcDILOVAPOXRSx3t3pE7Xc8t0v2gQ3N5nexVd0LbRuJAlLAD5ixUjn7o4Sfx1JcyxSXN1qE0kLbonkk3GM8cgluDwOnpTJvGxuLqO5uJ76WePGyV33MuDkYJbIweaAOr1ydLvTdPna4ubmfdLH512cSSRgqVO3Jwu5pADk5IPPG1cqzufsd5HcCNZDG25VZmXnscqQQQeeD2rHuvGS30okvZLy4kC7Q8rbyB6ZLdOTTbfxdDazrNam7hlXO2SMhWHGOCD6UAdXfJaxeL76O7LGBbqZcuzNyGbbuP3iucbiPmxnHNV9WiWO4iaKG2jhkj3RtamQpINxBb94SwOQRzj7vTucV/H08k8U0l7qTyw58uRpSWTIwcHdxkVWuPF0N1O010buaVsbpJCGY8Y5JPpQBtWdz9jvI7gRrIY23KrMy89jlSCCDzwe1as+nC88Z39momcLPcMFUlpJNm9toJySx24yc8nODXIW/i6G1nWa1N3DKudskZCsOMcEH0qefx1JcyxSXN1qE0kLbonkk3GM8cgluDwOnpQB3NhawarDo8c+nLBBJPdyCGEygTbIoz1O9sErtO3PQ4Gar/Z9EuLq28pIZCsFy1zFZyShDsiZ0YGVchs5/vD5RxyRXFyeNjNOs0099JKj+YsjPllbAG4Hd1wq8+w9KfP46kumVrm61CYqrKpkk3YDDDAZboRwfWgDsdMFvD4k0K4js4QLxo2MW59sTeeybl+bOcID8xIyTx0AyF1BI9QiuoLGCHyuRFG8oUsOjZ37gRx0I6CucbxVbOqK63LCNdqAgHaMk4HPAySfxNWW8dSPeJdvdag1zGu1JjJl1HPAbdkDk/maAOrawS58cXlr5ck6R3Nw/lbmZpgm5tmfvZbbjPJ5zzVCJY9T1KJY7SG2jClpFidwNigs7ZYuQQoPQHpwCeuHP46kuZYpLm61CaSFt0TySbjGeOQS3B4HT0pk3jY3F1Hc3E99LPHjZK77mXByMEtkYPNAHS69YxWU1o8CxqLm2ExEQkCcuyjb5nzYIUHnuTjjFR+If8AkZtU/wCvyX/0M1gt46ke8S7e61BrmNdqTGTLqOeA27IHJ/M0y78bG/2fbp7652Z2ec+/bnrjLcdBQB0vhiVIvE2n74I5t1zGo3lhsJcfMMEcj3yPanaXHb6rrsKHTlEaxyObW1d/3xRGcLlixySAOPw5rkP+Els/+ec//fI/xqxN42NxdR3NxPfSzx42Su+5lwcjBLZGDzQB0upwwNpFhfw2P2Jp3ljZVZikgTbh13EkfeKnkjK9uah0W9TT9UW4lkmiAjlQSQjLoWjZQw5HIJB6jpXPXXjJb6USXsl5cSBdoeVt5A9MlunJptv4uhtZ1mtTdwyrnbJGQrDjHBB9KAO6hhuG8S2Et3fTztNbNPZzXgberAP5WVyx/wBYoIA3bgRwc4qxFLHe3ekTtdzy3S/aBDc3md7FV3QttG4kCUsAPmLFSOfujz9/GSy3gu5ZLx7kMGEzNl8jod27ORgflTpvGxuLqO5uJ76WePGyV33MuDkYJbIweaAOr1ydLvTdPna4ubmfdLH512cSSRgqVO3Jwu5pADk5IPPG1eQ8W281rZrDdQyQyrMu6ORSrD5SeQfanXXjJb6USXsl5cSBdoeVt5A9MlunJrO1/wAQDWowZHuJZzIGaSc5JABHXJPpQBhUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWt4at7a41ki9t0uYo7S6n8l2ZVdo7eR1BKkHG5R0IrJq5pWpPpOoC6SCK4/dyRNFNu2usiMjA7SD91j0IoAtanb20ulWmrWlulmLmea3e2jZmRWjWM7lLEsARKOCTypOcEKpKdN0fxKPsc6a5p0TLlnhMIuEKjeuGyUPLKG6ggMMHFVdQ1J77y40gitLaHPlWsG7y0Jxub5iWLHAyWJOAB0VQDVtR/tbVJr37HaWXm7f3FnF5cSYUD5VycZxk+5NAG5Y+HFtfHc+kTQJqyxQXEtuiElbsC3eSFh5bZw3yHAbPOKtXfh60vm06KS1i8O37x3jXduZJJBGsMXmpI0bFpY9w3Lg5yFDKDnBxj4kuWjsS6+ZcWdlNYLJI5YNBIrqBjqGUSuAc4wEGPlO7PsL+XTrl5oFRmaCWAhwSNskbRseO+GOPfFAGnbaDaX2t2lra6qgsriB7h7mWLDwRxhzJvjUthgI2IUE5BU5GeJv8AhGrS4Fjcabqjz2Vyty0rS23lywm3TzJBs3FWOwqVw+CTglcE1k6Tqk+japDfWyRSPHuBjnjDxyKylWRlPUMpIPse1dBpHi8Qa1pzNa2mm2dlHcpDHbLKqrJNGyeY77jKeSmSGyFQbRkcgEH/AAjGn3F1p0dlq8wjvbK4vDLdWfliJYhL1CO5OTC2cdAQQCeKzZtLgfUrK30y8+0x323ymaIiRCXKbXjQuQ2RkBdxKlT1OK1db1uBdTTULSe3u9QmgnguZYXuXiaN4vKU5nPmeYAz/wCzgR4/iFYGn38um3q3MKo5CvG6ODtdHUo6nGDgqxGQQRngg80AdG/gyC1vLgatfXen2kWnG/Uz2BFwR5whCNFv+Vi/Q7iMFSSMnFXxX4atPDzgWOqPqAW7ns5Wa28kLJEIy2PmORmTGeOVOMjBqHUPFM9/E0SWFjZwGwTTxFbIwVY1mE2RliSxYckk5ye5zVbVtdudY8z7SkSeZe3F6fLBHzzbNw5J4HljHfryaAJvCllBf+IFguYIrhBbXMginlMcbMkDuu5gy4G5Rk7hx3qaY21j4mspr+z0+0t4tsrxae4v4nwSQGBnIOSACu8cc49cmwv5dOuXmgVGZoJYCHBI2yRtGx474Y498Uy0njtrpJZrWK7Rc5hmLhW4xzsZW9+COlAGnrLyaR411PyUtC9vezoFFqhh4dl4ifcoHoDnHHPGav3OgLrHxQ1HRrQpaRG/uQPLhLCONGdiFjQZJCqcKOpwOKoaj4gi1PWDqNzomniSSSSWdEacLOz8kt+9yMEkjaV98jippvFsr+Il1qDS9Pt7sySyThUkkjufMyHV1kdhghmGFxwx9sAF2+8EPaXWlr593FHqHnAR3tg1vcK0QBKLEWIdmBUJhvmZtvBrD1rT4tM1E2kf24MigyJfWgtpEY842b24xg5z36er5dVs5LqCVNB0+JIt2+FJLjbNkYG7MpbjqNpHvmoNS1J9Skh/cRW0NvH5UEEO7bEu5mIBYljlmY8k9fTAAAzTbCXVNVtNPt2RZbudIEZyQoZmCgnGeMmrrvpWoa/HCZX03SVbyo5hbiSRI8nDyKCN7EnLEHjJCjAVaz7O7nsL6C8tH8ue3kWWJ8A7WU5BweDyO9a0Wr22i6+dU0K3t23q0ltFcozmwck4xk4dk/hY7gRtYgNwoBoW/hOOy8UWWjaqZn1ExyvdWSwPIsThGaJC0RZnDYQtsAIVuDkHbZl8MW15c6UHtrexkuVu5JI7KdjbvHDHvG2eRmTcxDqzK7Kny5AIYHDt/E1zb2NlbG2tJfsXmpHK8ZEjQyhhJCxUjKHe5/vAsdrCnxeKZ7W9s5rCwsbWC0aRltAjSRSGRQkm8SMzEMgCkZxgcYOTQA/VEisbq01KyttJmspN8O21E7QyMoG9WE58wNtkXlcYyCpDAkQ3UVtoPihSIPtlh+7mWCcjdJbyoHCscYV/LcAso+VuVPANFzq0esfYbKeK00jTrTzGCWkLty3LN8zFndtqqNzAcKMqMmqWrah/amqTXSxeTG21IYd27yolULGmcfNtRVXJ5OMnmgC7d6JbaZ4sfStT1DyrNZABfQxCYGJhujlCq3IZSrYBJAPcjFP1LwzLpmq2Wj3Errq0rBLq2MRZbZmb5AGQsZCVIYhV43ADJyA+28W3NtJptz9niuL7TbZra2nucyCJdxaNwp43oWYAnK42fKCuTDb+Jrm3sbK2NtaS/YvNSOV4yJGhlDCSFipGUO9z/eBY7WFAGm/gyC1vLgatfXen2kWnG/Uz2BFwR5whCNFv+Vi/Q7iMFSSMnE2oeBrK21YWdpr3nIsl7DNcS2bRrE9tCsrcBmYj5tuQM8EgNxnJ1DxTPfxNElhY2cBsE08RWyMFWNZhNkZYksWHJJOcnuc1csPFhm1mW51aK38p21G6KBX2vLc25TYcHO0sqgYIIyee4AGReFrK9ayl0/Wc2d1Hdlpbm1aNoHt4vMZXVS2QVKHcpY/MeMjBhks9P0j+y9XtJv7W0+4kkimt7iDyZMpt8yMjLgZSRSHUkgtkYK0/SvEMKayst1b29vYQ2l2kVlGJPK3yW7rg/MXJdioLFs4wMgKMZOoak995caQRWltDnyrWDd5aE43N8xLFjgZLEnAA6KoABuWOgxWHje80m8mt5oI7S7aO5cB42T7LI8c2F3cY2uMZI47ijSNB0p/FmiQXl1cT6dqbRvB/o4V5AZzEUkAk+QEo/wAysxxg4ycCgfEly0diXXzLizsprBZJHLBoJFdQMdQyiVwDnGAgx8p3Vl1q7jm0uWApFLpShbZ1XJBErSgkHIJ3Oe2MAcUAPXTba+1RLXRrqaWMxtJJNdwCHywiszsQrvkKiluOTyACcZ3I9C0rUtL0iHT7544pLu9a5vrqzEbpHFDDI3yozlgqhiBnksRxnNY1vrxsdbg1LTtNsbQxKUa3CvLFKrAqwcSMxIZWKkZHHTB5qzH4uubeaxNnp+n28NjJM8dusJeNxKipIj72JcMFxyScMQCAFCgDx4atLl9Mm03VHmsbxplnlmtvLktRCA8pZAxDARsHG1iTyMA1Tt9MsdQ1uCy0y9uJIpFJLz2qxyFgCdiIJG3sQAFG4bmYDjrVlfF1zDdafJZafp9rb2HmbLRIS8UvmjEvmb2Zn3LhTluAABiqD6javqMdyujWKRIu1rRXn8uQ88kmQvnkdGA4HHXIBZuYbbw/4iiSS2u7mOHH2m11G0FtIwb7ybdz7coRh+oJyMEA1Zi8MRReOTot9eJ9iiZppLyMgh7VUMpkXbu5aIbgOeSAaydS1J9Skh/cRW0NvH5UEEO7bEu5mIBYljlmY8k9fTAGnF4w1O3s4VtppobuKy+wC7SZg4gEolUKQchgQVznGwgYGMkAs3Wg2eo67ZfYZrewsr/SzfKVErpA0cL+apDZfHmQyDjdwQRnpTIvC1letZS6frObO6juy0tzatG0D28XmMrqpbIKlDuUsfmPGRgv0zxfdTXUH/CQ3L38VrBfbGu5JJGdprYoIyQ2dpZVHGMbmOe4h0rxDCmsrLdW9vb2ENpdpFZRiTyt8lu64PzFyXYqCxbOMDICjABd0rw5YTX9hcWLvrVrdQXoW1mgeGTz4YGcIyo5yCWjI2vzkjjFQa1BZ6bBpd3PoVvZXxaaO70uS4lKlQFMcjIX82MneeC3OwMODzm/8JDOlyHtre3toEgmhjtYg3lxiaMxu3LFixDfeYk8KPuqAM+0njtrpJZrWK7Rc5hmLhW4xzsZW9+COlAG5rkthpXjy6ig0m3WxsbuS3a1V3InjV2U5ZyxDFeNwxg4IAIzRF4Yii8cnRb68T7FEzTSXkZBD2qoZTIu3dy0Q3Ac8kA1m63qp1vVZtQezt7SWdmklW3L7XdmLFvnZsEk9BgcdKvxeMNTt7OFbaaaG7isvsAu0mYOIBKJVCkHIYEFc5xsIGBjJALN1oNnqOu2X2Ga3sLK/wBLN8pUSukDRwv5qkNl8eZDION3BBGelMi8LWV61lLp+s5s7qO7LS3Nq0bQPbxeYyuqlsgqUO5Sx+Y8ZGC/TPF91NdQf8JDcvfxWsF9sa7kkkZ2mtigjJDZ2llUcYxuY57iHSvEMKayst1b29vYQ2l2kVlGJPK3yW7rg/MXJdioLFs4wMgKMAF3SvDlhNf2FxYu+tWt1BehbWaB4ZPPhgZwjKjnIJaMja/OSOMVBrUFnpsGl3c+hW9lfFpo7vS5LiUqVAUxyMhfzYyd54Lc7Aw4POb/AMJDOlyHtre3toEgmhjtYg3lxiaMxu3LFixDfeYk8KPuqAM+0njtrpJZrWK7Rc5hmLhW4xzsZW9+COlAG5rkthpXjy6ig0m3WxsbuS3a1V3InjV2U5ZyxDFeNwxg4IAIzVa60BLLxgui3N9Elu1zHGL7KmPyXIKzcNjBRg33uh61W1vVTreqzag9nb2ks7NJKtuX2u7MWLfOzYJJ6DA46Uajq0up2WnxXW9pbGA2yStITuiDFkXB6FSzDrjbtAAxkgGrY+C7m51Sy067n+yXc9zcxSxGIyNGkCgs6hMmTJEqgLwWjIB64tXXgQ29zYB7y4tILyC6kJ1Gwe3khaCMyNuQFsqRtwylup4yMHMbxbqT6/b6vKLeWeFWQxyQho5FcuZQynqHMkhI/wBshdoAAh/txIrkTWGk2Ni3kTQMIWmYOssZjJO+RuQGOMY565oAfL4f331nHp9z5tteWz3Uc1xH5bJEhkEjOqlsbfKc4UsSAMcnbWtHoWlalpekQ6ffPHFJd3rXN9dWYjdI4oYZG+VGcsFUMQM8liOM5rGs/EV3ZXemXEUdu506B7dElj3pLG7SM6up6giV1OMce/NWY/F1zbzWJs9P0+3hsZJnjt1hLxuJUVJEfexLhguOSThiAQAoUAmi8LWV61lLp+s5s7qO7LS3Nq0bQPbxeYyuqlsgqUO5Sx+Y8ZGDQIsdJ1WzuYXTVbGRfMeGVFjdk3MjxuoLeWxAOCCSAysMHpNL4pnIt47SwsbK3t4LiJIIEbbmdCkjlmYszbSACWIG1eMdcOgDW1G0m8L+JZreOS3uTbtmGV4o5o5o2XKPtO5SGRgw64yO4qbXrBZfiBqWnWaJCrapLBEiRkqgMpUAKgJwPRQT6CoZddN0mmf2hapetp8DWwW4lfZJFlmRTtIYFS7YwwGAgwMHdNeeJ5LrWzqsemWNtcStM1z5XmlbkSgiQMGkOAQzD5NpG44IIBABZm8HvBr1vYXFxNZR3FlNeJJfWrRSRrGshPmRgsVyYm6FvlIOCflrNm0uB9SsrfTLz7THfbfKZoiJEJcpteNC5DZGQF3EqVPU4qzd+KZ7m9t54rCxtFtrCTT4oLdGCCN1kVjyxJb96xyTyeTnnOZp9/Lpt6tzCqOQrxujg7XR1KOpxg4KsRkEEZ4IPNAGtfeGP7P8QabYXlxNZ2+obGEt9b+RJAjSGMtJGWIXBVj97BXByM4E1j4LubnVLLTruf7Jdz3NzFLEYjI0aQKCzqEyZMkSqAvBaMgHrjN1vW31qS0JsrSyjs7YW0UNojKoUMzZO5iSxLEk556nnJqy3i3Un1+31eUW8s8KshjkhDRyK5cyhlPUOZJCR/tkLtAAABZ1nQp/Cf8AZ2ow+cwuvNVYdU0wRSIyYDBopN6MCHUhgTznoVqHWZLbSviHqZNlFLZwajOjWgUKrReYwKDj5fl4BAyvBGCBVOXVbOS6glTQdPiSLdvhSS42zZGBuzKW46jaR75o1zWRrl894+nWlncTSPLM9sZf3rMckkO7Ac5+7jr9KAH6joa6b4lm0q41C3jiRspevlo3jK7o3/dhzhlKkYzjcM963Nc0mC98bXOhwXun29nZfazHJBaFfIWJXbZKwQPIwEQBb5+pILHOed1HVpdTstPiut7S2MBtklaQndEGLIuD0KlmHXG3aABjJe+u3L69fasUi+0Xv2jzFAO0eerq+BnPAc45PbOaACbS4H1Kyt9MvPtMd9t8pmiIkQlym140LkNkZAXcSpU9Titl/BkFreXA1a+u9PtItON+pnsCLgjzhCEaLf8AKxfodxGCpJGTjnNPv5dNvVuYVRyFeN0cHa6OpR1OMHBViMggjPBB5rT1DxTPfxNElhY2cBsE08RWyMFWNZhNkZYksWHJJOcnuc0AbNz4Ath4htdL07WXug93c2s8xsWXy2t40kk2IrM0hwxAGBllwOCDUOoeAp7WwF1bvfMXgZ47W609oLhpBPDFs2ZOQROjBlLZ5GAazx4x1Aaot95NoXF7c3jRvFujkNwqrLGyknKFVxjrgnnphlv4nk0+7W50jTLHTnC7W8nzXDkMroT5kjcq6KwxgEjDBhkUATWnhGWWWzS+u0shNPcrM7IXWKKGGOZpVKk7wUclccHAwcNkPi8LWV61lLp+s5s7qO7LS3Nq0bQPbxeYyuqlsgqUO5Sx+Y8ZGDWh8W6lDc6fNi3l+wKUWOWEMkytGsTBweoMSJGQMcLn7xLEl8UzkW8dpYWNlb28FxEkECNtzOhSRyzMWZtpABLEDavGOoBZ0fSLabxAkGnv/akd1p13JBG0I80OIJgqtGC2196BlAJOCh4JwM1Ps2j6xbmTytTSLH2uEY8ts5Dxq/OflOPMA4bJUnCsathfy6dcvNAqMzQSwEOCRtkjaNjx3wxx74ov7+XUZ1nuVQzlcSygHdM2T87+rEYBPGcZOWJJANObw00Hi+TRGukdQxMVxGA/nx7N6GNQxDM67dq7uWZVyM08eHIJPEh0oXV3Z7LaWaV9SsTA0RSJ5cGNWc4KqOevPCnAzWl103SaZ/aFql62nwNbBbiV9kkWWZFO0hgVLtjDAYCDAwdw/iGf7ak8NvbwRxWktnDboGKRRyK4bBZixOZXbJY8n0AFAD49EtrrWLS3stQ8yzuIzO87RASW8SbvMLxhjhlWNnChiSu3HLYqFJtM0/WLea087U7NcedFd26wmQHIZBhnxlejg5BORggGoNJ1SfRtUhvrZIpHj3Axzxh45FZSrIynqGUkH2PamX91DdzrJb2FvYqF2mO3aQqTk8/vHY5/HHHSgC7qNivhzxLNa3EdvqUUDZTex8u4jZcxvmNwcFWVhhu4z3FWfEU0Gk+Nb6PSbC0tY7C5lt44zGZ1cK7LuZZi4LY/DgEAGq0uum6TTP7QtUvW0+BrYLcSvskiyzIp2kMCpdsYYDAQYGDuL/XE1LX31W50mx3Ss0k1urTCOV2JJY/vNwOWzhWA4HHXIBNr8g0rx5q5sYbdFgv7hI4nt0kjVd7ADYwK4A6DHHGOlTatpMV14+12xt9lrFBPfSIqRjaqwiRwgAxgYTHtn8Kraj4gi1PWDqNzomniSSSSWdEacLOz8kt+9yMEkjaV98jin3nieS61s6rHpljbXErTNc+V5pW5EoIkDBpDgEMw+TaRuOCCAQATaf4atJ7VbvUdUe0t/wCy31BmS281gRcmARgbhkkgHOQBnnjmrup6BpXhbW7SY6o+o29vfzW9xu04FfMgEbFfLaQb1JkCnJXo2MjGcm78TXN3bvALa0ghayFiqQxlQkQn88Y55bcMZOSRycsS1F34klv7oy39jaXKNe3F60LeYqs8wUMPlcNgbFIwc+pNAFm60Vb3x9q2mPcW9msM94xlSArEgiEj8IMlV+TGBuIHrjmnc6Ko1DTorC4eeDU1VraSSAq+DI0XzRpvOdyNwpYkY7nAmvPE8l3q82px6ZY2t1cLcLO0PmkSmdGRyQ0jYIDsRjAyeQelVodduYZLBlSIiytpLUIQcSxO0hdW5zyJXXIwQMYwRmgDcs/ClpZ+NtH07WzfJa6g0TxxTWflTMGm8vZIm8eWCVb5gzHBU45wMzTNCtNc8S2umaTfXDRTKzSTXFntdAqs7bY0Zy52rwAcknHHWmX3ia5u9S029tba0059LjSO1S0jO1NjlwxDlstuYkk5z370y3142Otwalp2m2NoYlKNbhXlilVgVYOJGYkMrFSMjjpg80AWfEnhd9AtbC53Xfl3nmKIr6ya1mjZCMgoSQQQykMGPUjgisCrmoX1veeX9m0u00/Znd9maU7846+Y7dMdsde9U6AHJG8jYjRnPXCjNFXdH/4/H/65n+YooAoVZ057SPUYTqcTy2ZbbMsZ+cIeCV5HzAHIzxkDIIyKrUUAa1zp0Wga/ead4itLiZrZmjK204hJYEYcF42ypHI+UZBBq/qWgWc/jCXQNBjmge3uZ4Zbi/vEMZWMnMhIRdgCozH73HTpzm6tqiapa6czptu7W2FrKwjUCVUP7tiRjLBCE5HSNTk5wLlt4pe18dTeI0tc+dczStbiZlIWXcGUSLghgrnDDocHHagBknhacPZNa39jeWt4srLdQO2yMRDdLvVlDgquGxtyQRtznFP0fw/Y3/iuw0uXW7SS3uJI1aaBZhu3OFMa7osh8HIJG31Pan33iWK/1GxuJ5NemW0ZnH2jWBJIrcbTG5i/dkEAk4OcDpjNQ3fiaWXxJY6vbxOZbFo3RryUzyzMj7wZZAF3nJ25wMKqjtmgCG2s9Pttfs47nUbG9styyTSL9oSMqCSYyfL3gkDGVU43D3xNc6DLdeNNR0iyS3tWhnudsb3B8uNYg7FfMYDgBCAzY7E45qm82jnUY3jsb5bILiSFr1DIzc8iTygAOnG09DzzxpXviOxm8Q3Wr2Wm3EMt4t2J0lu1kXdPG6ZXEa4ClycHOeBkdaAKbeHp/wC0be2huLeaK4ga5ju0LCMxJv3vgqHwvlyZG3J2nAORmaXSrPRrvTJtQvLfU7C9VpGFkJQ6xbmjLDeqfMCr7QcjKfMMHm54c1yBdb0gXcaJHZWFzZje67ZWkE5XJdSqgtMFywKjq3GRUPi7yXntpkkRJSrIbSO5guEhQEFWVoFWNQxZ/kABBUsc76AKdzp0Wga/ead4itLiZrZmjK204hJYEYcF42ypHI+UZBBq/qWgWc/jCXQNBjmge3uZ4Zbi/vEMZWMnMhIRdgCozH73HTpzm6tqiapa6czptu7W2FrKwjUCVUP7tiRjLBCE5HSNTk5wLlt4pe18dTeI0tc+dczStbiZlIWXcGUSLghgrnDDocHHagBknhacPZNa39jeWt4srLdQO2yMRDdLvVlDgquGxtyQRtznFP0fw/Y3/iuw0uXW7SS3uJI1aaBZhu3OFMa7osh8HIJG31Pan33iWK/1GxuJ5NemW0ZnH2jWBJIrcbTG5i/dkEAk4OcDpjNQ3fiaWXxJY6vbxOZbFo3RryUzyzMj7wZZAF3nJ25wMKqjtmgB+kaDaXniSKwF1/asbW002NN8xGdkidxGPMjzuJQD7p+9xzT7rww0uv2WnWKPYy3UBmlt9RlCtZBS+7zW2rgbE8z7oO1hgHgmnDqdjYam1xpllcRxNaT25juLpZG3SRPHu3CNeAHBxjt154v2fi/7Jqmjaj9h33en2xtJ3Wby/tMW1kXBRQyOsbbQ+SflU9uQCtJ4WnD2TWt/Y3lreLKy3UDtsjEQ3S71ZQ4KrhsbckEbc5xUMGgm91dNP03UrG7ZoJJvOVnijXYjOVLSKuDhOp+XkZI5xcvvEsV/qNjcTya9MtozOPtGsCSRW42mNzF+7IIBJwc4HTGatWWvW2oeKhd36zLbpp13C73F0GuJ828uN8xUBnJYIp28AIuDjkApL4RuZrrT47LUNPure/8AM2XaTFIovKGZfM3qrJtXDHK8ggjNA8I3M01mLHUNPu4byOd4riOYpGDCheRG3qpRgAD8wAwynOMkFr4kgsNQtPsunbtMtvOBs55yzSiZPLlLSKFwxTABAAG1eCdxZ58S2lvDa22maW8FrbwXiETXPmSSSXERiZ2YKBgKEwoUfdOTzkAFNvD0/wDaNvbQ3FvNFcQNcx3aFhGYk373wVD4Xy5Mjbk7TgHIyW+gm91uDTdO1KxuzKpdrgM8UUSqCzFzIqkBVUsTg8dMniiPWIjNo5nhuFXTIDGGtbkRSM3mySq6uVOwgyDsfu9s8X4/GDweLLTWUtppfs0Zhb7RdM1xOrBlYvOoU79rlVYAbQqDnbyAZuqaI+mWtpdx3tpfWl3vEc9q7YDIRuRldVZWG5TyOQwIzUGlaXPrGoCztXiSQxySBppAi4RGc5Y8DhTycD1IHNXfEGu/219n/fatJ5O7/kJaj9qxnH3fkXb056549KuaXqGkP4wuLuGx/s3TXsrpRaC73EZtXXaJHB+Zm6ZB5YDBoAfp/hRWv7bddWOoWd7aXrQTwTlEWWKB2w+8IUKt5bfMAMEHJGaoJ4ZuZ9Ugs7W5tJlubaS5gufMMcUiRq5Y5cKV5idfmCjIz05p6eIYrWVIrGzeOxiguo44ZJg7754TE8jPtGTjbwFAwgHUljZ0PV7aTULBL9PLt7HSb22ciYIZtyXDgAkEKxMoUcHnHXOKAM3VNEfTLW0u4720vrS73iOe1dsBkI3IyuqsrDcp5HIYEZpmoaWuna22nPqNjOqsim8tpDLBhgDkMBkgZ5wCcg8GjUdRiuYIbOxge2sbdnkjikkEjl3C72Z9q5JCKMAAAKOM5JNQutNutba4stMex09mQ/Y0uS7KoADASMDySCckHGehxQBpSaFpy+LYtPS8dbJ7SK5EtzJHA0ha2WbYWJ2xlmO0Ekhdw+9jk1bStO0p7Ke6sr62ErSJPpk15H9pjChSrs3ljYGL8K0eSEJBIYEPk8U20PiC01XSrK7tJIbYWsm69DMUEAgBRljXY4QE7vmG7BxgYNPUNZtru107T4ra7XTbGR5BFNdiSX94V3qr7Aqj5AQNhwSxOc4AAa7aaZa2untYQXdvcXEbTSw3Fws2xCcR9EQqxAZsEEFWjIPzcY1XNX1D+1dYur0ReSk0haOENkQp0SMcDhVwo4AAAwBVOgAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAL+j/wDH4/8A1zP8xRRo/wDx+P8A9cz/ADFFAFCtDRdOi1TU/s9xO9vEsE07yJGJGCxxNIQFLLkkJjqOtZ9afh+9trDVjLfmZbd7a4gdoUDsvmQvGCFJUHBcHGRQAzUdOitoIbyxne5sbhnjjlkjEbh0C71ZNzYIDqcgkEMOc5Aml0VtH8SjSfEwexKMqXDIwcwBlBD/AC53ABgxUckAjIJyGale2zWNtpunGaS0tpJJhNOgSSR5Agb5QSFAEagDJOQTnkKsGrf2Z/ak39hfa/sHy+V9s2+b90Z3bePvZxjtigC1Y6G0viGfS9Tkeza1W4a4KIJWQwxu7ADcAT8hH3se9WZfDH2uOwk8NXE2qC989RC1v5UyPCod127mB+RlYbWJOcYzxV0+KIH1ax1uf95fjTprS7DIZTLN5LxRysJCVYFWjDc8lHyvI3Z9r4luWv8AzdTld4EtLqCGCFFSOJpYHjyka4VQWYFsAZ5PJoArJ4e1SXWLfS4LX7Rd3WPIWCRZFlHPzK6kqQMNkg4G1s4wcPuPDGrW09pFJbIwvFZ4JYp45InVSd58xWKALgliT8o5OBzRoWrRWOr28mqfaLiyWCW1dIpAHjilR0bZuyAR5jMB0J+ua6LQNQ0UalpWl2Iu7m3ijv3me5iCtcSTW5jEaRI+eQiKB5mWZiAV4oAwH8J6wt1a20dvFczXkcktulrdRTmRUBLEbGP91gPUqQMkYqlc6Te2t9FZvD5k0+PJFu6zLNk4GxkJD/MCvyk8gjqCK6nWGXRdTtrieC4tbc2F3ZwWM1obeWAPFIA2x5HYxl5id5ckkSADCgVzWmX8UOo2smpq9zbwKyIjASCLO4hgjfKwV237DhWOQeGNAFm28J6xd30tpbW8Ujw2xu2kF1F5Xkg4LiXdsIB4JBOCCOxwzXPDGreG3jTWbZIGkZkCrPHIQyhWIOxjg4dDg44YVs634m0u7hlhsEuCraOliHe1htwZRdidm8uM7VXAOMc5xnPLVn+JNdttY877MkyeZq17ejzAB8k3lbRwT8w8s57dOTQBQ0XTotU1P7PcTvbxLBNO8iRiRgscTSEBSy5JCY6jrU1tY6Xc6/Z21tdXE1k7KZ5LhYbRwoJLhS0hQHaOCzDJOMerPD+q/wBjasb0NMjrbXEcbwnDI7wuiMDkYwzA56jHFMfUJdX1GOXxFqV9MoXYZ2zcSKoyQAHcZGT03DqTQA+9trPTPE15a3VtdtaW1zLEYTMiTAKSAC4Vl3DAzgEHBx61Ne+H528a3mgaLDNdSR3sttAhwWYK5AJPA6DJPAHJ4FTa7c6Hqvia4v4bzUEt725mnmD2KbodxLKFHm4fk4JJXHXnpWgfEGi2/j59etzfXNveT3LXMEtrEjRJMGX5cs6yECQnDAA7QDwTgAxrjwxq1tPaRSWyMLxWeCWKeOSJ1UnefMVigC4JYk/KOTgc1Sv7CbTp1iuHt3Zl3A29zHOuMkfejYgHjpnP51v3WvW0t7p/k6rcJb27Ss3laJbQbC6gH92km2QMFCsGIG3jkEisrXbyzvr5JLCPAWMLJL9nS385sk7vKQlEwCq4U87dx5Y0AZ8MMtxPHDbxvLLIwRI0UszsTgAAdST2rTfRhc6/Ho2jSJd3G7yPNM6LHPKCcmNiQNp4C5OW4PBYKKuj6h/ZOuWGo+V5v2O5jn8vdt37GDYzg4zjritCKz0rSNfJ1n7Rf6aqtNam2AQXy5ITLZ+RSQQ2MspDLgMDgAZpnhm91G60+PbtS/jmmh8orLK6RBi+2MHduOxgoOAxGM9SJpfDHmx2FxplxM9ne+ftmvbfyCohUNK+FZ9yBT1Ukkqw25AzdfxPYahqFrrOsRTXGsfvIr15LeKWGZShWOYIcLvTK/Jja2wHKkk1ND4ts7bWtNuZJ9QvjB9oW41Jo0gvGWaPywAwZyzRjLKzN32/KADQBjalpNto+sQ21/Hq0Vu8e5/tVkLaZc7gGVCzBgCAeo3YIyv3qh/s2Cx8Rf2frM/l26yeW91BllCn7sy8ZdMEOMAbl6EZBFy8azv7HTdE8PLd3BhknuJZ7tUi3M4QH5QxCIqRAlmb+8TgCqfiG7gvNaka0fzbeGOK2ilwR5qxRrEJMHldwTdg9M45xmgBkWiX82vnREiQagJ2t/KeZFHmAkFdxIXORgc8nAGcio20m9WGwkEO/wDtHP2VI3V5JMOU+4CWGWBAyBkg4zityfWNG1bUdP1XxAtxcyx2gjvIIWbfdzRfLGzuzHarpsDMuWyj/KMhiXHiLTtWvbTV9bjuJ9X3Ml45jjeKYbSIpgnA3J8oMZGxwgyRlsgFC28J6xd30tpbW8Ujw2xu2kF1F5Xkg4LiXdsIB4JBOCCOxxNeeB/ENjqENjPp+bubzNkMU8crExoJGXCscNsZTg8nIxnNaGt+JtLu4ZYbBLgq2jpYh3tYbcGUXYnZvLjO1VwDjHOcZzy1XLTXLHWtfuQouIYpJ9avWYxqzLFNa8YG7lgEbIyB059ADnX8Ja2t1a26WXnveRyS2xtpUmWYRglwjISrMNp+UHPTjkZG0CTTL6wHiD9xYXudl5bypNGBkqXDJuDbDyUByQMcZBrW0K8sZNQh0y1kuDp9vaajM9zJColZpLRg5EYbAAWNQF3HJBJYbsLh6le2zWNtpunGaS0tpJJhNOgSSR5Agb5QSFAEagDJOQTnkKoBNpfh+e68SXGjXUMwu4Y7oGGHDMZoonYIMZzl0A469vWn6b4Vvb7xJaaTNJb25uWTE/2mJkZGcKWjbftlIORtUkkqR1Bxcn8R211f2urXRd719LnsbzG5nkl8h4Y5SWJBBVo8kHOUc7eRupwa9Fa33hu7jheRtHVTIjEKJGW5kmwDzwQ4Gcdc8UAZ9zpV3bX0VniK4nmx5aWk6XG4k4Cgxlhuz269PUVrP4QvTaaXHZol3qOoXc8CxWtzFOm1FiIO5CQD87E5PAAPA5MOm3mj6R4himSS+vdPeCWC4JhSCULLG8bFBucEhXyMnk8cda0LPXdD05dNtIk1C5tIZLwXUjBIpHS4gSIsi5YKygH5SSCQDkbsKAZM/hjVre70+3e2R21Jglm8M8ckczbtmFkViuQ3BGeMjOM1C+i3qajHYr9nmnkXePs91FKgUZyWdGKqAASSSMAZOBzW5a67oenNplnbpqF1Yw/a/tkzhIpX+0xCFvLQFgNqKpGWOTnoKybeXTrDW4JbHUb4W6qd87WMe8Eggr5RlKupGAQWwQzAgjggDE0yKz1i3tdauIo7eXG+e0uI7gRA5G8mMsDtPzFOCQMcZBotPD+oXniZNASHbftcm2ZD8wjYHDElc8LgkkZ4BNGu3lnfXySWEeAsYWSX7Olv5zZJ3eUhKJgFVwp527jyxrcPiqzeddYu7ZLzVJNLaxmSZpSJJciMyuQ4JDW5K5DZ3gnaOCQDMvvC92muw6dpUdxfG6tEvLUtB5bzRtD5pwuTkgbhgE5KkDnimP4S1tbq1t0svPe8jkltjbSpMswjBLhGQlWYbT8oOenHIzuaTrFhq91YwvYppzWdhqUMhtFd1EBtpHXAkkJZgzTHkjO5Rn0h0K8sZNQh0y1kuDp9vaajM9zJColZpLRg5EYbAAWNQF3HJBJYbsKAZ8HhO7TULeLVm+zWlxbXFyl1bFLlXWFHdghV9rN8mMbhjIzTLrR9Kt4NPvotVuJtOu2lidxZBZ4ZIwCVMZk2kEPGQQ/Rj3GDZsvENnpNxbw2KzT2lrHeMktxAm6SaeDy8tGSyhBtQbSWzhjzkKM2XVJNXuoE1u8mis4t2xLW3TbDkc+XCCiLkgZxjPJOT1ALN/pOlaZ4ufSZ7+4ktYJ2trm6a3EZicMULhQz7lUgNjgsMj5etVrTw/qF54mTQEh237XJtmQ/MI2BwxJXPC4JJGeATT/E95Y6l4kvdQ0yS4eK8nkuCtxCsbIzuW28M2QARzxn0FbJ8VWbzrrF3bJeapJpbWMyTNKRJLkRmVyHBIa3JXIbO8E7RwSAZl94Xu012HTtKjuL43Vol5aloPLeaNofNOFyckDcMAnJUgc8Ux/CWtrdWtull573kcktsbaVJlmEYJcIyEqzDaflBz045GdzSdYsNXurGF7FNOazsNShkNoruogNtI64EkhLMGaY8kZ3KM+kOhXljJqEOmWslwdPt7TUZnuZIVErNJaMHIjDYACxqAu45IJLDdhQDPg8J3aahbxas32a0uLa4uUurYpcq6wo7sEKvtZvkxjcMZGaZdaPpVvBp99FqtxNp120sTuLILPDJGASpjMm0gh4yCH6Me4wbNl4hs9JuLeGxWae0tY7xkluIE3STTweXloyWUINqDaS2cMechRmy6pJq91Amt3k0VnFu2Ja26bYcjny4QURckDOMZ5JyeoBZv8ASdK0zxc+kz39xJawTtbXN01uIzE4YoXChn3KpAbHBYZHy9aZpXhq71DxWuhTvFaTrci3nMsyDyzvCNjLAOwJ4VSSccUzxPeWOpeJL3UNMkuHivJ5LgrcQrGyM7ltvDNkAEc8Z9BV+58SRy65oXiB18+/tPJ+2xs77p3hYbXLNuHzRhAT13KxKjIJAM1PD2oy6xb6XaxxXd5c48qO0uY5wevVkYqMYJOSMDk4HNPuPDGrW09pFJbIwvFZ4JYp45InVSd58xWKALgliT8o5OBzVnR9R0nQfFFtdwPd31iI5I5/Nto45AJEaNsIWkRsBsgNwTwRjmrN1r1tLe6f5Oq3CW9u0rN5WiW0GwuoB/dpJtkDBQrBiBt45BIoAp6b4Wur/wASWmkPdWMbXDJmVL2CVVVnC8EPhm5zsB3H0qm+i3qajHYr9nmnkXePs91FKgUZyWdGKqAASSSMAZOBzV+XXLO38V6bqthbeYLKSKWQ+Slr9pZH3Z8tMpHxtT5c527jyxFVreXTrDW4JbHUb4W6qd87WMe8Eggr5RlKupGAQWwQzAgjggDE0yKz1i3tdauIo7eXG+e0uI7gRA5G8mMsDtPzFOCQMcZBp9jobS+IZ9L1OR7NrVbhrgoglZDDG7sANwBPyEfex70zXbyzvr5JLCPAWMLJL9nS385sk7vKQlEwCq4U87dx5Y1snxTG2rWOuNLMupDTprS5kjZ/NacQvFFNuJ7q0WSDnKOcDjcAYyaUmp6xb6f4aN3qElxhUWW3WFi3ORgOwwAM7iRjnOAM0Xvh7VLCSzSa18z7d/x6tbSLOs53bSqNGWDMDxgHPI9RVzR/E88Xii21PxBPd6kiRyW8hlkEsgjdGQ48zcpxvJCkYJ4PU1Zute0+W90/zJnvLO3aVjEdIt7VYndQBIEjYrKQVVir4B2BScE4AKem+Fb2+8SWmkzSW9ublkxP9piZGRnClo237ZSDkbVJJKkdQcU5NFvY737Iv2eaXyHnP2e6imUIiszHcjEZCoxxnPtyK3NU8T2B8S6BqOlxTSx6THDvWW3itfNdJmlbCRZVAd3HGfXJ5OZZ3emaVrSyWk93c2kltNBK8tusUiebG8ZIUOwbaH3AFhkjHHWgCtbaHqV7PaQ2lo80t5A89vGhBaRELhiBnrmN+OpxwDkZenh7VJdYt9LgtftF3dY8hYJFkWUc/MrqSpAw2SDgbWzjBxpPrumQ3ViLNLs29ppN1YkyhdzvILjD4BwATMpxkleRlsZNPw5raaVr1ndaiJrm0hjktzGCrFI5FdW2q4KnHmM20jBOc9TQANoEmmX1gPEH7iwvc7Ly3lSaMDJUuGTcG2HkoDkgY4yDTLHQ2l8Qz6Xqcj2bWq3DXBRBKyGGN3YAbgCfkI+9j3qbxDq0OoQWsNpePPFC0j+WdKgslRmCgkCJjuJCjJOMbRWgfEVleatY6rqTzC4k06ax1Bo1aSVnMLwpNh2AbKNHn5gSUc4GQSAZn/COz311ZJ4f87UY7+RobfMQjk8xApdWXcQuAytncV2kHIIYKy48MatbT2kUlsjC8VnglinjkidVJ3nzFYoAuCWJPyjk4HNX7HXdM068srRUu7nSoftImkIWKd/tEQikZVyyrtULhSTkgkkbsLp6BqGijUtK0uxF3c28Ud+8z3MQVriSa3MYjSJHzyERQPMyzMQCvFAHNXvh7UbCSzjljile+/49ltbmO4MvzbeBGzfxZA9SCB0NQXOk3trfRWbw+ZNPjyRbusyzZOBsZCQ/zAr8pPII6gium1uODS9Y0y4vrSaGzSOSGGwubIwy2wGWEnlSSOZE8yUuN74cq6HCii88T6PJ4i0qeOK7lsLfTpLG6228NtI3m+cJHjRMouBMSB3IwT1YgGTf+G5rLStOkXZcXt7dzQLHaXEdwrBVi2geWW+YmRuM5+7x6030W9i1GOyk+zpJKu+ORrqIQuvPIl3bCMqRnd1BHUYrVXVtDtrfTLOCK7uobS5uZpZbmFPmMkcao4i3EHYyZ8tmIbbyQGIU8Q3kXibUtLtvDttd3LwWQgKCyjiaRw8kjFYocqB82cDng5zySAF54fsbbXNFtMzLb3VtHLdyPe2pViGYSmKUP5YHyMF3HORg9qoXVhp1p4k1Cyvpb6zt7aeSJMQxzygq+ArgOq5xnJBIyOODmr+u2KWLaBp+ttNZvBpx+0pFGsssJaeaRVKFlwxV0JBIIDfhVPxRd6ZqWuXeo6VPdv8AbLmWeSO5t1j8rc24AFXbd1POB09+ACbUfDSL4mOgaBNd6nfpcyWzo9qsQLKcZUiRsjhiSduAMnvitceGNWtp7SKS2RheKzwSxTxyROqk7z5isUAXBLEn5RycDmr9v4js4viJd65LBNJY3Vzcs0e1DII5g6k7WDIWAfO05BIweDT7rXraW90/ydVuEt7dpWbytEtoNhdQD+7STbIGChWDEDbxyCRQBT03wtdX/iS00h7qxja4ZMypewSqqs4Xgh8M3OdgO4+lZl/YTadOsVw9u7Mu4G3uY51xkj70bEA8dM5/OtaXXLO38V6bqthbeYLKSKWQ+Slr9pZH3Z8tMpHxtT5c527jyxFZN/HYxzqNMuLi4i25LXFusLBsnjAd+MY5z+FABp+nXeq3q2enQPcXDK7LEnLMFUscDucKeOp6Dmtmz8H37anb217buy3lpczWj2cqTrO8UTsFVkLKx3oAVHPPbIqbRho7eM7kaU98mlmwvArXKI06r9jk3EhSFJzuwMjjHIqGDXLGw8qztBcTWUMF6FlljVJJJbi38rO0MQqjCcbmPDHPIUAFBfD2qSaomnQWv2i5ljaWJbeRZVmVVYkoykq/3GHyk8qV6jFM1PRL/R0t5L6JBFdKWgmhmSaOQA4ba6EqSD1GcjjPWtzQb22vdQ023czRJZ6LfwTuEDHlLqQlRkZ+WQcEjkH61jale2zWNtpunGaS0tpJJhNOgSSR5Agb5QSFAEagDJOQTnkKoAXeiT6Rrz6Xr5/s+SHBnwBKVBXcAApwWIIwMgZIyVGSJp9I09Y7O8g1Kb+zriSWJpZ7XZKrRqrMAiuwORIoX5hkkg7QN1MlHh4+JR5D6mmh7lJLpG1zt2jcMAhclsgHsMHBxg6Wual4e1bX7J0kvoNIgXyRbQ2Ucb28KklVQmVt7MWYs7EHJJwfu0AZWpabbW9jbX2nXU1zaXEkkIM8AhkDoELfKHYYxIuDnOc8DAJzK3/FuqaZqt9BJoxmjtII/IgtXtFhW3iByoDCRy7EsxZmwSST3wMCgAooooAKKKKACiiigC/o/wDx+P8A9cz/ADFFGj/8fj/9cz/MUUAUKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAv6P/AMfj/wDXM/zFFGj/APH4/wD1zP8AMUUAUK2vC2kjWtYa0MSynyXkAaQRgbeSSxIAwM9TWLXVfDuaO38TTSTeWUFhcjbIxCsTGQFOCDyTjg55rOp8DOvBpOvHS/k9TSm8JWcNylv9ljllkxsWC483cScAfIx59utOfwfaRX4s5LaJJSAwLXQCYK7gd+7byCO9dFpN5Zpqj38kcViLWBmjSFDJukJ2qwWRzkgsG6/wdO9GpLb6lHpxsblZJVja2k+0LHbk+XgqzfMR91goJPOzvXmc0rX5n959t7Cgp8rpRStvy9d/S1vPqc/N4Lgg1JNPezjN1I4jEaXIfDE7dpIYgHPY9KrweGbG5kKQ2m5gjOR5rD5VUsT19ATXXTFIPiAlw88Bgk1ETiVJldQhlzkkEgcc4PIqrY2zafqC/apbYCaCeJDHcxyAM0TKMlWIXlhycD8jRzTvu9+4Ro4bku6cb8t/hW+pg23g62uxGYLJSJTIqs0+0fIoZ8ksMYUg5NOHguBr1bUWcZkdDIrC5GxlAJLB923A2nnPUEdRXVWhh0yCzhuZ7SaRUvZXjWYOoDwBFVmU4yxQ8A55HQmnRS2zanp88DWwt5NPmjW2klCLE/lyBo2JfcAzsSCxBw+AeKpOX8z+/wBDOVOhd2pRtZ291dL/AOX/AAdjkW8H2i3aWwtopJHG4eVdB1A5ySysQMAEnJ4HJ4qO58LWFpII5YImJG7MV15g/NWI/CuiJuLfWIvscWn2spjYAR3CSREEMDuZ3ZeQSME+nHPLdXitY4bUxQwW90d4mjtrjzoyuRtYHc2CcsCNx+6DgZqHOdnqzaOHw7nFOnHVdl5/h9+pxnirQrbRRJDHEqzQ3JhdldiDjcDjPuK5iu8+I4/0y5fzYJfMvPN3W8nmJ8wZsBsDOM46dRXB16NBtw1PkM0jGNdcqS0W2nQKKKK3PLCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAv6P/wAfj/8AXM/zFFGj/wDH4/8A1zP8xRQBQroPBtnc3usSx2dvLcOLcsViQsQNy84H1rn62vC3/IUk/wCuJ/8AQlrKt/DZ35bf63Tt3O0utPvLHZ9ttJ7bfnb50RTdjrjI56iq9dJFDDP8RrqO4SORTd3G1JMFXcbygIJAOW2jBIB6d6kvIV+26araRdtcfvQxOmiAyjGVIiBKuUJJI4BAAPHNeV7Pqj7tYuzUZLVq/wCf+X9dOZjjeWRY4kZ3chVVRksT0AFNrpIpn07xdp7ztAis8e8TWUUDRL5nO9AMI3GQ2c7SpyM4qmkd6ddgXUdLk84odsEdkqMRhsOIwoD4PODwduCcUuQtYhvWyta+/r5GPRWlrkUkV8gl2gmMHZ9lS3dOTw8a8A9++VKnvgN11LmPWp0vbOCynG3dBbqAifKMYAJHIwevU1LjY1hVUreav+Xz6lOC3muplhtopJpW+6kalmPGeAKJ7ea1maG5ikhlX7ySKVYcZ5Bp1pA9zdxxRwS3BY8xQj52A5IHB7Z5wava4nktZQ+VJB5dtjyJjmSLMjnDnA5Odw4HDL9SW924SqNVFDv/AF/Wnz6GDf2EWo26xTs6qrbgUIBzgjv9az/+EWsv+etx/wB9L/hXRX1jc6ZeyWl7H5U8eNybgcZAI5HHQir3htY01Q3kzxIljGbjM28rvBCx5CDJ+dkz7ZrSE5xfKnY5cRh8LVi684KWn39repyc/g6C1maG5+1wyr95JMKw4zyCtR/8ItZf89bj/vpf8K76eCKa60q5gSPUC8JtpFtYpHJkiXAbY4G7CGM46EqQcA1DPBIviK3SW2a5ZoyVgjsUilT72C0K8Eg/PtP3l25ODxo51P5jjjhcE1rSV7N/dv8Al1OH/wCEWsv+etx/30v+FH/CLWX/AD1uP++l/wAK9At7RW8XWcV6kTho2KQSWqW534bYrxAqMlgMAt8wK884E08UK3lp9p0uQSJbXbObmwFqs4WJmX5VbBIOfmGD93uM0+ar/MQ6GBTS9knpf8/8jzuPwlayyLHE1y7uQqqpBLE9ABinW/g+2urmK3ge4eWVwiLvUZYnAHIrsNK1RR4j064aK2gPmRpcOYkCH95neBjamFwMjHQnPJqGRNW/taESadtvNn7uD7Ai7l558vbhu/OD09qn2s7X5mbPA4bmcXSitL6v1/A5W48H21rcy2873CSxOUdd6nDA4I4FR/8ACLWX/PW4/wC+l/wr0A6U9v44lSbT1WKSe4NpFcJ5cUrAMY1GcAgtsGM4OQO9SfZyv2GTVdNtorryLxnhMIi8yNYiUZ0XG35t4BAB+UegNVzVe5j7DApL92ndX/Bvv5Hnf/CLWX/PW4/76X/Cj/hFrL/nrcf99L/hXbBFmv8AS5hZefLc2zO8dvADlg8ihhGAFO0Kp24AO3nqTVXXIpIr5BLtBMYOz7Klu6cnh414B798qVPfAl1KqV+Y3jg8FKah7Nf8M7f1scn/AMItZf8APW4/76X/AAqSDwdBdTLDbfa5pW+6keGY8Z4AWum11LmPWp0vbOCynG3dBbqAifKMYAJHIwevU1VtIHubuOKOCW4LHmKEfOwHJA4PbPODS9tUTtctZfg5U+dU1tfujDn8HQWszQ3P2uGVfvJJhWHGeQVqP/hFrL/nrcf99L/hXXa4nktZQ+VJB5dtjyJjmSLMjnDnA5Odw4HDL9TTvrG50y9ktL2Pyp48bk3A4yARyOOhFEqtVPcVPAYKaV6au/0/r/gmDB4Oguplhtvtc0rfdSPDMeM8ALTrnwVHZSCO8S9t3I3BZRtJHrgr7V02glBqjGVWZBa3O5VbaSPIfIBwcfXBpttDa3urQR2sMkcR5aOeTzS5GTtG0JktjAXgkkDIzw1VqNfETLA4SM2nTVkr/n5+XY5m38H211cxW8D3DyyuERd6jLE4A5FSHwRCuoPZPJJHPG7IwknjRVZc5BY8dvWu01ixuLPV9PFnaM95Na+a0TWSAsSzjmEblHygce2Tg5qrrekXkfiK6hh06dFluZfs6JAQHUMT8gxyAMdO1N1Kq6szhhcFNq0IpNN/d92n9aHI3Hg+2tbmW3ne4SWJyjrvU4YHBHAqP/hFrL/nrcf99L/hXfX2nzJ4wv8A7ZaSKly959n82IgSsVfZtyOTuK4x3Ix2psdklpd6el1aRM4025klicfeYeeRuwc5GAOoIxjgjg56t9xLD4HkT9mm2r6ej/yOD/4Ray/563H/AH0v+FH/AAi1l/z1uP8Avpf8K7bRpLfUvEdl9otYA2xgy7VVJpQGKfICq8nYu3IBI5PJq5eQr9t01W0i7a4/ehidNEBlGMqRECVcoSSRwCAAeOaFOo1fmHLC4KE/Zukr2v8An/l+K87ee/8ACLWX/PW4/wC+l/wo/wCEWsv+etx/30v+FdZrkUkV8gl2gmMHZ9lS3dOTw8a8A9++VKnvgN11LmPWp0vbOCynG3dBbqAifKMYAJHIwevU1Lq1V1NoYHBS5f3a1V/y+fU5X/hFrL/nrcf99L/hTn8JWsTBZGuUJAYBiBwRkHp3BBrctxIbmIQJ5ku8bE2B9zZ4G05z9O9aniW3vI9Sjmvop0aW2g+eZSC7CFA3J6kHr70e1qct7g8Bg1UUPZrVP8LHnmtaLb6dZpLA8rM0gUhyCMYJ7D2rErtPG9jc6ZALS9j8qeOZdybgcZQkcjjoRXF16GHlJw97c+SzWnSp4m1FLlsnoFFFFbnlBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAF/R/+Px/+uZ/mKKNH/4/H/65n+YooAoVd0vUf7Mumm8rzdyFMbsdwfT2oopSipKzNKVWdKaqQdmjW/4Sz/py/wDIv/1qP+Es/wCnL/yL/wDWoorD6tS7Hpf2zjv5/wAF/kH/AAln/Tl/5F/+tR/wln/Tl/5F/wDrUUUfVqXYP7Zx38/4L/IP+Es/6cv/ACL/APWo/wCEs/6cv/Iv/wBaiij6tS7B/bOO/n/Bf5B/wln/AE5f+Rf/AK1Oj8YGKRZFsVJUhgGcMOPUFcH6Giij6vS7B/bGOf2/wX+Q6fxpJczNLNabnb/poAAAMAABcAAcADgAYqP/AISz/py/8i//AFqKKf1el2/MSzjHJWU/wX+Qf8JZ/wBOX/kX/wCtR/wln/Tl/wCRf/rUUUvq1LsP+2cd/P8Agv8AIP8AhLP+nL/yL/8AWo/4Sz/py/8AIv8A9aiij6tS7B/bOO/n/Bf5B/wln/Tl/wCRf/rUf8JZ/wBOX/kX/wCtRRR9Wpdg/tnHfz/gv8g/4Sz/AKcv/Iv/ANaj/hLP+nL/AMi//Wooo+rUuwf2zjv5/wAF/kH/AAln/Tl/5F/+tR/wln/Tl/5F/wDrUUUfVqXYP7Zx38/4L/IP+Es/6cv/ACL/APWo/wCEs/6cv/Iv/wBaiij6tS7B/bOO/n/Bf5Do/GBikWRbFSVIYBnDDj1BXB+hp0/jSS5maWa03O3/AE0AAAGAAAuAAOABwAMUUU/q9Lt+Yv7Xxt78/wCC/wAiP/hLP+nL/wAi/wD1qP8AhLP+nL/yL/8AWoopfVqXYf8AbOO/n/Bf5B/wln/Tl/5F/wDrUf8ACWf9OX/kX/61FFH1al2D+2cd/P8Agv8AIP8AhLP+nL/yL/8AWo/4Sz/py/8AIv8A9aiij6tS7B/bOO/n/Bf5B/wln/Tl/wCRf/rUf8JZ/wBOX/kX/wCtRRR9Wpdg/tnHfz/gv8g/4Sz/AKcv/Iv/ANaj/hLP+nL/AMi//Wooo+rUuwf2zjv5/wAF/kH/AAln/Tl/5F/+tR/wln/Tl/5F/wDrUUUfVqXYP7Zx38/4L/Ipaprn9p2qw/Z/K2uHzvz2I9PesmiitowjBWicFfEVMRP2lV3f9dgoooqjAKKKKACiiigAooooAKKKKACiiigArpfAvhD/AITXXJtO+3fYvKtmn8zyfMzhlXGNw/vdfaiigDZ8dfDD/hCtDh1H+1/tvm3KweX9m8vGVZs53n+70964GiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAL+j/8fj/9cz/MUUUUAf/Z)

*Izvor: izrada autora*

Dolazi nam greška jer nam ne prikazuje događaje. To je zato jer nismo logirano kao user, što znači da nema svatko pristup tim događajima. Zato moramo napraviti instancu Usera unutar testnog scenarija.

*Slika 30 Popravak koda za pokretanje testa s kreiranom instancom User*

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDmRXhpZgAATU0AKgAAAAgABAE7AAIAAAAJAAAISodpAAQAAAABAAAIVJydAAEAAAASAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGtvcmlzbmlrAAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMTgAAJKSAAIAAAADMTgAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjEgMTQ6MDk6MjAAMjAyMTowNToyMSAxNDowOToyMAAAAGsAbwByAGkAcwBuAGkAawAAAP/hCxtodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTIxVDE0OjA5OjIwLjE3OTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5rb3Jpc25pazwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCACDAlcDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDw+p5LG6ja3V4HD3KB4VxlnBJAIHXkjj1/GoK3L6SezbSr4zW889uMvi5SUmTzpH+baxJyCCT79c0AUL3SL3T4/MuolCeYYiySK4Vx1UlScH2NUq2L9rW10p7OGNUklmSXi6Wc4VXHLJhR97gAZ+9njbWPQAUUUUAS3P8Ax9zf77fzqKpbn/j7m/32/nUVABRRRQApJZiWOSeST3pK6u7vLi0iIuLiL7BLpkUYtg6MXc267WMY5BDYbewBwoAP3Qas7QvZX1yLmDE2nW8McfmDezIYQ/y9RgoeuMjkZGSNnSS6mKqN9DEurV7SZY5CpLRpINvo6Bh+jCpLix8ixt7pbiKZJyy4j3ZRlCkqcgf3x0yPet+41CWGAmS7gfTpdOjh+zpLG5eTyFAJQHIZXAO5gCAmM9Ac6WydvDVqBNaFo5ppmT7XFuCskWPl3Zz8p468dKcqaV7Apt2uZ81p5NlbXP2iCT7Ru/dI+Xj2nHzjtnqPUVXrduorm68NWQmvIJWt3lcI97GWSIpHtAUtn+FvlHI9KNSkuTpNutnqEbaaLaMNbLdAFX/jDRkhifM3NnBGCMHA4Uqf5DUzCq1FY77FrqW4igTLLGJNxMrKASo2g4+8vXA569cVa1rjUWk8MWtt/o2RPKGVYIw4ULFtOQMjJB+bqcck4qIpatlyvpYyaK6GdoXsr65FzBibTreGOPzBvZkMIf5eowUPXGRyMjJBeX6z211bvcRtDHp1t5MYIx5oEIYgd3A3gnrgEdBirdNLr/Wv+RCqN9P60/zOeqSSCSGOF5Fwsyb4zkfMu4rn81I/CtnUpLk6TbrZ6hG2mi2jDWy3QBV/4w0ZIYnzNzZwRgjBwODUNRv7/Q7YnUpJYo4dlzFJd/Mz+axGULZbgpyARx7HC5Er+gc7djKmtPJsra5+0QSfaN37pHy8e04+cds9R6iq9bt1Fc3XhqyE15BK1u8rhHvYyyRFI9oCls/wt8o5HpWh9rb7B/yErT+yv7L8v7J5i583ZjHlYzv835t+OnO6q9mm/uF7RpHJUV0N5frPbXVu9xG0MenW3kxgjHmgQhiB3cDeCeuAR0GK56s5xUXZMuMnJahRXoupane6dblb29tjo1zoNvALBZYnaWVrOPy2MIJYMsgVvMcAhYwAx+VTg+IvEU8qrp0U0NxYNptjGIxgrHKsEJZxjjzQVaMscsFJToABgpN9DQ5iivT7nWol8JRRWEkN3Yvoa272h1i2iiil8v52No8YcyiUGQMCWY4IbBxTNUkvdO8KywaVqNzJHd6Naq+mxXUSJbqYoZZZViWUyMWCuW/dLxI7EkZLL2j7BY4O90g2mk2WopeW1zDds8e2EOGidFRmRtyjkCReVyOvNZ9dPcaVK/gOwC3WnF4bm6uni/tK38wRvFBt+Tfu3Hy2G3G7IxjpXUXOtRL4SiisJIbuxfQ1t3tDrFtFFFL5fzsbR4w5lEoMgYEsxwQ2Dinz2A860+wl1K5eCBkVkgmnJckDbHG0jDjvhDj3xVWvQrKf7FZqbHX7O30SfQ5laxS82tJdG0dXWSL7xcyhiGYbcbFVvuLXntVGV2ItafYS6lcvBAyKyQTTkuSBtjjaRhx3whx74qrXoVlP9is1Njr9nb6JPocytYpebWkujaOrrJF94uZQxDMNuNiq33Fqb+0pP7H/AOQ7p3/CO/8ACP8Akf2b5ybvtPlbdv2fG7zftP7zzNvTnfjio53cZ5vRXpmqSXuneFZYNK1G5kju9GtVfTYrqJEt1MUMssqxLKZGLBXLful4kdiSMls4Jp8fw1voxqEMoW2haCJ76Ib52mRpCtqF3h0G+MysxJUcfIQFaqXCxx2n2EupXLwQMiskE05LkgbY42kYcd8Ice+Kq16FZT/YrNTY6/Z2+iT6HMrWKXm1pLo2jq6yRfeLmUMQzDbjYqt9xagCafH8Nb6MahDKFtoWgie+iG+dpkaQrahd4dBvjMrMSVHHyEBTn1A5G1037VpV9ffbbOH7H5f+jyy7ZZ97Y/drj5tvU+gqlXT6XrWqXvhfX7G81K8uLSDTY/Kt5Z2aOPF1bgbVJwMA4GO1agTT4/hrfRjUIZQttC0ET30Q3ztMjSFbULvDoN8ZlZiSo4+QgKczW4HHR2Er6bLfOyRQI3loXJBmfjKoO5AO4noBjJyyhi6sJbW3t7gsksFwuY5YySu4AbkOejKSAQfUEZVlJ0NW+fwzoLwf8e6xTxSAcD7QJSzkju3lPb/N3AUZ+XAE+TwHL9o/5a6kn2TPONkTefj+79+3z03YXrt40EYtFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRTo2CSKzIsgUglGzhvY4wfyrdW1a8XTotUiiikvrmMQ+RFHE4hJwzEKB94ldpIP3W7dQDAorc1Py7jSnnY2n2iG5VStnAERFdWO0sAN2DHwRkc/ebPGHQAUUUUAS3P/AB9zf77fzqKpbn/j7m/32/nUVABRRRQBJPPJcyB5m3MEVAcAfKqhQPyAFR10N4Z9O8EWNtHL5f2+5mkuBbyhkmjCQGNZCpILK287G+ZN2SBuGeeo3AKKKKACiiigAooooAKKKKACiiigAooooAKKKKAJ7u8nvpllun3usUcQOAMKiBFHHoqgfhUFFFABWp/wkWpfYPsnmw7fK8nzvs0Xn+Xjbs87b5m3b8uN2Nvy/d4rLopWTAKKKKYBW1/wleof8++kf+CW0/8AjVYtFJpPcAooopgan/CRal9g+yebDt8ryfO+zRef5eNuzztvmbdvy43Y2/L93isuiilZIAooopgakniLUpNFbSVlhhsn2ebHb20URm2Z2+YyKGfGc/MTzz15rLoopJJbATxXk8NrPbRv+5uNvmRkAglTlWGejDJGRzhmGcMQS5vJ7vyvtD7hDEIolACqijsAOByST6kknJJNQUUwCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigB0bmORXUKSpBAZQw/EHg/Q1bv8AVrvU2LXrRSOSCZBAiucDHLAAnjtVSNQ8iqzrGGIBds4X3OMn8qtz2lv9ja5sriWVI5FjkE0IjILBiMYZs/dOenbr2AG32p3Wo7ftbo212f5IkTLNjcTtAyTgcn0qpVu/sfsItv3yTGaLzCY+VU72UjPf7vUcemRyalABRRRQBLc/8fc3++386iqW5/4+5v8Afb+dRUAFFFFAGq93bt4aGmXQnhurO6lmiAjDLIZBErK5JBTaIsjAbJbHy4ycqrmr/wDIbvv+viT/ANCNU6ACiium1Pwxa6N4Ugv9QuLtb+88p7SMW48iVGQO+HLZO1ZIwTgANlQG5ZWotkuSWjOZoq6+kX0fn74MfZ7aO6l+dflik2bG68581OByM89Dh8uiXsGmi9n+zxxlVcRvdxCYq2Np8otvwQQQdvIIPTmizHzIz6K2f+ES1v8Asv8AtD7F+5+zfa9nmp5vkbtvm+Vnfsz/ABbcY5zjmobrw7qllYreXVrshaOOYfvFLeW4BWTaDu2HcBuxt3HbndxT5Zdhc0e5mUUUVJQUUVqf2N/xMvsnn/8ALj9r37P+nbztuM/8Bz+OO1BLkluZdFXJNKuobEXUvkohUMEa4jEpB6Hy92/BBBHHQ56c1Y/4RzVf7P8Atn2X915H2nb5i+Z5WceZ5ed+3/axjHPSgXtILqZdFX7jRdQtbQXM9vsjZElHzqW2OAVfaDnacgbsYz8uc8U3+yL7+wf7Z8j/AIl/2n7J529f9bt37duc/d5zjFBSkpaplKirv9kX39g/2z5H/Ev+0/ZPO3r/AK3bv27c5+7znGK1x4ZlsvB41vU9J1R1uGdYZEBiigUKhSVyUbermTAwVzsOCc8JtIZzdFbWq6RbWPhvRr2ETG4u/O+0P9ohkiJXaVVAjFlYK67g+Dkjiobvw5qtjYLeXVrshaKOYfvELGJwCsm0HdsO4Lvxt3HbndxRzIDLore0TwzNqMMt1dbIbVbO5nTNzGkshjidlKxsdzrvTBKqRwwyCDiibCK30NL27Z/OumZbSJSB8qkbpWz1UnKLjqwfkbMMXTdgM+itL+yMeG31Y3URK3EcIt1O5gHEh3MRwvMRAXqeuANpZt1YRf2Tb6lZM7Qs3kTxuQWhlCg5JH8LjJXOD8rrzs3MwM+irv8AZF9/YP8AbPkf8S/7T9k87ev+t279u3Ofu85xiqVABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAOjCGRRKzKmRuKrkgd8DIz+YrU1i8064t7eDS/Ojhg4WKWFQSSBudnDEsxIHYAADGMc5NXL/SNS0ry/wC1NPurLzc+X9ogaPfjGcbgM4yPzoAl1GaxltLRLSa4d7eMxHzYFQMC7vnIc/3sY/XtWdVy/wBI1LSvL/tTT7qy83Pl/aIGj34xnG4DOMj86p0AFFFFAEtz/wAfc3++386iqxdFBdygpn5z396i3J/zz/WgBlFP3J/zz/Wjcn/PP9aALOr/APIbvv8Ar4k/9CNU6vasyf21e5TP+kSd/wDaNVNyf88/1oAZXbWmu6dpPw+Wzt764uWu2u0uNPkt4wjO8UAVm+diAjDcj7csVYfJya4zcn/PP9a0BoepHQ21gaXcf2crKpuipCZJIGD3GVIJHAOAeSM3FtXsRNJ2uac+vaZNpd8fLu/t95pttZbdq+VF5LQDOc5bcsOei7Txhs7hDdatYS+HFtZJZr678uNEaawiia3Ixz56sZJVCgoFbAwQeNiisLcn/PP9aNyf88/1o52HIkdhc+K7G40iIQTTWV4umizkQaTazeYVi8ri4JWRVZAAeCVyQCRgVz+r6r9tvPMtGmijeytrWVScb/KhjUggHld8eRn0B4NZ+5P+ef60bk/55/rQ5t7hGCjsMrp/+E71H+wf7K8r9z9m+zZ+33n3du37nn7Onbbt7YxxXN7k/wCef60bk/55/rUFjK6BNW0wb76T7W18bD7GkARREp8kQby+7JG3LY2jkgZwMnC3J/zz/Wjcn/PP9aCJQUtzVuNRs5NEFu8kl3cbEVDJaRxmEjHPmhi8gCgoFbAwQeNoFX5/EVpNpsYhlktblbEWrqNOt5d5Efl8TEhwGUDPBIycZGK5vcn/ADz/AFo3J/zz/Wnch0YsuajqH2q532zSRo1rBBIpON/lxopBweRuTI+gNN/4lf8AYP8Ay9/2t9p/2fI8jb/31v3fhj3qruT/AJ5/rVoaddnTW1D7DL9kUhTNg7eSR178jGexwO4oSb2NFaCSD/iV/wBg/wDL3/a32n/Z8jyNv/fW/d+GPenzX8Unhmy05Vfzre8uJ2YgbSsiQqAPfMTZ+oqoy7FRnhZQ43ITkbhkjI9eQR+Bp08RtpAk0O1iiuBuz8rKGU/kQaVupVzaludBl8JWth9t1EXdvLNc4+wx+W0kkcS7N3nZCgxfe25Ib7vGCXOv2s39pbY5h9r0i0sUyo4ki+zbiefunyGx35HA5xkzWU1vZW13Nb7YLrd5L7wd204bjqMH1qvuT/nn+tLktv8A11BNPY6tdf0HzI9RaPURqB0htPeALGYlk+ytbrKHzkqVC5TaCCSdxwFOXef8TLwzp81vy+lxPbXEQ5KIZWkSU/7JaZk4yFKrk/OorI3J/wA8/wBaNyf88/1oUUgNi2udJTwpdWU1zereTzRzhUtUaMNGsqqu7zAcHzASdvGOhpJv+Jb4T+xT8XOoXMV2Yjw0UUcbiNj/ANdPOYgHBAQNyHU1kbk/55/rRuT/AJ5/rQBqSWOmxeD4rx53/tWa72xwrNGyG3CnLFRlkYOB97GQwKg8kZFTSRtEkTy27osy742bIDrkrkeoypGfUEdqtXWlXdlpVjqVza7LTUPM+zSeYD5nlttfgHIwT3A9qLoDPop+5P8Ann+tG5P+ef60wGUVZ+yT/YPt32Kb7J5vk/aNreX5mM7N3TdjnHXFQ7k/55/rQAyirMVrJNaz3McH7m32+ZIXwAWOFUZ6scE4HOFY4wpItDQ9SOhtrA0u4/s5WVTdFSEySQMHuMqQSOAcA8kZdm9hNpbmZRT9yf8APP8AWjcn/PP9aQxlFP3J/wA8/wBaNyf88/1oAZRVm5tZLTyvtEG0TRCWJg+5XU9wRweQQfQgg4IIqHcn/PP9aAGUU/cn/PP9aNyf88/1oAZRT9yf88/1p8kbRJE8tu6LMu+NmyA65K5HqMqRn1BHagCGiurisbWbX57WPRbb7Hb3q28kxmlBAaTYoBMmCxAJwOcKxxhTjA+wz/2V/aX2f/RPP+z+ZvH+s27sY69O+MUroFrsU6Knhha48zyociNDI5LYCqO5J98AepIA5IFFvC11IY4IdzBHkI3Y+VVLMefQAmmOzIKKfuT/AJ5/rRuT/nn+tAhlFP3J/wA8/wBakt4WupDHBDuYI8hG7HyqpZjz6AE0AQUU/cn/ADz/AFqzBYz3NhdXsNvut7TZ577wNm44Xjqcn0o2Gk3sU6KuT2M9tYWt7Nb7be73+Q+8HftOG46jB9aPsM/9lf2l9n/0Tz/s/mbx/rNu7GOvTvjFK6CzKdFdXc2NraeKYtNn0W2WCa4CRyCaVt8ZfbuBEmCeCD6MCCAQRXL7k/55/rTEMop+5P8Ann+tG5P+ef60AMop+5P+ef60bk/55/rQAyin7k/55/rRuT/nn+tADKKfuT/nn+tG5P8Ann+tADKKfuT/AJ5/rRQA+z+0/boPsHm/avMXyPJzv35+XbjnOcYxzmut1jw9q/hTS7LT47e9N/dXcM8ssUDhIplVvJiikH35MO5bbnnaFPynPGUUAdb4j8PX3hTw7Dp93b3Blupo57yUwMIInVG8uJJOjtteQtjI6AH5WzyVFFABRRRQBNef8fkv+8ahqxdFDdy53Z3np9ai/d/7X6UAMop/7v8A2v0o/d/7X6UAWdX/AOQ3ff8AXxJ/6Eap1e1by/7avc7s/aJP/QjVT93/ALX6UAMr0aewfV/h7Dc6xpt3pjpHI0d5DEywTCC3hEBm39d670RlIG5jhTuavPP3f+1+lTNds9jFZs7G3hkeVEwOGcKGOevIRfy+tXGSV7kSi5WsbviG8tbdV01dMtFRtNspElijCSCZoIXaRmxlsqWUrkLlt2N2SemubCzg8KRNFok13Yy6IHE1ppCSqs+zc0rXYk3qyyhgykABVK7cYJ82/d/7X6Ufu/8Aa/Smp6vQl09EkzrNQtJh4LSdLB9NgEERxd6VGonOVBMV2f3jsxPmbeAE3gEqozoXkH2O0YXug2kGizaJCy3r2e1pLo2iMjRy/eLmUAFVO3G8sv32rg/3f+1+lWdQv/7RuUnnXaywRQAIMDbHGsannvhBn3zT50Hs2d1/Zsn9kf8AIE07/hH/AOwPO/tHyU3faPK3bvPzu837R+78vPTjZjmszU47WSx1C1WwtIUs9EsbtHihCyNM4tVZ2fqcrKwK52k/Njdljx/7v/a/Sj93/tfpQ53WwKm073Os1C0mHgtJ0sH02AQRHF3pUaic5UExXZ/eOzE+Zt4ATeASqjO7c2FnB4UiaLRJruxl0QOJrTSElVZ9m5pWuxJvVllDBlIACqV24wT5t+7/ANr9KP3f+1+lCmuwOm31GV0/2Hwr/YPm/bv+Jh9m3eX9sl/1u3ONv2PH3u3mY/2u9c3+7/2v0o/d/wC1+lZGoyutktWv/Ckc2oWc9myo7JcRoRHII4oxEZN3XcNyqQQMk4Bya5X93/tfpUjT7rZLcsxijdnVcDhmCgn/AMdH5VpCaincznFytY2NTub280GzlS2ie3WArPLFZxgRP5z4Xcq/JwVOARnd/tcyagyT291E8EQ+z6Zayo4T5y5WBcluv3WI2/d6HGea5/8Ad/7X6Ufu/wDa/SqdVvcXs0tjautOv5/DVlcnTZB5bylpY7TZmIJGVZiqjI+8dx688066gk/4R1ZFtmtIhGhxPYool6cpOfmYsfn28YXcAcLzh/u/9r9KP3f+1+lL2i10DkfcteVpf9leZ9su/wC0P+eH2RfK+9/z08zP3efudePerupf8gG0/tT/AJCXyfZ8ff8Asu0483/xzy/4tmc/J5VZH7v/AGv0o/d/7X6VkancDw4ifDW+vpLfzEt7aGdLpLNRG0skyD5bgvvdlRmRowoRWU5+YBmpa7YalZ+G7L7DpcMmiPYwStqUdjFIzSNhnD3AUsrLKWj27gQFUEHOTyn7v/a/Sj93/tfpUKL7jOu16+1TVPB+l3EVjbSWKWZS7ubbS4VW3k+1SkJ5iIPKJBjO0EZ35x83LNR0TWLvwHpV82hTL5MtwXuIdO8vNsIoCjuyqNy/6wh2zn5uetcp+7/2v0o/d/7X6UcttgOy1SO1lsNQtFsLOFLPQ7C8R4oQsjTOLVWdn6nKysCudpPzY3ZY6GqadLovg+W4TT7aWxudKtfIcaQXeCWVYWkka4eLGDmUDEjFS6gAY+Xz393/ALX6Vtf8JMfs3/Hjbfbfs32T+0P3nm+V5flbdu/y/wDV/JnZnHP3vmqXB6AdfqtpYtpupeGY9Q0t5tO09FigjW681bm18yWdtzJsIPmXeOccpgCsTULOYeCUnSwfTbcQQnF3pMaCc5UEw3ZHmOzk+Zs4ATeASqjPI/u/9r9KP3f+1+lNQt1A19W+TwzoKQf8e7RTyyEcj7QZSrgns3lJb/L2BU4+bJ6yewfV/h7Dc6xpt3pjpHI0d5DEywTCC3hEBm39d670RlIG5jhTuauGjvymmy2Lr5sDt5iBxkwvxlkPYkDaR0IxkZVSsbXbPYxWbOxt4ZHlRMDhnChjnryEX8vrW8ZJXuZyi5WsdVdaOn9l6rqUdnCLP+xLL7PMFUK0261WVk9WDeYrlehYhsFsGPULSYeC0nSwfTYBBEcXelRqJzlQTFdn947MT5m3gBN4BKqM8n+7/wBr9KP3f+1+lPnXYXI+56Tc2FnB4UiaLRJruxl0QOJrTSElVZ9m5pWuxJvVllDBlIACqV24wTzPiG8tbdV01dMtFRtNspElijCSCZoIXaRmxlsqWUrkLlt2N2Sec/d/7X6Ufu/9r9KJTutEKNOzu2a6fP4Dl+0f8stST7JnjO+JvPx/e+5b567cr03c0vK0v+yvM+2Xf9of88Psi+V97/np5mfu8/c68e9F1fm6t7e3K+VBbriOKMYXcQNznPVmIBJPoAMKqgVf3f8AtfpWZqa+pf8AIBtP7U/5CXyfZ8ff+y7Tjzf/ABzy/wCLZnPyeVXV6pp0ui+D5bhNPtpbG50q18hxpBd4JZVhaSRrh4sYOZQMSMVLqABj5fPf3f8AtfpW1/wkx+zf8eNt9t+zfZP7Q/eeb5Xl+Vt27/L/ANX8mdmcc/e+aokm7DOyubCyg8JRNFoc15Yy6Grie00dJVWfy9zSteCXerLKGDKQAFUrtxgnB16+1TVPB+l3EVjbSWKWZS7ubbS4VW3k+1SkJ5iIPKJBjO0EZ35x83PI/u/9r9KP3f8AtfpSULAdvqvya9oKQf8AHu2oTSyEcj7Qbsq4J7N5aW/y9gVOPmyeK+0z/ZfsvnSfZ9/meTvOzdjG7HTOOM10sevaWl/JM8t3LC959sSF7VSYX3hiUbzOCQNp7EYJGVUrzH7v/a/SrJV0anmrp/hfylTFzqb7mY4OLdGwAOMjdIGzyP8AVDjB52bKyubOEG2tof7Om0qaU3ZjjZpJDbPuUSHkMH3LsUg4Ukj7xPKSSiVg0ryOwUKCxycAYA+gAA/Cm/u/9r9Klxuaqdmdh9if+zv+QXZ/2P8A2R5v2zy1z53l5z5ud2/zvk2Z6cbcc0y+s303w68y2kL201hB5TDT9zRSOI2d2maPGDlwMOSCygAY45L93/tfpWl/bf7n/j1h+0+T9n+1/N5nl7PLxjds+58uducc9eankZftE0ag0dV8F3V08W9YYYpVnW2AQyPIvSbduYhSylAAoIOfmGTPZWVzZwg21tD/AGdNpU0puzHGzSSG2fcokPIYPuXYpBwpJH3ieS/d/wC1+lH7v/a/SnyPuT7RJppHTDR1XwXdXTxb1hhilWdbYBDI8i9Jt25iFLKUACgg5+YZOfaXbXei6nDPDalbe0Ro2W1jV1ImiXO8KGJwSOTznmsn93/tfpWh/a0aaXJZW1lb24mVFmmQM0koU5wSzEAFgCdoGSB24o5WHMn5aF280zUZ/CthdHS5B5bzFporPZmEJEVZiqjI++dxznnmsT7TP9l+y+dJ9n3+Z5O87N2MbsdM44zTf3f+1+lH7v8A2v0qkrESld3R26/Pcy/aP+WXidPsmeM7y3n4/vfct89duV6buef8q+/4QPzv7MtP7P8A7S2/2jtXz/N8rPk5znZt+bGMZ79q0LrXtLutat70y3cUFvcefHax2qhdxYMzEmTJZiBlj6ADCqqjCk1GWTTYrAttto237EiRC7c4LsAC5G5gCxO0EgYBNNEIpUU/93/tfpR+7/2v0pjGUU/93/tfpR+7/wBr9KAGUU/93/tfpR+7/wBr9KAGUU/93/tfpR+7/wBr9KAGUU/93/tfpRQAkZQSKZVZkyNwVsEjvg4OPyNaU6w/2bDevp8VsWmAhRTJsnUA785Yng7BkEfePXHGbGwSRWZFkCkEo2cN7HGD+VaGo6ydTmjlnsbVWj2gCMyBdi9ExvwF+mKADVLaOK3t5RBDBI7urLbS+bHgBcHdub5vmORngbeBnJzas3V79pjjiSCK3hjLMscW4jccZOWJPIVe+OPrVagAooooAluf+Pub/fb+dRVLc/8AH3N/vt/OoqACiiigC5q//Ibvv+viT/0I1Tq5q/8AyG77/r4k/wDQjVOgAooooA7m40a0l+Hf2jQNPtNRY7ZLq7DSC5tfKjQy5ViNy758ZRSqoqlizEMuFqOgWdhZkrqySXi2lveNA0WwbJUjOwMT80gMgO0DGwFtwIKif/hKIYfC9tp9lplvb3kbXCvcr5hOyWKONiN0hG51Vw2VwBgqFPNYuoX8uo3KTzqissEUACAgbY41jU898IM++a1k49DGClfU6r/hXs39hfbPtF3539m/2jn+zpPsu3b5nl/aM43+Xz93bu+Xdmsi+8PxWHh+HUJZb52nVDHJHZA2jMw3bBPv5ZRkEbeGVl7Zplz4iF7YxQ32kadcXENsLZLwiVJdqjCE7HCMyjABKnhRnOKhbWQulyWVpp1paGaNYri4iMpknUMrYbe7KMsisdqjkYGBkEfJ0GlPqzTbwtY7ZIF1nOojTV1FIDasI2XyFmaMyZ4cIWI+UqQB8wJIB/wi1j9n8n+2f+Jt/Zv9o/ZfsreVt8vzvL83Od/lfN9zbn5d2aZrXiGGXy00u2t45Dp9tbS3yCTznC26JInzNtUZBUlVBIBGSGbcz/hL7r7D5X9n6d9r+xfYP7Q8k+f5ONuPvbN2z5N+3dt4z3o9y4v3lv6/r9QvvDUFrYyyQ6j59zBZW9/ND5BVUjlEXy7s8uGmXgDaV53A/KI77w/FYeH4dQllvnadUMckdkDaMzDdsE+/llGQRt4ZWXtmq0uvXU32vdHCPtVlDZPhTwkXlbSOfvfuVz25PA4wNrIXS5LK0060tDNGsVxcRGUyTqGVsNvdlGWRWO1RyMDAyCvdKXOdB/wr2b+wvtn2i787+zf7Rz/Z0n2Xbt8zy/tGcb/L5+7t3fLuzXM/2Nqn9lf2n/Zt3/Z//P35DeV97b9/GPvcdevFXLnxEL2xihvtI064uIbYWyXhEqS7VGEJ2OEZlGACVPCjOcVjUpcv2Rw5vtGhcWET6SmpWDOYUZILmOQjdFKysQQeNysEcjuuCp6Kz3o/C1xJ4Rl1xftIjiXzWZrR1gKeaItomPDSbiDtAI25O7IK1l3V/LdW9vblUigt1xHFGCF3EDc5z1ZiAST6ADCqoGo3iu4fQrrTnsLEyXcENvNfFH89o4ipjUHdtAARAcKMhQTk81lK/QsL7w9Fp/h6HUZZb52nVDHJHYg2jMw3bBPv5ZRkMNnDKy9s0X3h6LT/AA9DqMst87TqhjkjsQbRmYbtgn38soyGGzhlZe2aqtrQXSpLKz02ztDNEsVxcRGVpJ1DK2G3uyjLIrHao5GBgZBG1oLpUllZ6bZ2hmiWK4uIjK0k6hlbDb3ZRlkVjtUcjAwMgr3hnQ/8K6m/sH7b9ovPP/s3+0c/2bJ9k27fM8v7RnG/y+fu7d3y7s1kal4fs7CzJXVkkvFs7e8a3aHYNkqRnYGJ+aQGQHaBjYC24EFRHc+IxfWEUF/o+nXFxDbLbJekSpKFUbUJ2OqMyjABKnhRnOKz9Qv5dSuUnnVFZIIYAEBA2xxrGp574QZ980oqV9WBta9pvh+z0XS59OvL5rm4szKBLZqqzH7RKhZj5zbCAmMAEHaDwWOJ59JhuvDzv4e0+x1CO3s457u7WeT7XA2FMuYi4BVWYjcsZUKR82QSMSTVzNo8Vhc2dtM0C+Xb3TFxLCm8uUADBCNzOcspPzHngYni15LWzMdlpFjbXJgaBrxGmaUqyFHOGkKZZSwPy8bjjBxgtIC7r2m+H7PRdLn068vmubizMoEtmqrMftEqFmPnNsICYwAQdoPBY4hj8LXEnhGXXF+0iOJfNZmtHWAp5oi2iY8NJuIO0Ajbk7sgrVGTVzNo8Vhc2dtM0C+Xb3TFxLCm8uUADBCNzOcspPzHngYvN4ruH0K6057CxMl3BDbzXxR/PaOIqY1B3bQAEQHCjIUE5PNHvICbXtN8P2ei6XPp15fNc3FmZQJbNVWY/aJULMfObYQExgAg7QeCxxVn8PeR9v8A9K3fY9Ntr/8A1eN/neR8nXjHn9e+3oM8VZNXM2jxWFzZ20zQL5dvdMXEsKby5QAMEI3M5yyk/MeeBi1J4oupNKnsmtbPdc20drPc+WfNkjiZDGM5wu0RqvygBhy25gGD95ASX3h6LT/D0Ooyy3ztOqGOSOxBtGZhu2CffyyjIYbOGVl7ZqC4hi07w7Z/u0e61RWmMjKG8uBZCiqufusXjkLHrtCAEAuCxtaC6VJZWem2doZoliuLiIytJOoZWw292UZZFY7VHIwMDIJLeQX3h+CC4fy7vT9ywEgkTQs27yxjoyuzvk/eDsMjaqs436iLmnRWd/pd5nR0jtrK1LzaiJJWkSUriMH5tmHl2qBsyFJ5+UvWr/wj1qulfZZrK1hlbSvtkV/JO4nmk8r7RhYd2CmwNFuKhcqx3bvkOPJ4pMvhuHRG0nTxbQbmVlMysZCMGVsSbWf0LAgdAAOKi/4SKX+zPs32K1+0fZ/sv2/959o8vdnbnft+7+7ztzs+XpSsydTd/wCEetV0r7LNZWsMraV9siv5J3E80nlfaMLDuwU2BotxULlWO7d8hwbiGK98NJqMcaRT2c6WlxsUKsqsjGJgB/FiKQMeM4Q4LF2K/wDCRS/2Z9m+xWv2j7P9l+3/ALz7R5e7O3O/b9393nbnZ8vSo7m8gg0GLTLN/NMsouruUAhWYLiOMA8/IGky3GTIRyFVi1fqNEH2Wx/sH7V/aH/Ew+0+X9h8hv8AVbc+b5nT73y7eveqVa8mo2C+D4tMitUe9a7+0yXTW6q8ahSvlh9xLqeGxhdpB+9nIyKoYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAOjQySKi7QWIALMFH4k8D6mrNxYCG3M8N1DdRq4R2iDjYSCQDuUddrdM9Oe1Vo1DyKrOsYYgF2zhfc4yfyrfmu9N0ySz/s2ZLqG3fzG2F45ZZdpxIdybQFP3V575zuNAGTqGnTaa0CzshaaIS4QnKckFWyOGBUgjsRVStTVr2zvLa0+zrcGdIyJGmmD4zI7EH5RkncDnPfGM81l0AFFFFAEtz/x9zf77fzqKpbn/j7m/wB9v51FQAUUUUAaB02J/Dx1K3uHZoZ0guYniChGcOUKMGO4YibOQuDgDd1GfW7psiw+C9XkkiS4Vru1iEUhIVWaO4xKNpB3LggAkr8xyp4xhUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUU6NzHIrqFJUggMoYfiDwfoa6GS7uNNk0863PLc3K3Mdy0TuXkto15289C+c7cjG1c9eADnKK1NW+0S2trdSX13d28pdYjdghgVxuIG5hjkDIPUEdqy6ACiiigCxcWt2kMV7cW0scF2XMMrRkJLg4baTwcHg46VXrd02NZvBerxySpbqt3ayiWQEqzLHcYiG0E7mySCQF+U5YcZwqACiiigCeW9up7WC1muZpLe23eRE8hKRbjlto6DJ5OOtQUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQA6OR4pFkiZkdCGVlOCpHQg1Zl1XUZ9nn391J5bh03zMdrDoRk8H3oooAiubu4vJBJdzyzuBtDSuWIHpk/WoaKKACiiigDatf+RD1T/sJWX/AKKuqxaKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigD/9k=)

*Izvor: izrada autora*

Nakon toga opet pokrenemo kod i dobijemo uspješan test:

*Slika 31 Test je uspješno proveden*

![Text

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDmRXhpZgAATU0AKgAAAAgABAE7AAIAAAAJAAAISodpAAQAAAABAAAIVJydAAEAAAASAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGtvcmlzbmlrAAAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMzEAAJKSAAIAAAADMzEAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADIwMjE6MDU6MjEgMTQ6MTA6MjUAMjAyMTowNToyMSAxNDoxMDoyNQAAAGsAbwByAGkAcwBuAGkAawAAAP/hCxtodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDIxLTA1LTIxVDE0OjEwOjI1LjMxMzwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5rb3Jpc25pazwvcmRmOmxpPjwvcmRmOlNlcT4NCgkJCTwvZGM6Y3JlYXRvcj48L3JkZjpEZXNjcmlwdGlvbj48L3JkZjpSREY+PC94OnhtcG1ldGE+DQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAcFBQYFBAcGBQYIBwcIChELCgkJChUPEAwRGBUaGRgVGBcbHichGx0lHRcYIi4iJSgpKywrGiAvMy8qMicqKyr/2wBDAQcICAoJChQLCxQqHBgcKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKir/wAARCACLApMDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwDw+uv1fw9o6ReI00yHU4pdCnCGaeVJopl87ysHCJsYkhgPmyFYds1yFa3iLxFfeI9Vnu724uHiaeSSC3lnaRbdXbOxc9ABgcAdBQBc8R6HBpMB+x2N9JAs/lJq32hZbW6AB5j2pgE4zjexXBU5IOOdrcfW7G20i+sdGs763W/VEuBc3yzIVVw4IVY0+YFQASTgFhjnIw6AOl1zRNMhvNattIW7ifRZHEpup1lE6CYRbl2ou1tzKdpyCCeRtAbGudO+zaXY3v2y0l+2eZ+4il3SwbGx+8XHy56j1FaeteIra/uNSn02wms5NVkZ7xprkTZBkEmxMIu0bwCc5PyqAQN27Mubmyl0uxgttP8AIu4fM+03XnM32nLZX5Dwm0ccdetAFrXNOW3Sy1G0geGx1KDzYQckI6kpKgJzwHU4GSdjJk5JrZ1fw9o6ReI00yHU4pdCnCGaeVJopl87ysHCJsYkhgPmyFYds1hxaoh8Mz6TcJnbcrdW0gjUlGxskUnggMNh6nmJRjnIf4i8RX3iPVZ7u9uLh4mnkkgt5Z2kW3V2zsXPQAYHAHQUAP1nwzc6J9oE1zaXDWlz9muRbSFvJc7toJIAO4Ix4JIxhtp4qbUvCNzptreSNqGn3Fxp+z7baQTFpbfcQOcqFbaxCtsZsEgGszWNQ/tbXL/UfK8r7ZcyT+Xu3bN7FsZwM4z1xWzqnimyvodUktdG+y3+r7Ptc5umeMYcSP5aYBXdIqt8zNgDAxmgCtf+GJNP067uZtTsWlsp0tri0TzTJHK275MmPYSNj5IYj5TgnIyzWfDNzon2gTXNpcNaXP2a5FtIW8lzu2gkgA7gjHgkjGG2niul8b3ljqsN/d28sUEL3JuLfybu1f7YWfjfDEiyK2xmYNKWK/Mp+Z643WNQ/tbXL/UfK8r7ZcyT+Xu3bN7FsZwM4z1xQBdtPDNzffYRa3NpI13cw2zBZCfs7zZ8sOQMcgMflLFdpDYPFXNS8FS6dpMl+utaTeIkbSiO1lkZnRZhCWGUAxvbAOcHBIzitCT4gq8Fgo0+4LWuqQ6gVe/LRKIwcQwx7cRR/McAZIGAS2BjD/4SD/iT/Yfs3/MO+w7/ADP+nv7Rvxj/AIDj8c9qAMauo8X+HYtBnuIrfRNYtYobtoEvr2QNFOoLAFQIl5YDcPmPAPXrXL1c1jUP7W1y/wBR8ryvtlzJP5e7ds3sWxnAzjPXFAGh4ms7O0OlnTo7cRTWCM01vNK63Dh3RpMSKpQlkPy4wMcHmmeII7T7PpF1Z2UVl9ssjLLFC8jLuE8qZG9mP3UXvT9V1bR7/TLW3tdMvoJbODyIJJL9JF2mV5CWUQrk5kYcEduuOTVdW0e/0y1t7XTL6CWzg8iCSS/SRdpleQllEK5OZGHBHbrjkAfqXhG5021vJG1DT7i40/Z9ttIJi0tvuIHOVCttYhW2M2CQDVPVdGGk7op9RtJbyKQxT2cQl8yFhncCSgQ4IwdrHnpkc1s+IfGz+IbW4WX+1oZLna0kI1VntAwILEQshIBIJC7/AJSRjgYrP1fX4r/SoNPt4r4xQspRr+9Fy0KqpUJFhE2KQfmHOdqdNvIBh1p6jaQadY2tuyb76eNLmZyT+5VgTHGAODuQq5PP3lX5SrbsytnUJ7bUI7DUZDvMccNreW6yCN/3a7FKZB4aNFy2Gw4bIAKAgBf+G5dPsZLyW+tHtv3f2aVPM23u4ZPlZQZ2dHzjaeDyQK09Z8NWFhp99JD5yC1x9nvpL2KSHU/nVD5KKoPRi5wz7Nu1uTmqt74otr+C9tLjSUWxZVGnQRTsP7OZRgFCc5DDmQYG9vmyCBT9U8Xf2jDqjpDdrd6xs+3NLeeZCdrhxsj2ArgqAu5m2qSvOc0AHiDwudEtZYTbTNd2km26m+2REYzjd9nA8xELFQsjHDAqcDeAM3VLSAWtpqVinl215vVogSRBMhG+ME8kbWRgTnAcLlipNaWqeKbK+h1SS10b7Lf6vs+1zm6Z4xhxI/lpgFd0iq3zM2AMDGaoatNFBp1lpEEiTfZWkmnkRgymaTaGVGHDKFjjGehbeQWUqaADXNOW3Sy1G0geGx1KDzYQckI6kpKgJzwHU4GSdjJk5Jp9/wCG5dPsZLyW+tHtv3f2aVPM23u4ZPlZQZ2dHzjaeDyQKZaarB/YD6VqELyRJdpdwmIKHBxtlTeQSoddpz8wBjX5TkkXL3xRbX8F7aXGkotiyqNOginYf2cyjAKE5yGHMgwN7fNkECgCtaeGbm++wi1ubSRru5htmCyE/Z3mz5YcgY5AY/KWK7SGweKual4Kl07SZL9da0m8RI2lEdrLIzOizCEsMoBje2Ac4OCRnFaEnxBV4LBRp9wWtdUh1Aq9+WiURg4hhj24ij+Y4AyQMAlsDGH/AMJB/wASf7D9m/5h32Hf5n/T39o34x/wHH457UATan4RudMh1EtqGn3E2mSBLu3gmJkjBfYH5UBhnaDtJKlgGCnIBqfhG50yHUS2oafcTaZIEu7eCYmSMF9gflQGGdoO0kqWAYKcgWfFmsWJ17XU0WFwL67lFxcvcrMsyedvHlgKAqllVv4j8qgMBu3HizWLE69rqaLC4F9dyi4uXuVmWZPO3jywFAVSyq38R+VQGA3bgDN1zTlt0stRtIHhsdSg82EHJCOpKSoCc8B1OBknYyZOSav+JvDMena5qAtbm0Syh1FrZgsjv9jDM/lhyAc5RGPylyNpDYbis2LVEPhmfSbhM7blbq2kEako2Nkik8EBhsPU8xKMc5E2p+IP7S/tj/RvL/tPUVvv9Znysed8nTn/AF3Xj7vTngAf4j0Oz0aWIWerW92Xgt5DCqy7xvhVy2WjVduTwM7sFcjOcTQ+HobfRtYlv7i3a/tbRHFkDJ5tu5uIlJf5dmdrEFdxILYIBBxQ1PUrbUreB2tZo7+OOKF5RODEyRxiNcR7MhsKuTvIzngZAGlqXimyvl1aWDRvs95rEai6l+1M6q/mxyM0akfKGZCSrFiMjBABDAEOpeEbnTbW8kbUNPuLjT9n220gmLS2+4gc5UK21iFbYzYJANU9U0YaVGom1G0ku/l82zjEvmwErkq+UChl+6wDEg8djjS1TxTZX0OqSWujfZb/AFfZ9rnN0zxjDiR/LTAK7pFVvmZsAYGM1T8Qavp+t3Ut/Dps1nf3Mnm3DC63wsxHzlUKbly3zcucZI9MAEOq6MNJ3RT6jaS3kUhins4hL5kLDO4ElAhwRg7WPPTI5p+uactullqNpA8NjqUHmwg5IR1JSVATngOpwMk7GTJyTU2r6/Ff6VBp9vFfGKFlKNf3ouWhVVKhIsImxSD8w5ztTpt5NI12Cz06Oz1CzS8itr+K+hjaNSGI+WWJiRkK6hc9RmNRt5JABZ8Q+GItG0mOSKXzbu2ufsuogTxusUrRJIqhV5GCZkJywJhPToIdT8I3OmQ6iW1DT7ibTJAl3bwTEyRgvsD8qAwztB2klSwDBTkAufF99qGn6la6nFaT/btrmSOzhhZZg4bzSyICzY8xeT/y0P42fFmsWJ17XU0WFwL67lFxcvcrMsyedvHlgKAqllVv4j8qgMBu3AFbU/CNzpkOoltQ0+4m0yQJd28ExMkYL7A/KgMM7QdpJUsAwU5A0NX8PaOkXiNNMh1OKXQpwhmnlSaKZfO8rBwibGJIYD5shWHbNQeLNYsTr2uposLgX13KLi5e5WZZk87ePLAUBVLKrfxH5VAYDduzfEXiK+8R6rPd3txcPE08kkFvLO0i26u2di56ADA4A6CgCbXLXR7fTNMm0y1vopb2A3BNxdpKqKJZI9uBGvOYwc574x3qHXNOW3Sy1G0geGx1KDzYQckI6kpKgJzwHU4GSdjJk5Jp+s6rpl/p9jb2Gn3ds9lGYUea8WUMhd5DkCJfm3SHnOMDp3p+ka7BZ6dHZ6hZpeRW1/FfQxtGpDEfLLExIyFdQueozGo28kgAs+IfDEWjaTHJFL5t3bXP2XUQJ43WKVokkVQq8jBMyE5YEwnp0EOp+EbnTIdRLahp9xNpkgS7t4JiZIwX2B+VAYZ2g7SSpYBgpyAXPi++1DT9StdTitJ/t21zJHZwwsswcN5pZEBZseYvJ/5aH8bPizWLE69rqaLC4F9dyi4uXuVmWZPO3jywFAVSyq38R+VQGA3bgCtqfhG50yHUS2oafcTaZIEu7eCYmSMF9gflQGGdoO0kqWAYKcgaGr+HtHSLxGmmQ6nFLoU4QzTypNFMvneVg4RNjEkMB82QrDtmoPFmsWJ17XU0WFwL67lFxcvcrMsyedvHlgKAqllVv4j8qgMBu3ZviLxFfeI9Vnu724uHiaeSSC3lnaRbdXbOxc9ABgcAdBQBNrlro9vpmmTaZa30Ut7Abgm4u0lVFEske3AjXnMYOc98Y71n6hp/2Ty5oJftFnPkwXAXbuxjKsMna65GVycZBBKlWN3WdV0y/wBPsbew0+7tnsozCjzXiyhkLvIcgRL826Q85xgdO9UtQ1D7X5cMEX2ezgyILcNu25xlmOBudsDLYGcAABQqgAp1sXXhjULNJ3nCIsOnQakGO4CSGVo1XZkckGUA9sqwycc49bFz4ilufCttohgRVgZSZQTllRpmQY7HNzLk9xswBtJbKp7S65O+vp/X5jVi3qngu70u0vpH1HTbi403y/t1nbzlpbbeQvOVCttcqjbGbaxANQa74Vu9B+0ie7s7lrO6+y3S2shfyJDu2AkgA7hG5+UkrtIba3FaviXx6/iW0uVm/tiGW62NJANYaSzDggsRAyEhSQSF3/KSMcDFZWreI/7U/tv/AEXyv7W1RdQ/1m7ysed8nQbv9d14+70545aLxTSdReu3l/8Abfh82+XoWoPDcFtoetzajdWzahZ2aOLFTL51s5uIUJf5dmdrkFdxKlsEBgdrNU8F3el2l9I+o6bcXGm+X9us7ectLbbyF5yoVtrlUbYzbWIBqfVPF1hfrrM1vof2a91qJRdzfa2dFk82OVmjQj5VZkJKsWIyMEAEMav4usNQh1eW00P7JqOtbPts5u2kjGHWSTyo8ArvkRW+ZnwAQMZqYvFXTaer12/u+e3xef6vQo674Vu9B+0ie7s7lrO6+y3S2shfyJDu2AkgA7hG5+UkrtIba3FH9kR2fgn+171P39/dfZ7BHDjMcYzNKOADhjGgySOZOMgEUdb1L+2fEGoan5Xk/bbqW48rdu2b3LYzgZxnGcCn61qEV9cQRWaullZQLbWyyABioJZmPJwXdnfGTt37QSAK3iqrjFSeu7/y+/8AD7ydDc8U+D10/Udfm0y8sHg028dZLGK4ZpreEylI2ORhgMoDtZmUsAwBzij4rsbGyOkHTI7YQz6cjtNbTyyLcuskkbyYlRWQlkPygYGODzUmu+JrTUbnVLjStOmspdYlZ71p7oT5UyCXYmETau8KTncflUAgbg0esaxouoaVaW1ppV/bzWUHkQSy6gki7TK8hLKIVJOZGHBHbrg5xpKulBzu++3brrrrtvp5jdhmu+FbvQftInu7O5azuvst0trIX8iQ7tgJIAO4RuflJK7SG2txR/ZEdn4J/te9T9/f3X2ewRw4zHGMzSjgA4YxoMkjmTjIBBq3iP8AtT+2/wDRfK/tbVF1D/WbvKx53ydBu/13Xj7vTniprWoRX1xBFZq6WVlAttbLIAGKglmY8nBd2d8ZO3ftBIArWCrNRjP1f3LT7/wQaGlqvgu70qHU2bUdNuZ9KlCXttbzlpIlL7A/KgMu7aDtJKl1DBTkB/jHwyujaxqz2Ets9nbai9sYIZWdrUFnMSsTwSURjwzEbSG2txU/jHW9PbxD4hj0KB1GoXkwubt7pZ1nQTbx5YVFCoWVW6sflUBgN27O1bxH/an9t/6L5X9raouof6zd5WPO+ToN3+u68fd6c8ZUniJKM5fp15f+Db5fMdifVfBd3pUOps2o6bcz6VKEvba3nLSRKX2B+VAZd20HaSVLqGCnIFHUPD13pv8AannyQt/Zd+thNsYndIfN5XI5X9y3XB5HHXGx4x1vT28Q+IY9CgdRqF5MLm7e6WdZ0E28eWFRQqFlVurH5VAYDduq614pg1XT7+GPTPs9xqN+moXVwbgvulAlDKq4AVMykqOWHOWbI2ulPEOMXJb+nl5+v4A7EGu+FbvQftInu7O5azuvst0trIX8iQ7tgJIAO4RuflJK7SG2txU/iTTtPgudETTzZ29vdWEZe7imnljlcSPG8zB4w6fMhyiqcAcZzUGreI/7U/tv/RfK/tbVF1D/AFm7ysed8nQbv9d14+7054frGsaLqGlWltaaVf281lB5EEsuoJIu0yvISyiFSTmRhwR264Oaiq94ud/O1uq9ej230+8NA8T+H7HQ5YRZaxbXpeC3kMKLL5g8yBZC+WjVdhLcDO7DLkZzjArV1XVLTVLa3ka0mj1GOKGCSYXAMLxxRiNcR7Mhtqpk7yM7uBkAZVb0VNU0p7/L9BPcKKKK2EFFFFABRRRQAUUUUAFFFFABRRRQAV0uq+GNPs11mOw1ea4u9Gk23EM9n5QkUSiJmRg75w7Jw23hs9sVzVb/AIj8VXes6lqJtpPs9hd3LyeTFCkJlUvuTzdgHmMODli2Dkg8kkAhuvD/ANm1HxBa/ad39jb/AJvLx5224SHpn5fv7u/THvVzVfDGn2a6zHYavNcXejSbbiGez8oSKJREzIwd84dk4bbw2e2Kn1bxrc6rN4jjuL3UJrHUd32O3mlLLD/pCSLlSxC4RWHGcZx0ql4j8VXes6lqJtpPs9hd3LyeTFCkJlUvuTzdgHmMODli2Dkg8kkAhuvD/wBm1HxBa/ad39jb/m8vHnbbhIemfl+/u79Me9Q6r4e1TRd39p2vklJDFIvmKzRtzgMFJK7gCVzjcASuRzWrqWuaPPFrt3ai+fUNbbLxSRokVsrTLM4DBiZDuRVBwnGSR2qtrGu22of295KTL/aWrLew7wBtQefw3PDfvV6ZHB59QBmu6LDYXel29lvDXVpG8jz3UDxtKWZGKSIxUR7lIyxyMHNM17w3caC0ZlubSdHjhf8AdXUTsC8QfGxXLYGSN2MHgjqKm1m50O50mxisLzUHuLG2MCLNYoiy5meQksJWK8SEYwfu9s8VtYvLHUobe6jkuEvVggt5LdoV8sLFEse4SbsknYDjYMbiMnGSAZNdLqnhaysYdUjtdZ+1X+kbPtcBtWSM5cRv5b5JbbIyr8yrkHIziuarpb3xQZNBms47ma5mv40W7aSzigGVZXLFkJad9y8SPggF+CXJABzVbPiHStM0e+ubG01C7uru1uXglEtmsUfykgkMJWJ5HAIHB/CqVz/Zn9l2P2P7X9v/AHn2zzdvlfe+Ty8c9Oue/StnXdetr/Q0s/7R1bWLv7SJftWpgL5CBSNka73PzFssdwHyJxxmgDmq3Nc8My6FpWn3F3K63ly0iXFm8RRrZlWN1BOeSUlRsYGM4PIOKyXOmWcOlXNnDNPfwyNJeRXiq1tJhwUVQOSCBhgfwq/q3ia11TQEtDpFvFeG7muJJ1knYguIvmBeVssxRg24EYxjBJNAHO10XiLwff6Nd6pJFbu2n2V20O9pUaSNCzCNpEB3KGAyGKgHIx1Fc7XS65remTXmtXOkNdyvrUjmUXUCxCBDMJdq7Xbc25VG44AAPB3AqAYz6Tex+fvhx9nto7qX51+WKTZsbrznzU4HIzz0OKddlr+oanYeDbDSNViu7W8njjR4p2ZWNvDJMYywI6FpSoU/d+zqejLjjaANnxBo1toN1Lp73N2+pW8nlzxSWgjiHHLI+8swPBUlFyDnjpRf+Etb0yxku72y8uOHy/PUSo0kHmDKeYgJaPP+0Bzx1q5Prdnb+F7rR7TUdQ1GCbZ5MF7aJHHasH3eZGfMchiN6kALkSEk8YN3xJ4rsdXh1CWwmmtn1Da0tqdJtV5Lq7KblCHYBhkErk4Ge5oAz/EXg+/0a71SSK3dtPsrtod7So0kaFmEbSIDuUMBkMVAORjqKybnSb20sYry4h2wy4wd6ll3DK7lBym5QWXcBuAJGRzWzrmt6ZNea1c6Q13K+tSOZRdQLEIEMwl2rtdtzblUbjgAA8HcCs+t+INHu/CjafpkE0M0l7HOI/scMUcESo6iPzFO+VgXxvfkgZwDnIBjXPh++tPKFybSJ5ZBF5TXsPmRse0ib90eOh3gbTwcVNr3hu40FozLc2k6PHC/7q6idgXiD42K5bAyRuxg8EdRU2u6rYX1ikcUs19d+YHN3PYxWsgGDuDGNmMzMSpLOcgr33Gq2sXljqUNvdRyXCXqwQW8lu0K+WFiiWPcJN2STsBxsGNxGTjJAH+I9Kt9Jk09LUTfv7JJZWeeGZXk3MrmNoiRsypAyc8HNUrnSb20sYry4h2wy4wd6ll3DK7lBym5QWXcBuAJGRzWnrNzodzpNjFYXmoPcWNsYEWaxRFlzM8hJYSsV4kIxg/d7Z4u634g0e78KNp+mQTQzSXsc4j+xwxRwRKjqI/MU75WBfG9+SBnAOcgGNqvh7VNF3f2na+SUkMUi+YrNG3OAwUkruAJXONwBK5HNZlb+sa7bah/b3kpMv8AaWrLew7wBtQefw3PDfvV6ZHB59cCgDpdV8LW1ousjTr27un0WTZdtNZCKL/WiL5XEjZYscgEDIDHPGDTv/CWt6ZYyXd7ZeXHD5fnqJUaSDzBlPMQEtHn/aA5461s+JfFltqy6qU1LVtQS+kLQWl/GFissyhwyHzX+YKDGMKvDtyOhPEniux1eHUJbCaa2fUNrS2p0m1XkurspuUIdgGGQSuTgZ7mgDA1Xw9qmi7v7TtfJKSGKRfMVmjbnAYKSV3AErnG4AlcjmrK+DtadFKwW5Zp47cxfbYfMWWQ4WNk37lbIPykAja2cYOK2u6r/aeuarc2zTJaX17JciJzjOWYqWAONwDkd8ZPrXoOvS21hrz61BbXFrp8OsR6jNIbJkj1DbMdpileZxI22R2UKEVlLN/CAADitS8Ea/pGnyXt/aRRwR7tzLdwuflcRt8quScOyqcDgnnFZlzpN7aWMV5cQ7YZcYO9Sy7hldyg5TcoLLuA3AEjI5rT/t22/sH7Fsm8z+yfsWcDbv8At32jPXps49c9sc1d1vxBo934UbT9MgmhmkvY5xH9jhijgiVHUR+Yp3ysC+N78kDOAc5AMbVfD2qaLu/tO18kpIYpF8xWaNucBgpJXcASucbgCVyOaNV8Papou7+07XySkhikXzFZo25wGCkldwBK5xuAJXI5q5rGu22of295KTL/AGlqy3sO8AbUHn8Nzw371emRwefU1jXbbUP7e8lJl/tLVlvYd4A2oPP4bnhv3q9Mjg8+oBgVcudJvbSxivLiHbDLjB3qWXcMruUHKblBZdwG4AkZHNU66zW/EGj3fhRtP0yCaGaS9jnEf2OGKOCJUdRH5infKwL43vyQM4BzkAxtV8Papou7+07XySkhikXzFZo25wGCkldwBK5xuAJXI5qzbeG5v7C1DUb3ZEILRJ4YxcR+YS00SgtFneFKuSCQAcqc4Iy/WNdttQ/t7yUmX+0tWW9h3gDag8/hueG/er0yODz63dV13Q7lteu7JNQF3rUYLRzBPLt3M8crruBy4JVsNhSAACDnKgHJ1oX2i3unWkNxd/Z0WZUdEW6ieTa671JjViygqQckDqPWs+tzxNeaPquo3OqabJfR3F7OZ5rW4hTZEzZZwsobLDceMoOOvI5AGX/hLW9MsZLu9svLjh8vz1EqNJB5gynmICWjz/tAc8daZf8AhjVtMnWG/tkgcz+QweeP905JwHO75AQCVLYDKCwJAzWtq+u6HcLrl5p6ah9u1vbvhnCCK2zKs0mHBJk+dAF+VMAnOTVLWNdttQ/t7yUmX+0tWW9h3gDag8/hueG/er0yODz6gEOveG7jQWjMtzaTo8cL/urqJ2BeIPjYrlsDJG7GDwR1FQ6r4e1TRd39p2vklJDFIvmKzRtzgMFJK7gCVzjcASuRzT9YvLHUobe6jkuEvVggt5LdoV8sLFEse4SbsknYDjYMbiMnGSzXdV/tPXNVubZpktL69kuRE5xnLMVLAHG4ByO+Mn1oAm8R6Vb6TJp6Wom/f2SSys88MyvJuZXMbREjZlSBk54Oas+IvB9/o13qkkVu7afZXbQ72lRpI0LMI2kQHcoYDIYqAcjHUUzWbnQ7nSbGKwvNQe4sbYwIs1iiLLmZ5CSwlYrxIRjB+72zxNrmt6ZNea1c6Q13K+tSOZRdQLEIEMwl2rtdtzblUbjgAA8HcCoBlSaJfxT3MU0SRta3a2c5eZFWOVi4ClicY/dv82cDHJqzr3hu40FozLc2k6PHC/7q6idgXiD42K5bAyRuxg8EdRVzXNd0zULHU/siXYu9T1FL+XzQoji4mzGMEk4MvDnG4fwrj5qGsXljqUNvdRyXCXqwQW8lu0K+WFiiWPcJN2STsBxsGNxGTjJAH3/hLW9MsZLu9svLjh8vz1EqNJB5gynmICWjz/tAc8dah1Xw9qmi7v7TtfJKSGKRfMVmjbnAYKSV3AErnG4AlcjmtnV9d0O4XXLzT01D7dre3fDOEEVtmVZpMOCTJ86AL8qYBOcmsbXdV/tPXNVubZpktL69kuRE5xnLMVLAHG4ByO+Mn1oAZf6Le6bAst59nQlthiF1E0qNg8PGGLoRjBDAYPBweKz639d1WwvrFI4pZr678wObuexitZAMHcGMbMZmYlSWc5BXvuNZlz/Zn9l2P2P7X9v/AHn2zzdvlfe+Ty8c9Oue/SgCnRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRVy5077Npdje/bLSX7Z5n7iKXdLBsbH7xcfLnqPUUAU6KuXOnfZtLsb37ZaS/bPM/cRS7pYNjY/eLj5c9R6ii5077Npdje/bLSX7Z5n7iKXdLBsbH7xcfLnqPUUAU6KKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArQv9FvdOgWaf7PJEW2GS2uorhVYgkBjGzbSQDgHGdpxnBrPrpdTVLLwobOVNPt53uYWCWF4tz9pCJIGkkIkcIwLDAGwHzG4OBtAOaqzDYSzadc325Egt2SNixOWd87VAHfCucnAwp5yQDWrf125ey0fT/DqDy/su65vVVm+e5k7MCcBkjCIRgFWEg56kAwK0L/AEW906BZp/s8kRbYZLa6iuFViCQGMbNtJAOAcZ2nGcGs+ul1NUsvChs5U0+3ne5hYJYXi3P2kIkgaSQiRwjAsMAbAfMbg4G0A5qrL2EsWnR3kzJGszYhjYnfKoyC4H90EbcnGTkDO1ttatnxJ802nSxf8ekmnW/2cDhRtTZLgdv3yzZ9Tlud2SAZ82nXdvp1tfzwPHa3bOsEjcCQpjdj2BYDPTOR2OLV54e1Gw02O/uo4lgfysbLmN2XzELx7kViy7lBIyBWlqNvcSeBtPknvLSaSG5llZP7QieVYmjt0jGwOW48sjbjKheQBWz4iv7MWev3lomnpBrOxoTFdJNdyNJKk+ZF3ZjCBHUqAvzMgPmY3gA5r/hE9Y8u0cW8TfbJIIolS6iZt0y7ogyhspuAyNwFF74YvLLSzqhkil01togvIw4juGLMNiblDbhsfO4DAT/aTd1GuXVrNFrc9iumRxa60YgYXsb3LvLMk+Zct+5VArqwwoBZQS+N4p6xLpWtWlw7a3cXYsVdI7m5kCSSuFBErRtlpTK/7sbSDGkcZfIFAHJ39hLp86pIySJIvmQzRklJkJIDKTjjIIwQCCCCAQQK1bOofJ4T0ZJ/+PhpLmWMnk/ZyUVAD2HmJP8AL2JY4+bJxqACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKm+1z/AGH7GXzB5nmhCAdrYwSD1GRjOOu1c52jENFABRRRQAUUUUATXd3PfXT3F0++R8ZIAAAAwFAHAAAAAGAAABgCoaKKACiiigAop8M0tvPHNbyPFLGwdJEYqyMDkEEdCD3rpfEevaxd6BokN1qt9NFc2DPPHJcuyysLqYAsCeSAq8n+6PSgDnbmzubPyvtdvNB50Yli81CvmIejDPUHHBHFQ12UiW+t+I/Bq3Vvtt76OGKW3E8rqqC7ki2qXdmUbVHAOBzjFTalDoF34XkuLDw/FYXDac18sq3U0hT/AE4QKmGbB+QNkkck8BcUAcPRXd+LtJ8NaOmrabElvb31m0a2myS6NxIQQG84SRiIhlJcFNoGABuBzXL3yRroOlsmjzWjt52+/d3K3vzDG0EbRs+6duevNAGZRRXoniaeBtP8Q6c+oXd5aWfktp6NlbW2AdVgWIk5kZrdnOeAQrN+84cAHndFeieJp4G0/wAQ6c+oXd5aWfktp6NlbW2AdVgWIk5kZrdnOeAQrN+84ccdfJGug6WyaPNaO3nb793cre/MMbQRtGz7p25680AZlFeieJp4G0/xDpz6hd3lpZ+S2no2VtbYB1WBYiTmRmt2c54BCs37zhweJp4G0/xDpz6hd3lpZ+S2no2VtbYB1WBYiTmRmt2c54BCs37zhwAed0VNLZ3MNrBczW80dvcbvJldCFl2nDbT0ODwcdK7jxZZbl17TbUatBZ6BIsiRTPi1AaURoqxAfKxWQsJCzFwrMRlzgA4Giu+8WWW5de021GrQWegSLIkUz4tQGlEaKsQHysVkLCQsxcKzEZc4oahc6rD4QaXxFevL/aSp/Z2myuf3EYcN9oSP7sa4UxoAFyrtj5RyAchRU0tncw2sFzNbzR29xu8mV0IWXacNtPQ4PBx0qGgAor1HxRqmnvYeJ9O05PLuVjkF+Ej2x4hv4orZFHQbIsj5QAQwzkjhl14e8KW/ij+wZobeOeO/tYIUSW7+0TKZUSQTb0EeHRi4MZXGBgsDmgDzGiu41KHQLvwvJcWHh+KwuG05r5ZVuppCn+nCBUwzYPyBskjkngLijXdG06FfE1jb6BNZHQ/K8q9M0jNL+9WP96G+T94HMi7QuNvGRmgDh6K6LxYmjWuq6np2nae9pJZX7wwsJWk8yMM4beWPUEJt2gfKW3FjhqtX2jaRB4XfWIhN/pFlaJbwlP9XcM8iyuTv5B+yzEcf8tRwNtAHJ0Vp3yRroOlsmjzWjt52+/d3K3vzDG0EbRs+6duevNZlABRXX6hc6rD4QaXxFevL/aSp/Z2myuf3EYcN9oSP7sa4UxoAFyrtj5Ryahc6rD4QaXxFevL/aSp/Z2myuf3EYcN9oSP7sa4UxoAFyrtj5RyAchRU0tncw2sFzNbzR29xu8mV0IWXacNtPQ4PBx0rvvE08Daf4h059Qu7y0s/JbT0bK2tsA6rAsRJzIzW7Oc8AhWb95w4APO6K9E8TTwNp/iHTn1C7vLSz8ltPRsra2wDqsCxEnMjNbs5zwCFZv3nDjzugAor1HxRqmnvYeJ9O05PLuVjkF+Ej2x4hv4orZFHQbIsj5QAQwzkjir4s1CK9k8X2ralqeoy207OsF7hYLNRdKpMQ3vubLKgOEwjP67aAPOKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACnvNLKkaSSO6xLsjVmJCLktgegyxOPUn1plFAGtL4q8QzoEn17U5FDK4V7yQgMpDKeT1BAIPYgVn/bLnyfK+0TeX5flbN527N+/bj03/NjpnnrUNFAGhLr2sT6cNPn1W+ksgqoLZ7lzGFXG0bScYGBgdsCqst5czWsFtNcTSW9vu8mJ3JWLccttHQZPJx1qGigAq5c6xqd5YxWV3qN3PaQ48qCWdmjjwMDCk4GAcDHaqdFAFy51jU7yxisrvUbue0hx5UEs7NHHgYGFJwMA4GO1Qy3lzNawW01xNJb2+7yYnclYtxy20dBk8nHWoaKALlzrGp3ljFZXeo3c9pDjyoJZ2aOPAwMKTgYBwMdqLnWNTvLGKyu9Ru57SHHlQSzs0ceBgYUnAwDgY7VTooAmlvLma1gtpriaS3t93kxO5Kxbjlto6DJ5OOtTXOsaneWMVld6jdz2kOPKglnZo48DAwpOBgHAx2qnRQBcudY1O8sYrK71G7ntIceVBLOzRx4GBhScDAOBjtU934k1y/tXtr/WdQubd8b4prp3VsHIyCcHkA1mUUAaF9rE9/p1jYMqRWtirCKNGYjc2N7/ADMcFioJAwuckAZOc+iigCZ7y5kkuJHuJme6z57FyTNlgx3H+L5gDz3ANXR4k1wWsVsNZ1AW8Ozy4hdPtTYQUwM4G0gEemBisyigCb7Zc+T5X2iby/L8rZvO3Zv37cem/wCbHTPPWprnWNTvLGKyu9Ru57SHHlQSzs0ceBgYUnAwDgY7VTooAfNNLcTyTXEjyyyMXeR2LM7E5JJPUk960NU1K2urW0s9MtZrSztt7+XNOJmeVyNzlgi9VWNcAYGzPUknMooAmlvLma1gtpriaS3t93kxO5Kxbjlto6DJ5OOtQ0UUAad34k1y/tXtr/WdQubd8b4prp3VsHIyCcHkA0XfiTXL+1e2v9Z1C5t3xvimundWwcjIJweQDWZRQBNLeXM1rBbTXE0lvb7vJidyVi3HLbR0GTycdamudY1O8sYrK71G7ntIceVBLOzRx4GBhScDAOBjtVOigC5c6xqd5YxWV3qN3PaQ48qCWdmjjwMDCk4GAcDHaqdFFAEz3lzJJcSPcTM91nz2LkmbLBjuP8XzAHnuAatX+vaxqkCw6nqt9eRK28R3Fy8ihsEZwSecE8+9Z9FABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBJbwSXVzFbwLullcIi5AyxOAOa3P+EG8Rf9A7/yPH/8VWLaXv8AZt9BfeX5n2WRZtm7G7ac4z26V7GHvNO1CyS5vWvVvpTEytGqCJhG8mU2jO35CNrFjyPm4O6JSa2PKx+Lq4drktrfe/Q82/4QbxF/0Dv/ACPH/wDFUf8ACDeIv+gd/wCR4/8A4qvQvDWpXetabY3Ly7Ujgj88lQHnlMYJyuPkUbsjgFsgjC4371ZupJHmVM2xNOXK1G/z/wAzx/8A4QbxF/0Dv/I8f/xVH/CDeIv+gd/5Hj/+Kr07TZZL65ub13YRJLJbQRA4ACNtdmHdi6tg84ULjBLZq6dczprpsje3d3H5UjSG9t1iKsrIB5eETep3NkjcBheRkbn7SQ/7VxOukdPJ/wCZ53/wg3iL/oHf+R4//iqP+EG8Rf8AQO/8jx//ABVeuymQQuYVV5Ap2K7bQT2BODge+D9KyfD17qt7DK+pQWyxrPcIJI5yzZWZlC7fLUYAGN2cnAJHJwvaSJWbYlxcrR09f8zzj/hBvEX/AEDv/I8f/wAVR/wg3iL/AKB3/keP/wCKrt9H8ax6rqFnAIbZY77f5Iivklmj2gsPNjH3MqCeC2DgHGa0NL1u41Xzzbw2X7uPIi+2kzRufupMgT92eCDy2CCOafPI1nmWMh8UY/18zzj/AIQbxF/0Dv8AyPH/APFUf8IN4i/6B3/keP8A+Kr0fw9e6rewyvqUFssaz3CCSOcs2VmZQu3y1GABjdnJwCRycO0bWpNXmkxHaJHGoLIl3vniJ6LLHsGxuDkbjggjnrRzyJlmmKi37sdP67nm3/CDeIv+gd/5Hj/+Ko/4QbxF/wBA7/yPH/8AFV7BRS9ozH+2sR2X4/5nj/8Awg3iL/oHf+R4/wD4qj/hBvEX/QO/8jx//FV6Jp1zOmumyN7d3cflSNIb23WIqysgHl4RN6nc2SNwGF5GRu3KPaMueb4mDs1H7n/meP8A/CDeIv8AoHf+R4//AIqj/hBvEX/QO/8AI8f/AMVXpNlr8N5rs2mr5BeNZGHlXCyOoRgreYo+4SWG0ZJIznaRijRtak1eaTEdokcagsiXe+eInossewbG4ORuOCCOetPnkU80xaTbitP67nm3/CDeIv8AoHf+R4//AIqj/hBvEX/QO/8AI8f/AMVXpOja1Jq80mI7RI41BZEu988RPRZY9g2NwcjccEEc9azdH8ax6rqFnAIbZY77f5Iivklmj2gsPNjH3MqCeC2DgHGaOeRX9pYzX3Vpv/VziP8AhBvEX/QO/wDI8f8A8VR/wg3iL/oHf+R4/wD4qvR9K1q91OzgnOl+QLq0+0W+6bcucL8rsFwmSwK43EqCSFI20eHr3Vb2GV9SgtljWe4QSRzlmyszKF2+WowAMbs5OASOTg55ClmmKim2o6f13POP+EG8Rf8AQO/8jx//ABVH/CDeIv8AoHf+R4//AIqvR/DpuA2qR3hkMyXzble6M6pujRwqEopCgPgLjjnmotO8Q3d5Lp0lxpf2ez1Pd9mlFwHcfKXTemBt3IpPBbHQ0c8geaYq7so6f5X7nnv/AAg3iL/oHf8AkeP/AOKo/wCEG8Rf9A7/AMjx/wDxVej6Nr0up/YzcWP2UX1p9qgHnBztGzduwABzIu3BOR12ninaNrUmrzSYjtEjjUFkS73zxE9Flj2DY3ByNxwQRz1o55BLNMXG94x0/rueZXHg3XrW2luJ7DbFEhd286M4UDJPDVh169eyyQ6Tr2mTO0v2eyaWF2O5jE6OAGY8lgyOM/3duSTk15DVxk3uergcVUxEZOdtOwUUUVZ6IUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBb0kQHWrIXgjNubiPzRLjZt3DO7PGMdc16tbXOiQXCyzeIIrvys/Z1uLuNhBkY4IwWOONzFmxnn5mz49RUyjzHBi8EsS03Kx7DZz+H7COzW21m1U2kC2+77VHmWNVwqv2ODyDwQc4wGYG/8A2/o//QWsf/AlP8a8PoqPZnDLJoSd3NnsNjq2mWN5cQrqdi1pNI1xEwuo/wB0zEF0IJycsWcHn7zD5Qq5LS70i3vBdXPiSK9mWNo42nuIB5asQWACBQclV65+7xjnPj1FP2ZTyiD+2/uR7h/b+j/9Bax/8CU/xqlaX2jWVzK8PiCDyJGd/srXEJjRmbczA43ZLFjyxHzHjpjy/wASWkFh4r1aztE8u3t72aKJMk7VVyAMnk8DvWZS9miVk0Erc7/A9c02TSNK8qO28UhrSHIjtJbqB0VTnC7iu/Azx83YDpUtpd6Rb3gurnxJFezLG0cbT3EA8tWILABAoOSq9c/d4xznx6in7Mp5TFttzevkj2O0vtGsrmV4fEEHkSM7/ZWuITGjM25mBxuyWLHliPmPHTDbS70i3vBdXPiSK9mWNo42nuIB5asQWACBQclV65+7xjnPj1FL2Yv7Ij/O/uR69YalZQ6tqN5da7ZmO5ZBDb/b1kSMICNwzjaWyMqM8jO4540v7f0f/oLWP/gSn+NeH0UezQpZNCTu5s9htLvSLe8F1c+JIr2ZY2jjae4gHlqxBYAIFByVXrn7vGOc3/7f0f8A6C1j/wCBKf414fRR7NBLJoSes39yPWdPXQdO1KO7j8RJKsNsbWC3ku4jHDHlThQADn5VGSSSAMk1YtLvSLe8F1c+JIr2ZY2jjae4gHlqxBYAIFByVXrn7vGOc8H4z0my0n+wP7Ph8r7ZottdT/Ozb5X3bm5JxnA4HFafxX8PaX4a8V21nolr9mt3sllZPMZ8sXcE5Yk9FFP2fmW8pUt5v7kdTaXekW94Lq58SRXsyxtHG09xAPLViCwAQKDkqvXP3eMc5i02TSNK8qO28UhrSHIjtJbqB0VTnC7iu/Azx83YDpXkdFHsxf2TG1ud/cj2iw1PQ9P022sodXs2jtoliQvcoSQoAGeevFRWl9o1lcyvD4gg8iRnf7K1xCY0Zm3MwON2SxY8sR8x46Y8crTgtIH8KX94yZuIb22iR8nhXScsMdOSi/l9aXsxf2PDX33r6HpNhLpdjey3H/CWCfzpPMljlnttsjbAgJ2oCMBV6EdPrUVjB4fsLi1dfEYmhst/2S2mvozHBuBHGMM2FJUbi2ATivKKKfs/Mr+yl/O/uR7DZz+H7L7B5Ws2p+wWhtIt11Hyh2cn3/dr0x1PFFpd6Rb3gurnxJFezLG0cbT3EA8tWILABAoOSq9c/d4xznx6tPxJaQWHivVrO0Ty7e3vZookyTtVXIAyeTwO9Hs/MX9kRf239yPQLvUtPl0fWbubULP7XeWrJHAtyjNHGqNsj4OC25nY4zy+MsADXllafiS0gsPFerWdonl29vezRRJknaquQBk8ngd6zKqMbHfhcKsMmk73CiiiqOwKKKKACitPxJaQWHivVrO0Ty7e3vZookyTtVXIAyeTwO9HiS0gsPFerWdonl29vezRRJknaquQBk8ngd6AMyiitPSrSC503WpZk3Pa2SywnJG1jcQpn3+V2HPrQBmUUUUAFFFafiS0gsPFerWdonl29vezRRJknaquQBk8ngd6AMyiiigAooooAKKK0/ElpBYeK9Ws7RPLt7e9miiTJO1VcgDJ5PA70AZlFFFABRRRQAUUUUAPhhluJ44beN5ZZGCJGilmdicAADqSe1ac3hXxDbwSTXGg6nFFGpd5Hs5FVFAySSRwAO9P8H/8jzoX/YRt/wD0YtfSvjD/AJEbXf8AsHXH/otqAPlGiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAP/9k=)

*Izvor: izrada autora*

Instanca simulira ulogiranog usera , te tako pretražujemo i testiramo sve rute za koje je potrebno biti ulogiran kao User.

Za testiranje specifičnih funkcija koje zahtijevaju nekakvo računanje ili kalkuliranje (mogu biti i CRUD operacije) koristimo Unit testing koji se izvodi na isti način kao i Feature , samo se funkcija definira u datoteci unutar Unit foldera. Također Unit testing nam služi za testiranje modela, odnosno testiramo upisivanje podataka u njih.

### PHPUnit Feature testing

Nakon primjera koji smo izveli za Feature testing, a kojim smo testirali ispravnost rute, odlučili smo se napraviti testiranje upisa svih podataka u bazu podataka te smo kreirali test za izradu događaja, upita, registracije i prijave na događaje, ali i test s kojim se provjerava prijava u aplikaciju s ispravnim ili neispravnim korisničkim podacima.

1. U testu za izradu događaja kreirali smo instancu User kako je napisano i za ogledni test, nakon toga smo pozvali metodu POST i rutu koja slijedi nakon spremanja određenog događaja u bazu podataka te dali vrijednosti svim atributima iz tablice događaja. Očekivani rezultat testa je 200, odnosno da je test uspješno proveden.

*Slika 32 Kod za testiranje izrade događaja*

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

1. U testu za izradu upita također je kreirana instanca Usera te se koristi POST metoda, daju se vrijednosti svim atributima iz tablice Upit te se kao rezultat testa očekuje potvrda i preusmjeravanje korisnika na sve događaje, kako to izgleda i u aplikaciji.

*Slika 33 Kod za testiranje izrade upita*

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

1. Test za izradu korisnika, odnosno registracije sastoji se samo od varijable „response“ u kojoj se poziva POST metoda i odgovarajuća ruta, varijabli su proslijeđeni vrijednosti atributa iz tablice User te se kao rezultat testa očekuje preusmjeravanje korisnika na početnu stranicu aplikacije.

*Slika 34 Kod za testiranje registracije, odnosno izrade korisnika*

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

1. Test za izradu prijave korisnika na događaj opet koristi instancu User te pozivom odgovarajuće metode, rute i davanjem vrijednosti atributima iz tablice „User\_on\_dogadaj“ očekujemo da će se test provesti uspješno.

*Slika 35 Kod za testiranje izrade korisnika na događaju*

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

1. Test za prijavu s ispravnim korisničkim podacima daje varijabli „response“ vrijednosti za atribute email-a i lozinke te se očekuje da će test biti uspješno proveden, a korisnik preusmjeren na početnu stranicu.

*Slika 36 Kod za testiranje prijave s ispravnim korisničkim podacima*

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

1. Testiranje prijave s pogrešnim korisničkim podacima napravljeno je jednako kao u prethodnom primjeru, no izmijenjen je email jednog od registriranih korisnika te se od ovog testa očekuje potvrda tvrdnje da test ima grešku u atributu email-a.

*Slika 37 Kod za testiranje prijave s pogrešnim korisničkim podacima*

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

## Testiranje sigurnosti

Testiranje sigurnosti softvera koristimo kako bismo osigurali da podaci unutar nekog informacijskog sustava ostaju sigurni i da im neodobreni korisnici ne mogu pristupiti, koristimo sigurnosno testiranje. Uspješno sigurnosno testiranje štiti web aplikacije od ozbiljnog zlonamjernog softvera i drugih zlonamjernih prijetnji koje bi mogle dovesti do pada ili neočekivanog ponašanja.

Ispitivanje sigurnosti softvera postupak je procjene i testiranja sustava radi otkrivanja sigurnosnih rizika i ranjivosti sustava i njegovih podataka.

Sigurnosno testiranje provodi se proizvoljno, ovisno o tome što korisnik točno želi testirati, to mogu biti:

* Procjene ranjivosti (Vulnerability Assessment) – skeniranje sustava i analiziranje sigurnosnih problema
* Ispitivanje prodora (Penetration testing) – sustav prolazi analizu i napad simuliranih zlonamjernih napadača
* Runtime test – sustav prolazi analizu i sigurnosno testiranje krajnjeg korisnika
* Pregled koda (Code Review) – sistemski kod prolazi kroz detalnji pregled i analizu tražeći posebno sigurnosne ranjivosti

### Zed Attack Proxy

Za testiranje sigurnosti odlučili smo isprobati alat Zed Attack Proxy. To je besplatni alat za testiranje penetracije otvorenog koda koji se održava pod okriljem projekta Open Web Application Security Project (OWASP). ZAP je dizajniran posebno za testiranje web aplikacije. ZAP se nalazi između preglednika testera i web aplikacije tako da može presretati i pregledavati poruke poslane između preglednika i web aplikacije. Po potrebi može mijenjati sadržaj i zatim prosljeđivati te pakete na odredište.

Zed Attack Proxy pruža funkcionalnosti koje pokrivaju raspon razina vještina od programera, ljudi koji se tek upoznaju sa testiranjem softvera do specijalista za softversko testiranje.

Neke ranjivosti koje ZAP može otkriti su pogreške u aplikaciji, nedostajanje anti-CSRF tokena i sigurnosnih zaglavlja, otkrivanje privatnih IP adresa, ID sesije u prepisivanju URL-a, SQL injection i XSS injection.

Prednosti koje pruža korištenje ovog alata su automatsko skeniranje, koje je vrlo jednostavno za početnike, lako korištenje i dobra dokumentacija alata na Internet stranicama, podržava puno platformi odnosno preglednika za, ima intuitivno korisničko sučelje, pruža podršku za autentifikaciju i prilikom traženja i pronalaska ranjivosti pruža njihove opise, mogućnosti rješenja te reference na kojima se može saznati više.

**Test**

Nakon preuzimanja alata sa službene stranice OWASP-a i njegove instalacije. Pokrećemo aplikaciju i vidimo korisničko sučelje koje nam odmah prikazuje karticu za Quick Start u kojoj možemo izabrati tri opcije: automatsko skeniranje, ručno istraživanje i učenje. Također na korisničkom sučelju s desne strane možemo vidjeti Tree Window koji nam prikazuje popis stranica koje su se pretraživale te informacijski prozor na dnu koji prikazuje detalje automatskog testiranja i sadrži više kartica iz kojih možemo iščitati informacije.

*Slika 38 Korisničko sučelje ZAP-a*

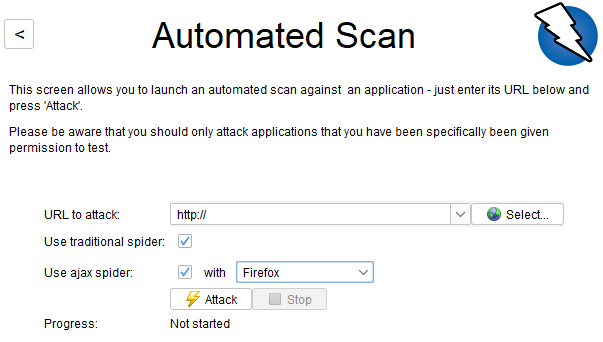
Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

Prilikom pokretanja automatskog skeniranja, otvara se prozor u koji je potrebno unijeti URL adresu stranice na koju se pokreće napad, može se izabrati hoće li se koristiti tradicionalni pauk i AJAX pauk za napad te s kojom vrstom preglednika.

*Slika 39 Izgled prozora za automatsko skeniranje*



*Izvor: izrada autora*

Nakon pokretanja napada u informacijskom prozoru možemo pratiti testiranje gdje vidimo povijest testa, upozorenja, HTML zahtjeve i odgovore, a cijelo automatsko traje oko 15 minuta. Upozorenja su podijeljena u pet skupina: visoka, srednja, niska, informacijska i lažno pozitivna upozorenja,

Naš test prikazao je 7 upozorenja, od toga 2 srednja, 3 niska i 2 informacijska upozorenja, koje možemo i detaljnije vidjeti klikom na svako od njih.

*Slika 40 Upozorenja nakon završetka testiranja*

Slika na kojoj se prikazuje tekst

Opis je automatski generiran

*Izvor: izrada autora*

1. .htaccess curenje informacija

Ovaj dokument može se koristiti za izmjenu konfiguracije Apache Web Server softvera kako bi se omogućile ili onemogućile dodatne funkcionalnosti ili značajke koje on može ponuditi

1. X-Frame-Options Header nije postavljeno

Nije uključen X-Frame-Options zaglavlje nije uključeno u HTTP odgovoru kako bi se zaštitilo od „ClickJacking“ napada.

1. Nedostatak anti-CSRF tokena
2. Curenje informacija servera putem „X-Povered-By“ HTTP odgovora u polju zaglavlja

Pristup takvim informacijama može olakšati napadačima identificiranje drugih komponenti na web aplikaciji i ranjivosti kojima se takve komponente izlažu

1. X-Content-Type-Option nedostatak zaglavlja