**Vishwakarma University**

**Faculty of Science and Technology**

**Department of Computer Engineering**



**Lab Manual**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course Code** | **Course Name** | **Teaching Scheme (Hrs. / Week)** | **Credits** |
| **BTECCE22608** | Business Intelligence Lab | 2 | 1 |

Course Outcomes:

1. Understand & appreciate the use of analytical skills and business principles in operational and strategic decision making by means of BI.
2. Propose solutions for Business Query and Reporting
3. Design and develop dashboards.
4. Learn the best practices to work on BI projects.
5. Use IBM Cognos BI tool to develop, implement and administrate wide range of BI artifacts.

**INDEX**

|  |  |  |
| --- | --- | --- |
| Sr.  No. | Title of Experiments | Page No |
| 1 | Overview of BI Tool – Cognos Report Studio | **3** |
| 2 | Study BI report tool: Installation of Power BI. | **5** |
| 3 | Creating and Customizing Authoring Reports. | **8** |
| 4 | Create a report using i) Crosstab ii) Charts iii) Graphs | **10** |
| 5 | Create a Filter with a single level and filter on multi-pages. | **13** |
| 6 | Create a sample report and use the Calculate function with ALL, ALL Except. | **18** |
| 7 | Create a simple report with i) grouping and ii) summarization of data using a reporting tool | **22** |
| 8 | Create a simple report with inner join and outer join. | **24** |
| 9 | Design a Dashboard | **25** |
| 10 | Develop a Scorecard | **25** |

**BTECCE22608:: Business Intelligence Lab**

**Experiment No. 1**

**Title: Overview of BI Tool – Cognos Report Studio**

**IBM COGNOS:**

It is a BI tool for web based reporting and analytics. This enterprise software provides various features to perform data aggregation and create user friendly detailed reports. Cognos also offers an option to export reports in XML or PDF format and view them as reports.

It was founded in 1969 by Alan Rushforth.

**Features:**

● In memory analytics

● Provides real time, events, alerts and notification.

● Personalized and progressive interaction

● Wizard driven external data.

● Drill through capability

● Platform independent, capable, scalable, reliable.

**Types of Cognos :**

**Content Store:**It is a set of database tables which are used by the Content Manager to store application data of the Cognos.

**Content Manager:**The Cognos manager helps you to manage storage and retrieval of report specifications, configuration data, published packages, from the content store database.

**Cognos Content Database:** Cognos content database is a self-contained database server which is used to host the content store database in demo environments when enterprise DBMS is unavailable.

**Advantages of Cognos:**

● You can publish and Cognos-enabled files to the secure BI portal.

● Cognos BI provides a limitless workspace to support how people think and work.

● It offers various BI capabilities like query and reporting, analysis, and score carding using single architecture.

● Easily view – assemble and personalize information.

● Helps you to analyze fact and anticipate tactical and strategic implications

● Allows you to collaborate to establish decision networks to share insights and drive towards collective intelligence.

● Offers transparency and accountability to drive alignment and consensus.

● Helps you to communicate and coordinate tasks to engage the right people at the right time

● Allows you to Integrate and link analytics to business workflow solutions and process.

● Reduced time to decision by accessing data with no latency.

● Helps you to Increase productivity among workers by accessing data for intraday decisions.

● Allows users to share and modify Cognos BI content using known applications and interfaces.

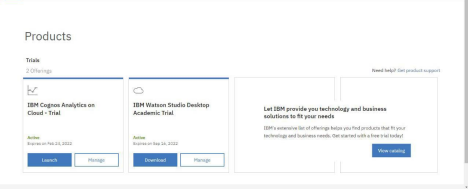
● It supports the leading RDBMS to persist data that is related to content management and reporting.

● Improved productivity through proactive through real-time notifications and workflow.

● Distribute business intelligence to everyday users.

**Disadvantages of Cognos:**

● Cognos Bi has also not been accepted very eagerly in departmental or divisional deployments.

● No support for any Multi-dimensional analysis.

**Conclusion: In this way, we have studied the overview of BI Tool – Cognos Report Studio.**

**Experiment No. 2**

**Title:** Study BI report tool: Installation of Power BI

**Introduction:**

Power BI Desktop is one of the core elements of Power BI and it is the main application for designing and building reports.

There are 2 ways to download and install Power BI Desktop, and this tutorial will cover both of these methods:

1. Download from the Microsoft Store
2. Download from the Microsoft Power BI download center

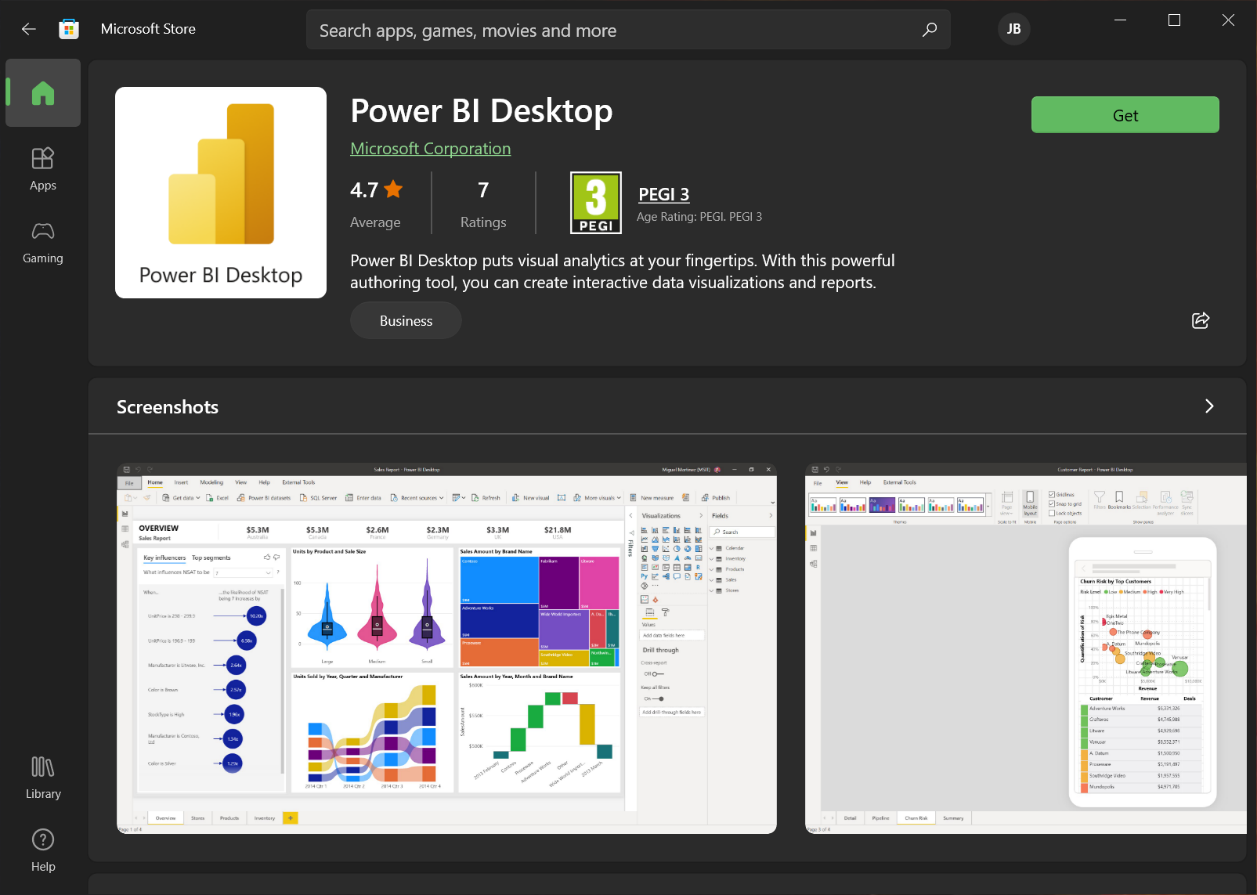
This is the recommended method for downloading and installing Power BI Desktop, as there are a few advantages:

* Windows automatically updates the latest versions of Power BI Desktop. As Microsoft issues Power BI updates on a monthly basis, this is a convenient time-saver.
* Instead of requiring a complete download of the entire application each time it updates, Windows only downloads any elements that have been changed.This yields more efficient updates and is extremely helpful if you are trying to keep data usage to a minimum.
* There is no admin privilege required for your computer to update or install Power BI Desktop (which is typically the case with company-provided computers). Hence, you won’t have to reach out to your IT department every time an update is necessary.

To proceed with this method, open the Microsoft Store on your computer and type “power

bi desktop” in the search bar at the top of the screen. Select the application and click “Get”

to download and install it.



If you should need to download the Power BI Desktop application, there are 2 ways to do

this:

1. Head over to the Power BI Desktop product page and select “See download or language options”.

A screenshot of a computer

Description automatically generated

1. Log in to the [Power BI Service](https://app.powerbi.com/), select the download icon on the top right-hand corner, and choose

Power BI Desktop from the dropdown.

Once you have downloaded the application, run the installation and follow the prompts. If you are not the administrator, you will need to contact your IT department to enter the necessary credentials before you can continue with the installation.

If you are downloading Power BI Desktop using the direct method, remember to return to the download center each month to download and install the latest version of the application.

A screenshot of a computer

Description automatically generated

**Conclusion: In this way, we have studied the Installation of Power BI**

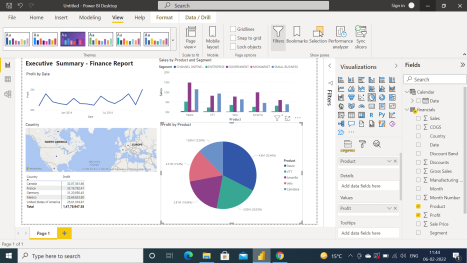
**Experiment No. 3**

**Title:** Creating and Customizing Authoring Reports.

Professional report authors produce professional quality content for others to assimilate. They want to dig deeper into the data and build complex reports. Reporting solutions should meet these requirements with advanced report building and capabilities that enable enhancement, customization and management of professional reports. With Cognos Business Intelligence, professional report authors can create reports with a full range of visuals and objects. These include visualizations, charts, cross tabs and lists, along with other components such as images, logos and live embedded applications that can be linked to the information. Cognos Business Intelligence features a WYSIWYG capability that report authors can use for building, interacting with, sharing and analyzing results to follow a train of thought and generate a unique perspective of critical business information. A collaborative workflow enables them to create reports and distribute and share them with other business users—in different formats, languages and locations. Cognos Business Intelligence extends the boundaries of traditional reporting, providing professional authors with powerful ways to view and communicate business performance and address the challenges of report authoring.

**The challenges of report authoring**

Report authors need to create reports that your business users can use to work with information the way they want to. Accessing relevant information quickly and easily is paramount, as is the confidence that the numbers you see are the same that others are seeing. The reports you receive should be presented in context so you can make informed decisions rather than lose time debating what action to take. This can be a challenge for a number of reasons. For one, many companies use separate reporting tools for different capabilities and styles of reporting and each application can have its own underlying data structure. These different metadata structures and data architectures can make it difficult to ensure data consistency. Maintaining multiple reporting applications means higher costs in the long run. In addition, vendor-specific security models limit scalability and network performance. Each reporting application has its own performance limits, which forces networks to work at the lowest common denominator. This means other enterprise components such as ERP systems, databases or application servers aren’t being used to their full value and users need to move back and forth between applications to answer a single question. IT struggles with a constant backlog of requests for new and modified reports because most reporting solutions have an all-or nothing approach to functionality, or because business users cannot update reports themselves.



**Conclusion: In this way, we have studied the concept of Authoring Reports.**

**Experiment No. 4**

**Title:** Create a report using i) Crosstab ii) Charts iii) Graphs

* 1. List:

It is used to show columns of information, such as product list or customer list. A list report shows data in rows and columns. You can apply a filter, summary, or calculation to manipulate the data that appears in the report.

Steps:

Create new file by clicking +

Take a database. I have taken the Sales database, which was an inbuilt database in PowerBI.

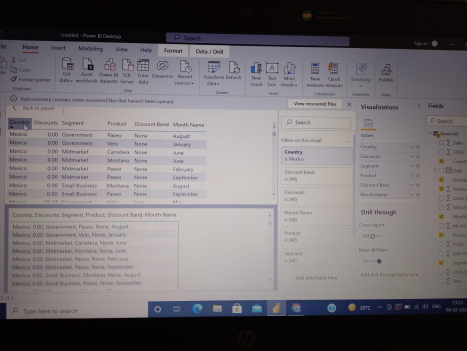
To the sales database I have made units as whole and then loaded the data.

Select the column for creating a list query.

Then from fields i have selected Country and profit to get country wise profit. For this I have dragged Country and profits from fields, this automatically generates a map. On clicking the map it shows profit for each country.

2. CrossTab:

They are nothing but matrix elements from visualizations. I have selected profits, sales, year and country. It gives me numeric data per column. On clicking this table again it takes you to a new window and shows a detailed report.

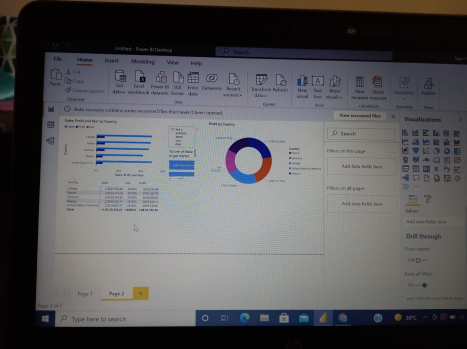


1. Charts: Column Charts:

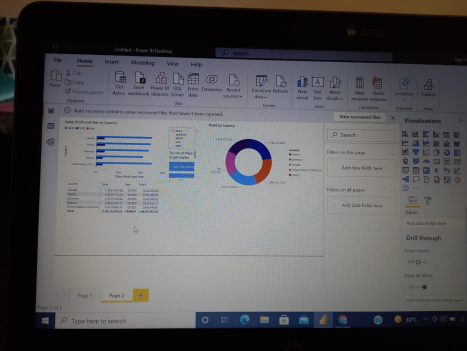
I have selected profits, sales, year and country. This gives me a column chart of sales, profits and year for each country. The Y axis has a country.

Doughnut charts:

I have selected the donut element from visualizations and then added profit and country fields to get profit per country data in the form of a doughnut . It shows different colors for different countries like france,, germany canada etc.The color for each country is specified on the dashboard.On the doughnut each colored region has some values Like for eg 3M (17.73%) for the blue colored shaded region,this indicates the product’s profit. It has a profit of 3 Million. Same goes for the rest.



OVERALL DASHBOARD:



**Conclusion: In this way, we have studied the concept of List, Crosstab and Chart Reports.**

**Experiment No. 5**

**Title:** Create a Filter with a single level and filter on multi-pages.

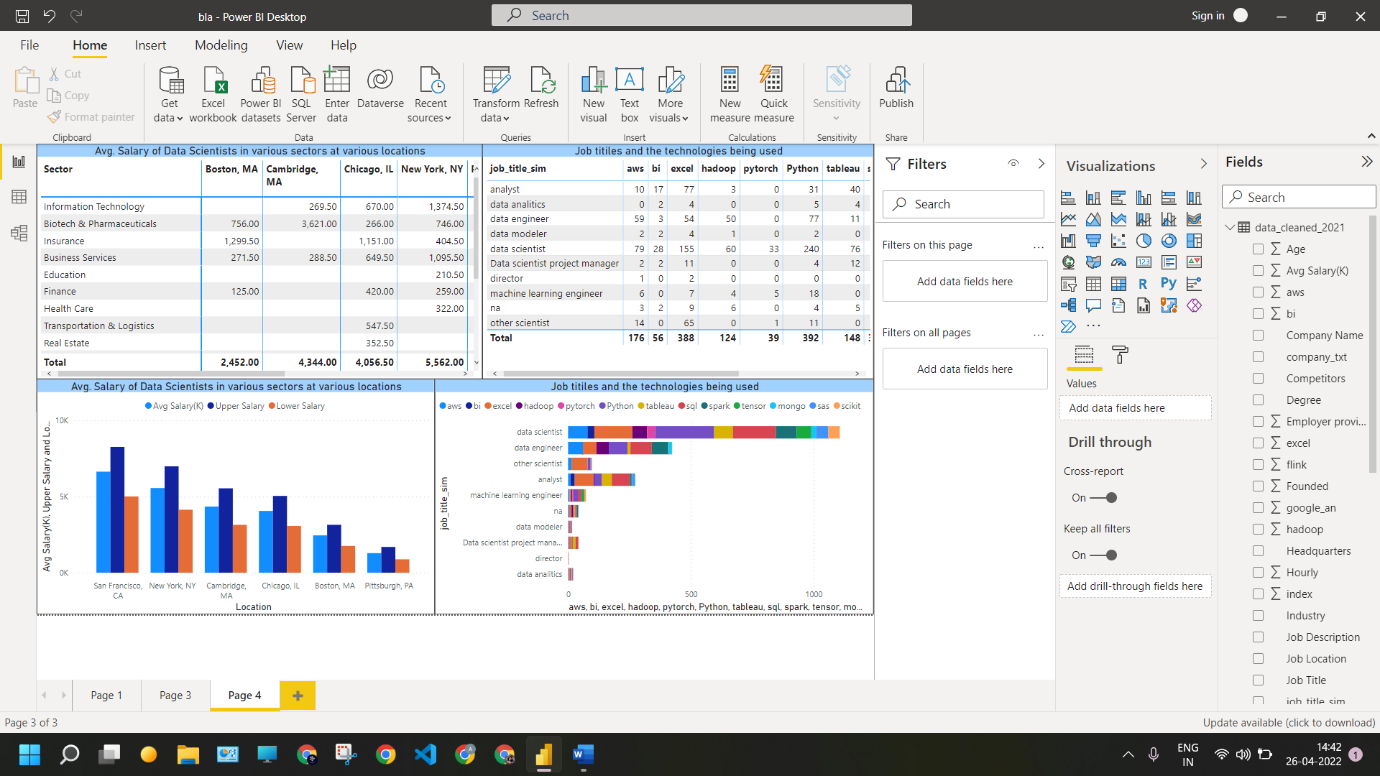
A table expression filter applies a table object as a filter. It could be a reference to a model table, but more likely it's a function that returns a table object. You can use the FILTER function to apply complex filter conditions, including those that cannot be defined by a Boolean filter expression.

**Filter modifier functions**

Filter modifier functions allow you to do more than simply add filters. They provide you with additional control when modifying filter context.

 The ALL function and its variants behave as both filter modifiers and as functions that return table objects. If the REMOVEFILTERS function is supported by your tool, it's better to use it to remove filters.

# Filtering

1. Expand the Filter pane to add filters
2. Above we can see two options: Filter on this page or Filter on all pages. Let’s apply Filter on the current

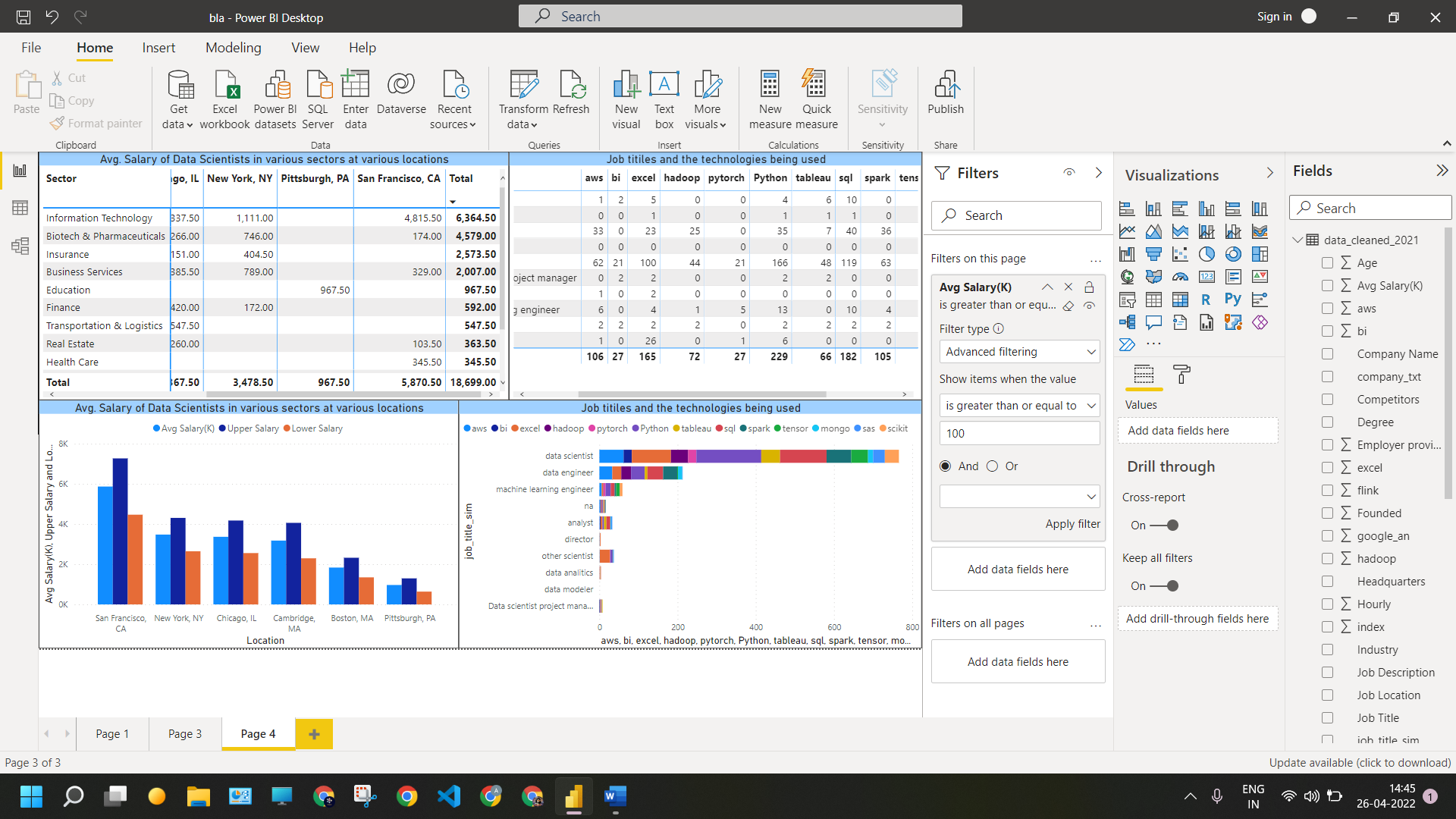
page.

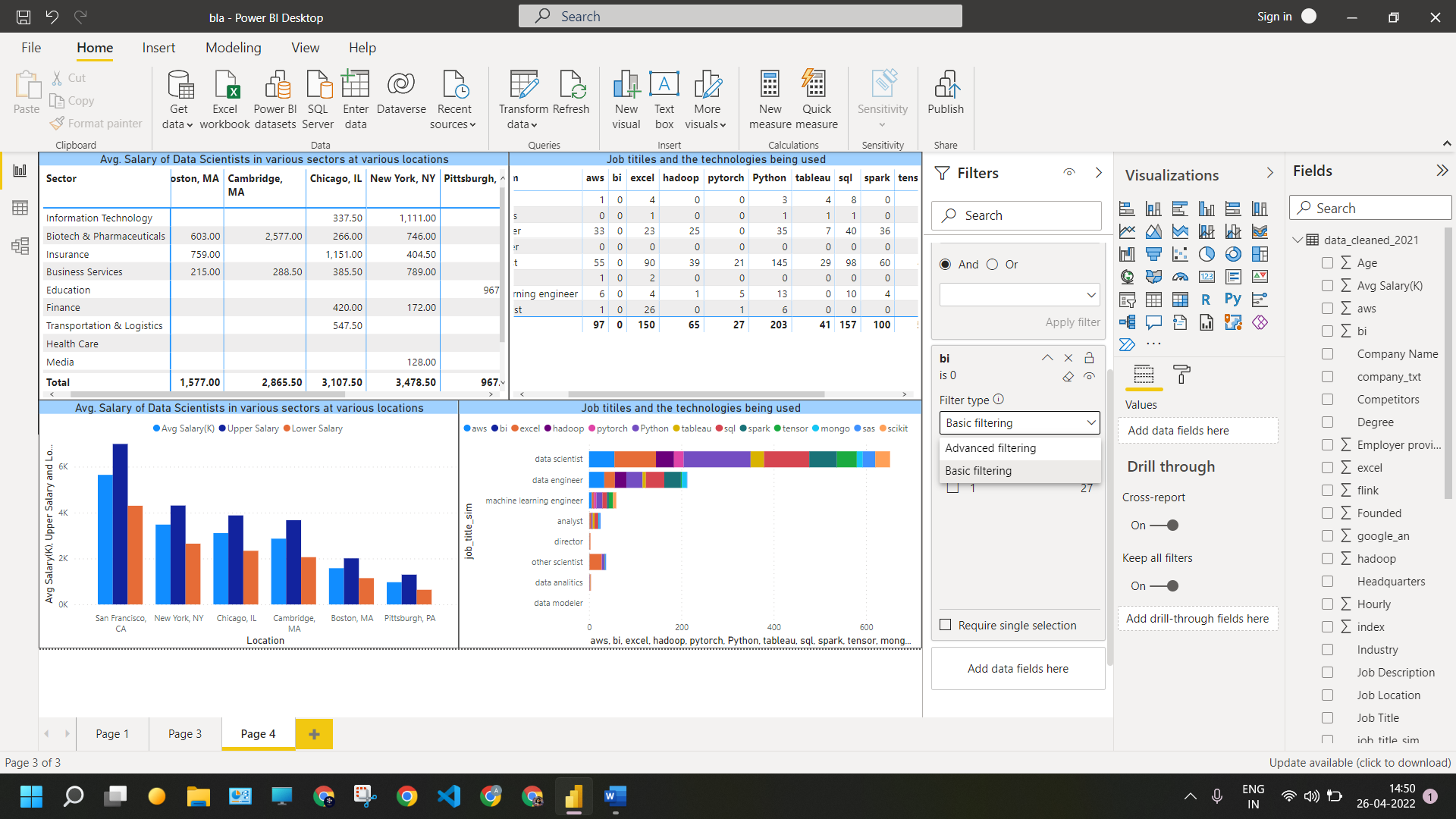
Select the data field. I have selected **Avg Salary** and applied is **greater than and equal to** filter under

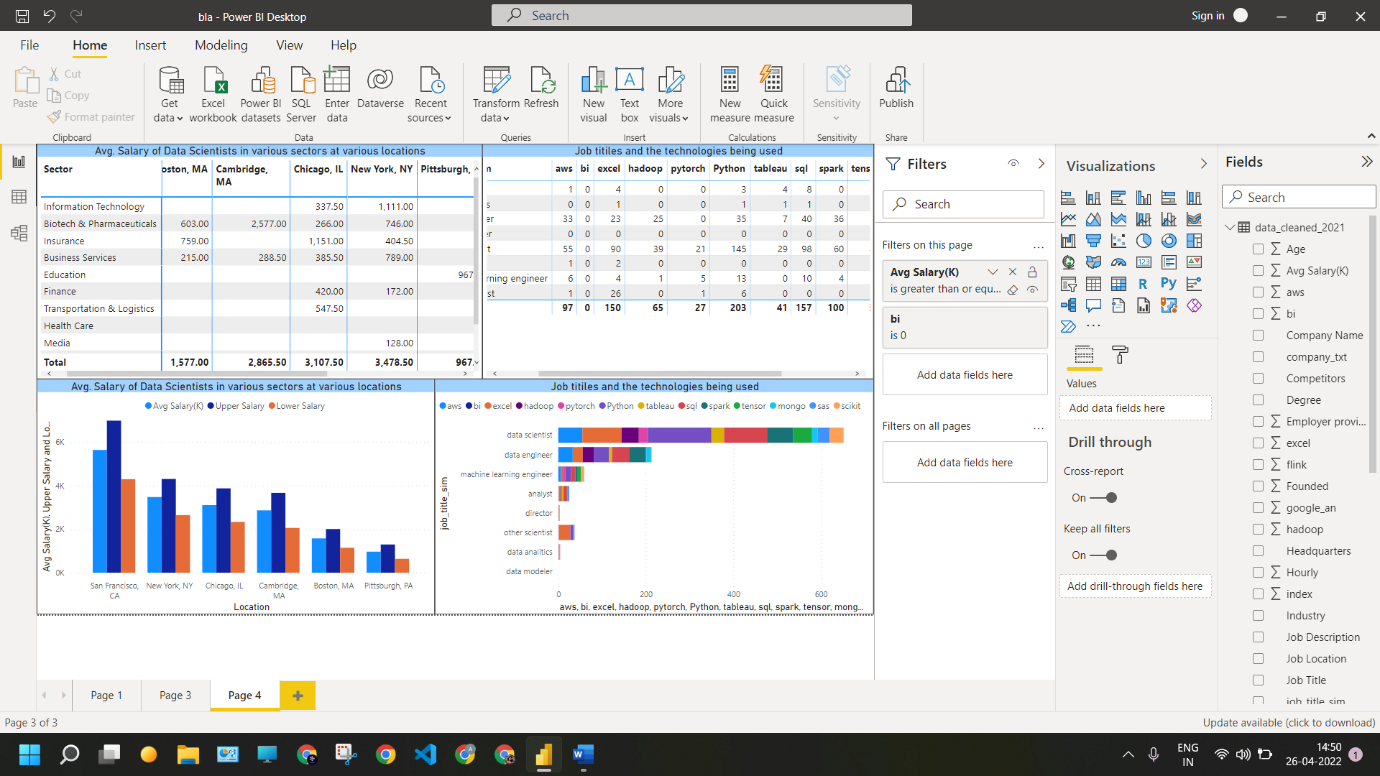
**advanced filtering**. And click on **Apply filter**.

I have applied one more filtering **Basic filtering.** On **bi**  field and selected **0**  which means the records which have

0 in bi column.





After filtering:

# Sorting

To add more columns to the sort order, Shift + click the column header you would like to add next in the sort order.

For example, if you click Number of customers and then Shift + click Total revenue,

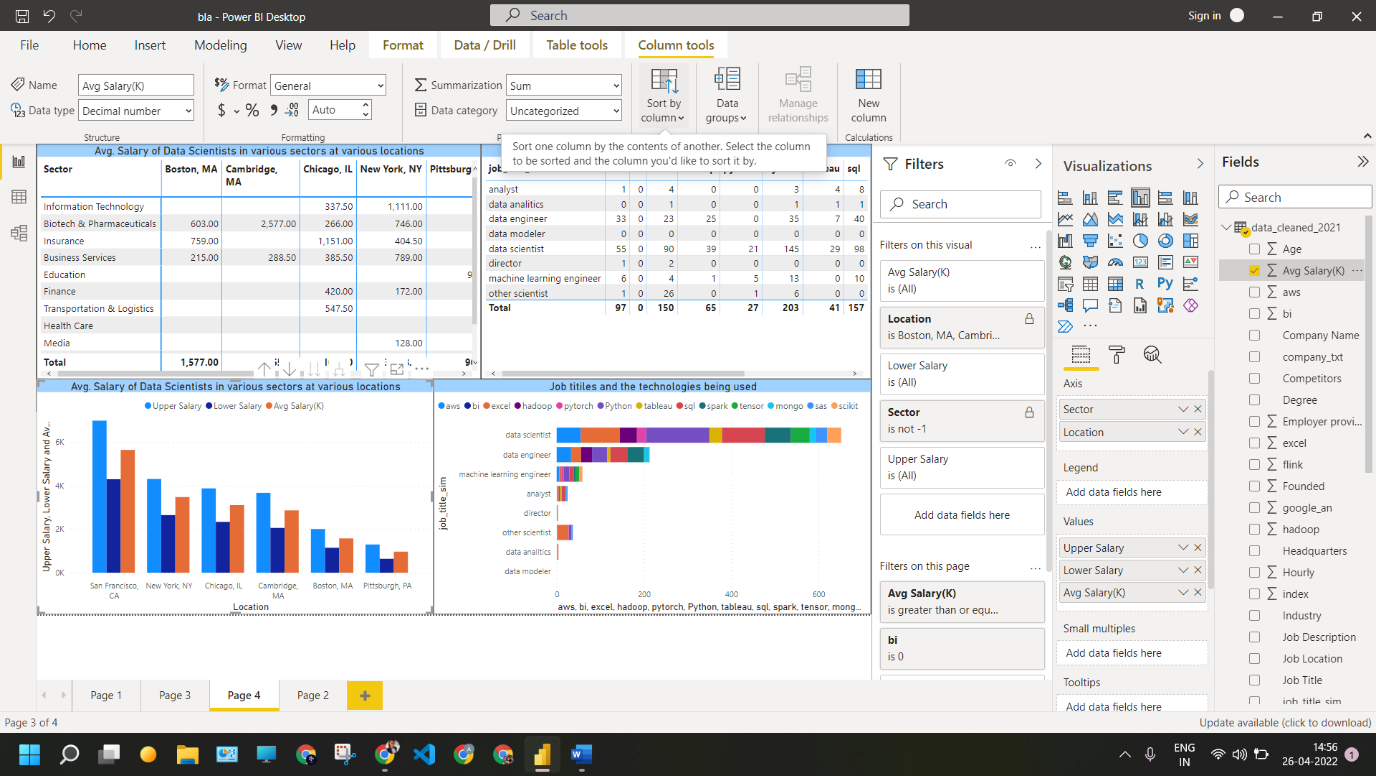
then the table is sorted first by customers, then by revenue. The red outline show areas where sort order changed.

If you Shift + click a second time on the same column, this will change the sort direction (ascending, descending)

for that column. Furthermore, if you Shift + click a column you have previously added to the sort order,

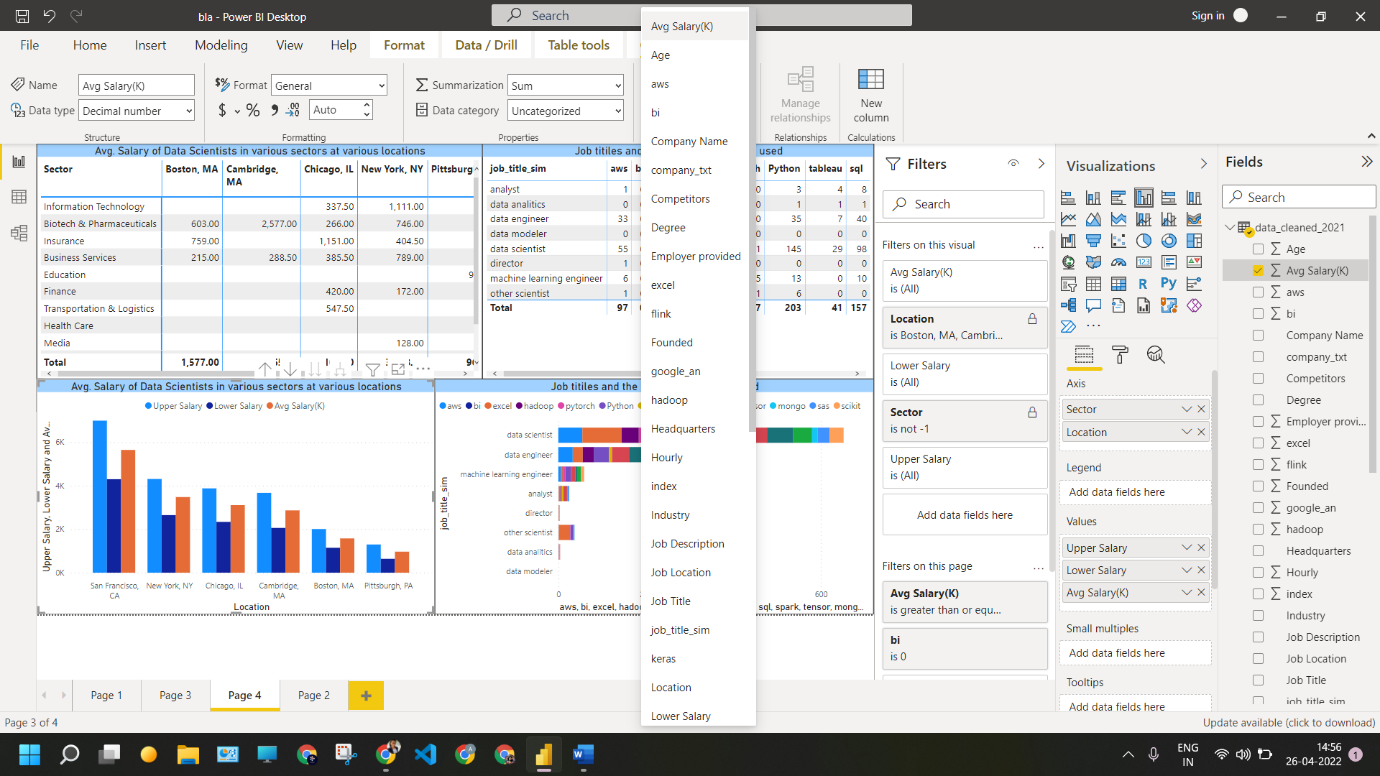
this will move that column to the back of the sort order.

1. Select the field you want to sort by. I selected **Avg Salary**  column.

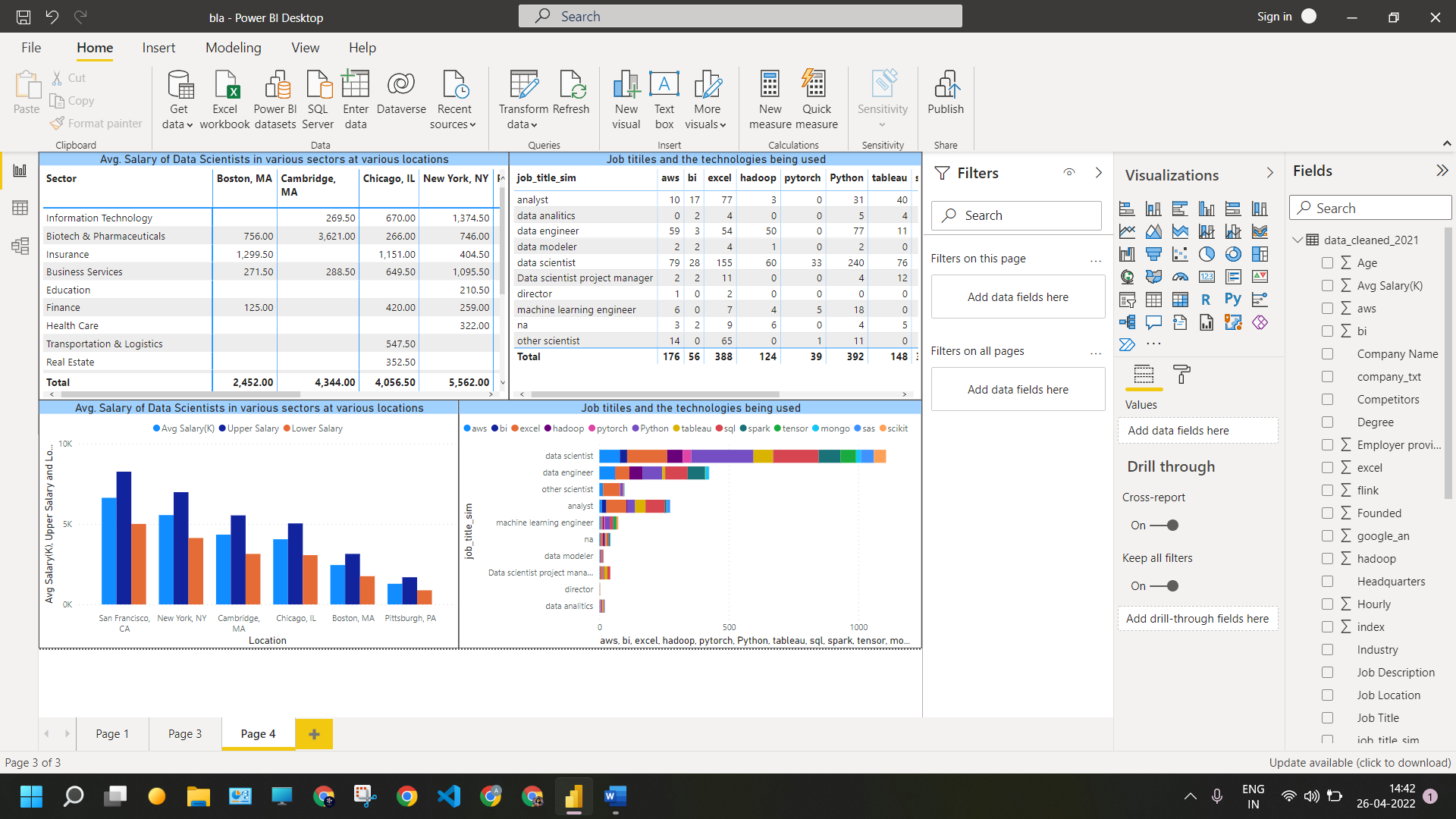


1. Under **Column Tools** select **Sort by column** option and then select the appropriate column as shown

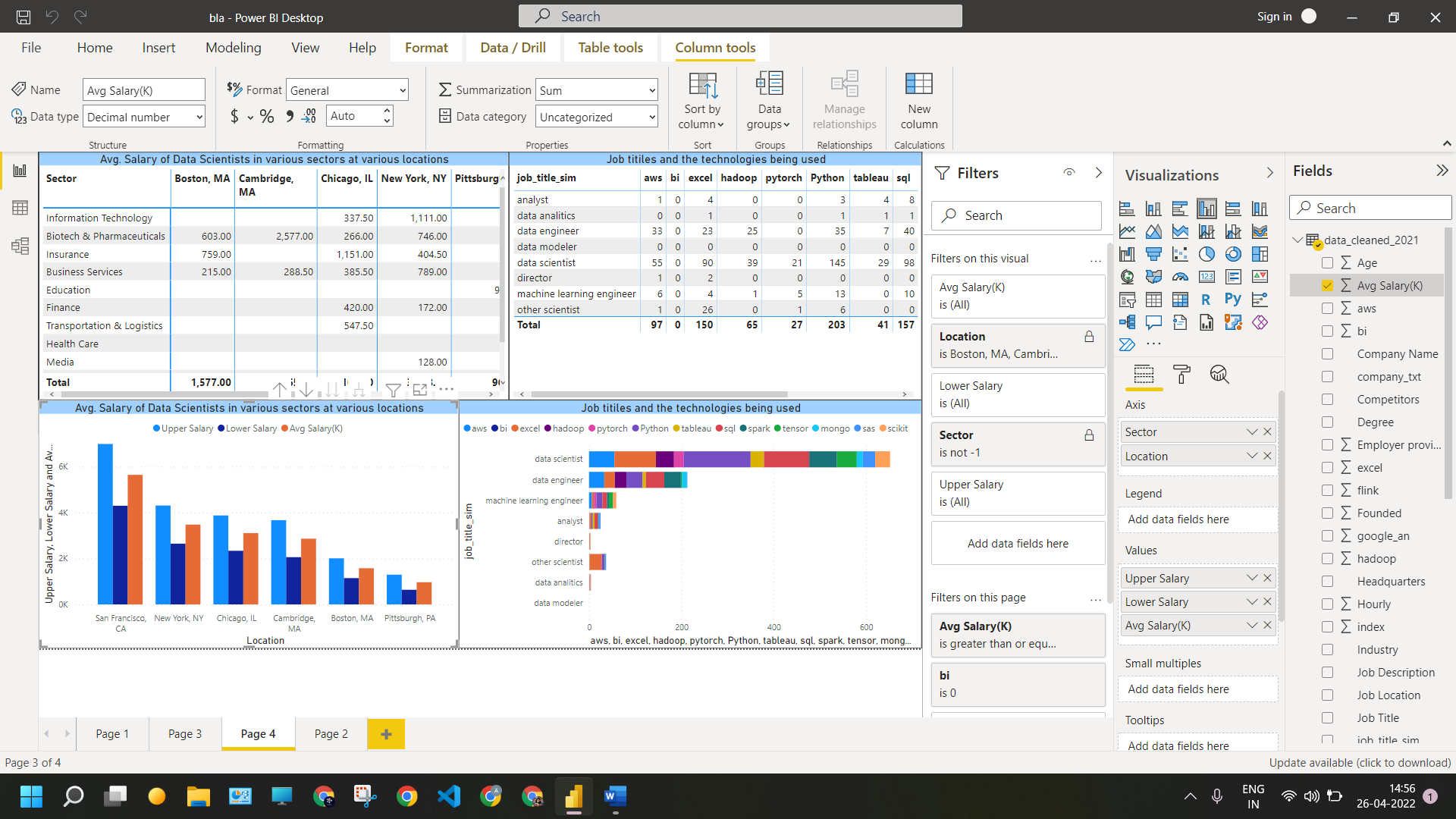
in figure below.

1. 

Before sorting:



After Sorting:



# Calculation

The benefit of using CALCULATE to filter is using your newly created calculated measures to add a layer

of context and complexity to your visualizations. For example, overlaying the amount of website organic

search visits to the total am your visuals. This can be achieved with the intricate filter on your visualization

pane, however, it can be done rather quickly using these CALCULATE measures. Usually, when your data is

a column field, you are restricted to the stacked graphs and filter to isolate the dimension of choice. The CALCULATE function can help circumvent this.

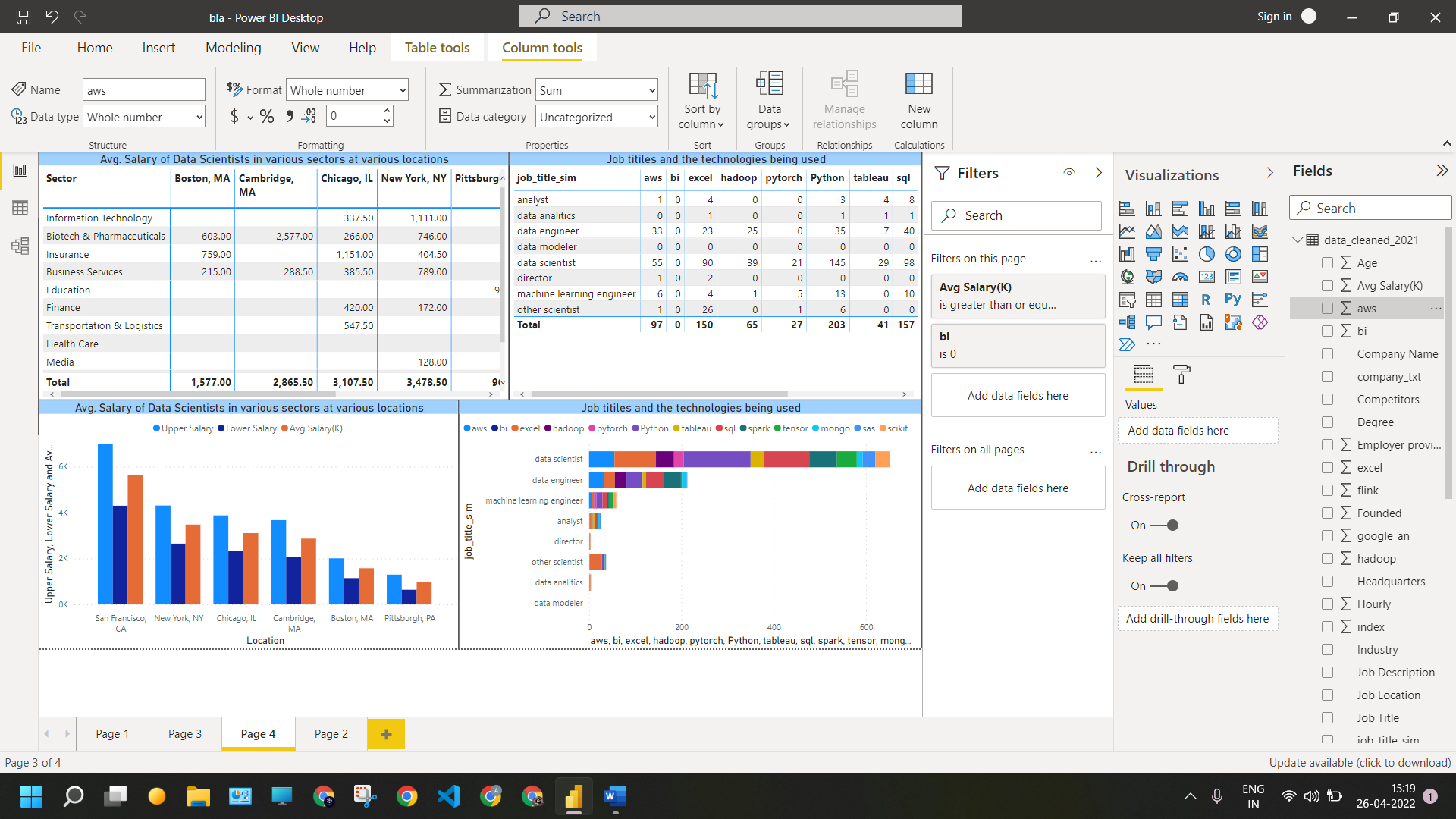
* The CALCULATE function is useful because it can modify the filter context of the Expression inside, as indicated by the n number of filter conditions specified by the user, according to these steps:
* If the filter context specified by a filter condition already exists, it will override the already-existing filter context with the new one that’s been specified in the CALCULATE expression.
* If the filter context does not exist, it will add new filter context according to the filter condition specified.
* A few examples can show the usage of this function. These will be based on data extracted from the widely known database; AdventureWorks.
* **FILTER**
* Filter with Calculate allows you to isolate the calculation to that one dimension. In this example, we just

want the total for the single dimension that we specified.

* CALCULATE(SUM(Website[Sessions]),FILTER(Website,Website[ Channels]=”Organic Search”))
* **Benefits of Using FILTER with CALCULATE**
* Can you measure in the Filter section
* Create OR statements
* You cannot use measures in the filter section of CALCULATE
* Imagine if you wanted to get the sum of sessions with more than 4 channels in one day.
* First, you create a measure
* Count of Channels = COUNT(‘Web Site Data’,[Default Channels)
* Now if you want to use this to see how many sessions occurred with default channels more than 4.
* Session with More than 4 Channels =CALCULATE(SUM(Website[Sessions]),[Count of Channels ]>4))
* You will get an error:
* **A function ‘CALCULATE’ has been used in a True/False expression that is used as a table filter**

**expression. This is not allowed.**

* To overcome this error, you can use FILTER
* CALCULATE(SUM(Website[Sessions]),FILTER(Website,[Count of Channels ]>4))



1. Under **Column tools** and under **Properties** section Click on summarization and select the measure you

want to apply.

1. I have selected **Sum** for **Avg salary** category.

**Conclusion: In this way, we have learned the concept of Filter, Sort and Calculation.**

**Experiment No. 6**

**Title:** Create a sample report and use the Calculate function with ALL, ALL Except.

**Introduction:**

Power BI, developed by Microsoft, is a BI & Data Visualization Tool employed by data-driven organizations

Worldwide to improve the way organizations use Data Analytics to address today’s business challenges.

With real-time high-level analytics, sophisticated modeling, and custom development, Power BI makes dealing with data pain-free.However, when using Microsoft Power BI, you will frequently find that you need to write formulae, expressions, or refilter tables for certain use cases to evaluate data and calculate numbers in order to address real-world business challenges. Enter Power BI ALLEXCEPT Function.

**Power BI is a self-service Business Intelligence tool**, which means you can simply combine, analyze, visualize,

and create visually stunning reports. Power BI allows you to import data from a variety of sources, including Oracle,

SAP, and a Data Warehouse of your choice. It can handle everything from a basic Excel file to large volumes of data.

**So in short, Power BI Charts, Graphs, KPIs, Reports, and Dashboards can be used to analyze data and provide interactive insights.**

**Key Features of Power BI**

Power BI has shown to be a dependable and easy-to-use Data Analysis and Visualization solution.

Let’s look at some of the important elements that have greatly contributed to its success.

* **Easy Integrations:** Power BI includes interfaces with multiple connectors that allow users to pull data from a variety of data sources.
* **AI Support:** Power BI users may leverage Artificial Intelligence (AI) techniques like Image Recognition and

Text Analytics to prepare data, build Machine Learning models, and swiftly extract actionable insights from structured and unstructured data.

* **Report Sharing:** Power BI is designed to help teams create security that allows them to share access in a very controlled manner. Users can easily share their reports with other members of their team without jeopardizing

data security.

* **Real-Time Dashboards:** Power BI can present real-time data and visualizations in any report or dashboard.

Power BI dashboards change in real-time, helping users to solve problems and discover new opportunities in

real-time.

* **Customized Visualization:** Power BI provides a high level of customization and allows customers to

use its custom visualization library to create visuals that meet their specific needs. Furthermore,

by utilizing open-source data-viz modules like R and Python, analysts can create highly configurable

visualizations for their next Power BI report.

**What is The Power BI ALLEXCEPT Function?**

The Power BI’s ALLEXCEPT Function helps developers to redact out all the context filters used in the table except

the filters specified by the user or used in the specified columns.

**Syntax:**

ALLEXCEPT(<table>,<column>[,<column>[,…]])

**Crucial Parameters**

|  |  |
| --- | --- |
| **Term** | **Definition** |
| table | The table from which all context filters are removed, with the exception of filters on columns supplied in later arguments. |
| Column | The column where context filters must be kept. |

The Power BI ALLEXCEPT function’s first argument must be a reference to the base table. Hence, all subsequent parameters must be base column references. On the other hand, the Power BI ALLEXCEPT function does not support tabular or columnar expressions.

**How to use Power BI ALLEXCEPT Function?**

The Power BI ALLEXCEPT function is not utilized by itself, rather, the function is an intermediate one that can be

used to alter the set of results on which calculations are performed. There exist certain many scenarios where ALL and Power BI ALLEXCEPT functions are used. The list is provided below:

|  |  |
| --- | --- |
| **Function & Usage** | **Description** |
| **ALL (Table)** | Removes all filters from the table supplied. ALL(Table) effectively returns all of the values in the table, removing any filters from the context that could otherwise have been applied. This method is handy when working with multiple levels of grouping and need to build a computation that generates a ratio of an aggregated value to the total value. |
| **ALL (Colimn[,Column[,…]])** | All filters from the specified columns in the table are removed; all other filters on other columns in the table remain in effect. All column arguments must be derived from the same table. When you want to remove the context filters for one or more specific columns while keeping all other context filters, the ALL(Column) variation is handy. |
| **ALLEXCEPT (Table, Column1[,Column2]…)** | All context filters in the table are removed except those that are applied to the chosen columns. This is a handy shortcut for cases where you wish to remove the filters from many, but not all, of the columns in a table. |

**Examples To Better Understand Power BI ALLEXCEPT Function**

The following measure formula given below adds SalesAmount USD and uses the ALLEXCEPT function to remove any context filters on the DateTime table that have not been applied to the CalendarYear column.

**= CALCULATE(SUM(ResellerSales\_USD[SalesAmount\_USD]), ALLEXCEPT(DateTime, DateTime[CalendarYear]))**

Because the formula employs ALLEXCEPT, if any column other than CalendarYear from the table DateTime is

used to slice a visualization, the formula will remove all slicer filters, returning a value equal to the sum of

SalesAmount USD. The findings are different when the column CalendarYear is used to slice the visualization.

Because CalendarYear is supplied as an argument to ALLEXCEPT, when the data is sliced on the year, a filter

on years at the row level is applied.

**Let’s understand Power BI ALLEXCEPT with a practical example:**

**Step 1:** Open the link to download the Sample Data: **SuperStoreUS-2015.xlxs**

**Step 2:** From the Visualization Pane, drag Table & Slicers.

* **Slicers:** In the first slicer, drag Product Category, and in the second slicer, drag Product Subcategory.
* **Table:** Drag three fields from the Orders Dataset into the table: Product Category, Product Sub Category,

and Sales.

**A screenshot of a computer

Description automatically generated**

**Step 3: Now, Create Measure and write the DAX Formula to execute further with ALLEXCEPT function.**

**ALLEXCEPT\_SALES =CALCULATE (     SUM ( Orders[Sales] ),     ALLEXCEPT ( Orders, Orders[Product Category] ) )**

**Step 4: The next step is to drag ALLEXCEPT\_SALES measures into the table.**

**A screenshot of a computer

Description automatically generated**

**Step 5: Now, apply a filter to the Product Category and look at the ALLEXCEPT SALES result, which returns the Total Sales amount of Furniture.**

**A screenshot of a computer

Description automatically generated**

**Step 6:** Now, apply filters to both slicers and observe the results.

A screenshot of a computer

Description automatically generated

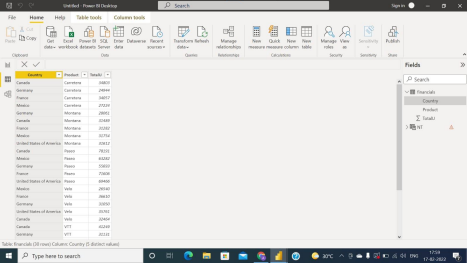
**Conclusion:** : In this way, we have learned hoe to Create a sample report and use the Calculate function with ALL, ALL Except.

**Experiment No. 7**

**Title:** Create a simple report with i) grouping and ii) summarization of data using a reporting tool

Grouping data means summarizing your data by columns which we select or provide aggregations. We use the **Group By** functionality any time that you need to do anything that has to do with grouping rows from a table based on the values that they have in their fields.

Go to the table tab and select 2-3 columns which you . Then click on the groupBy icon, a new tab will open on that click the Advanced radio button. Then select Column -> Unit Sold. Then click on Ok. Also, the operation is Sum. This will result:



Summarizing:

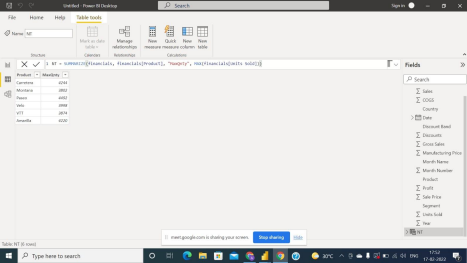
Select Modeling tab -> New table

As Dax write:

SUMMARIZE(financials, financials[Product], “MaxQnty”, max(financials[Units Sold]))

Then click on check option it will apply

Result:



**Conclusion: In this way, we have studied the concept of Grouping and Summarizing data.**

**Experiment No. 8**

**Title:** Create a simple report with inner join and outer join.

**Introduction:**

You need to create a new query and connect the two others through this new one.

1. From your PBI report, click "Transform Data" (ie: open the Power Query Editor)  
2. In your query with the ServerClass (as per your example), right click at the top of your ServerClass column, then click "Add as New Query". Only if all of your Server Classes are written in this column, otherwise you will need to merge it with the other column from the other query.  
3. In your new query (should be named ServerClass, as per your column), right click at the top of the column and click "Remove Duplicates".

4. Click "Close & Apply". In the Model View, the relationship should get created automatically but you might need to edit it to make the "Cross filter direction" = "Both"

Go to Relationship tab >> Click on Manage Realtionship >> New >> Then select table name from drop down and select key column (Category column in my case) and similarly select second table and do the same. As per your need select Cardinality and hit OK.

![A screenshot of a computer

Description automatically generated](data:image/jpeg;base64,/9j/4RFyRXhpZgAATU0AKgAAAAgACAESAAMAAAABAAEAAAEaAAUAAAABAAAIqAEbAAUAAAABAAAIsAEoAAMAAAABAAIAAAE7AAIAAAAPAAAAbodpAAQAAAABAAAIuJydAAEAAAAeAAAAfuocAAcAAAgMAAAAnAAAAABUYWhyZWVtIEFuc2FyaQAAVABhAGgAcgBlAGUAbQAgAEEAbgBzAGEAcgBpAAAAHOoAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAjKAAAAD6AACMoAAAAPoAAqQAAAHAAAABDAyMTCQAwACAAAAFAAACTaQBAACAAAAFAAACUqSkQACAAAAAzEzAACSkgACAAAAAzEzAACgAAAHAAAABDAxMDCgAQADAAAAAf//AACgAgAEAAAAAQAABd2gAwAEAAAAAQAAA5DqHAAHAAAIDAAACV4AAAAAMjAyMjowNjoxNCAxNDowODozNAAyMDIyOjA2OjE0IDE0OjA4OjM0ABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/+ELIWh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8APD94cGFja2V0IGJlZ2luPSfvu78nIGlkPSdXNU0wTXBDZWhpSHpyZVN6TlRjemtjOWQnPz4NCjx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iPjxyZGY6UkRGIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iLz48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOnhtcD0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wLyI+PHhtcDpDcmVhdGVEYXRlPjIwMjItMDYtMTRUMTQ6MDg6MzQuMTM0PC94bXA6Q3JlYXRlRGF0ZT48L3JkZjpEZXNjcmlwdGlvbj48cmRmOkRlc2NyaXB0aW9uIHJkZjphYm91dD0idXVpZDpmYWY1YmRkNS1iYTNkLTExZGEtYWQzMS1kMzNkNzUxODJmMWIiIHhtbG5zOmRjPSJodHRwOi8vcHVybC5vcmcvZGMvZWxlbWVudHMvMS4xLyI+PGRjOmNyZWF0b3I+PHJkZjpTZXEgeG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbnMjIj48cmRmOmxpPlRhaHJlZW0gQW5zYXJpPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/iGxpJQ0NfUFJPRklMRQABAQAAGwpsY21zAjAAAG1udHJSR0IgWFlaIAfUAAgADQAMABIABmFjc3BNU0ZUAAAAAGxjbXMAAAAAAAAAAAAAAAAAAAAAAAD21gABAAAAANMtbGNtcwAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADGRtbmQAAAEUAAAAamRlc2MAAAGAAAAAaGRtZGQAAAHoAAAAaHd0cHQAAAJQAAAAFHJYWVoAAAJkAAAAFGJYWVoAAAJ4AAAAFGdYWVoAAAKMAAAAFHJUUkMAAAKgAAAIDGdUUkMAAAqsAAAIDGJUUkMAABK4AAAIDGNocm0AABrEAAAAJGNwcnQAABroAAAAIWRlc2MAAAAAAAAAEGxjbXMgZ2VuZXJhdGVkIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGRlc2MAAAAAAAAABXNSR0IAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAZGVzYwAAAAAAAAAFc1JHQgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABYWVogAAAAAAAA8z0AAQAAAAEWmFhZWiAAAAAAAABvlAAAOO4AAAOQWFlaIAAAAAAAACSdAAAPgwAAtr5YWVogAAAAAAAAYqUAALeQAAAY3mN1cnYAAAAAAAAEAAAAAAUACgAPABQAGQAeACMAKAAtADIANwA7AEAARQBKAE8AVABZAF4AYwBoAG0AcgB3AHwAgQCGAIsAkACVAJoAnwCkAKkArgCyALcAvADBAMYAywDQANUA2wDgAOUA6wDwAPYA+wEBAQcBDQETARkBHwElASsBMgE4AT4BRQFMAVIBWQFgAWcBbgF1AXwBgwGLAZIBmgGhAakBsQG5AcEByQHRAdkB4QHpAfIB+gIDAgwCFAIdAiYCLwI4AkECSwJUAl0CZwJxAnoChAKOApgCogKsArYCwQLLAtUC4ALrAvUDAAMLAxYDIQMtAzgDQwNPA1oDZgNyA34DigOWA6IDrgO6A8cD0wPgA+wD+QQGBBMEIAQtBDsESARVBGMEcQR+BIwEmgSoBLYExATTBOEE8AT+BQ0FHAUrBToFSQVYBWcFdwWGBZYFpgW1BcUF1QXlBfYGBgYWBicGNwZIBlkGagZ7BowGnQavBsAG0QbjBvUHBwcZBysHPQdPB2EHdAeGB5kHrAe/B9IH5Qf4CAsIHwgyCEYIWghuCIIIlgiqCL4I0gjnCPsJEAklCToJTwlkCXkJjwmkCboJzwnlCfsKEQonCj0KVApqCoEKmAquCsUK3ArzCwsLIgs5C1ELaQuAC5gLsAvIC+EL+QwSDCoMQwxcDHUMjgynDMAM2QzzDQ0NJg1ADVoNdA2ODakNww3eDfgOEw4uDkkOZA5/DpsOtg7SDu4PCQ8lD0EPXg96D5YPsw/PD+wQCRAmEEMQYRB+EJsQuRDXEPURExExEU8RbRGMEaoRyRHoEgcSJhJFEmQShBKjEsMS4xMDEyMTQxNjE4MTpBPFE+UUBhQnFEkUahSLFK0UzhTwFRIVNBVWFXgVmxW9FeAWAxYmFkkWbBaPFrIW1hb6Fx0XQRdlF4kXrhfSF/cYGxhAGGUYihivGNUY+hkgGUUZaxmRGbcZ3RoEGioaURp3Gp4axRrsGxQbOxtjG4obshvaHAIcKhxSHHscoxzMHPUdHh1HHXAdmR3DHeweFh5AHmoelB6+HukfEx8+H2kflB+/H+ogFSBBIGwgmCDEIPAhHCFIIXUhoSHOIfsiJyJVIoIiryLdIwojOCNmI5QjwiPwJB8kTSR8JKsk2iUJJTglaCWXJccl9yYnJlcmhya3JugnGCdJJ3onqyfcKA0oPyhxKKIo1CkGKTgpaymdKdAqAio1KmgqmyrPKwIrNitpK50r0SwFLDksbiyiLNctDC1BLXYtqy3hLhYuTC6CLrcu7i8kL1ovkS/HL/4wNTBsMKQw2zESMUoxgjG6MfIyKjJjMpsy1DMNM0YzfzO4M/E0KzRlNJ402DUTNU01hzXCNf02NzZyNq426TckN2A3nDfXOBQ4UDiMOMg5BTlCOX85vDn5OjY6dDqyOu87LTtrO6o76DwnPGU8pDzjPSI9YT2hPeA+ID5gPqA+4D8hP2E/oj/iQCNAZECmQOdBKUFqQaxB7kIwQnJCtUL3QzpDfUPARANER0SKRM5FEkVVRZpF3kYiRmdGq0bwRzVHe0fASAVIS0iRSNdJHUljSalJ8Eo3Sn1KxEsMS1NLmkviTCpMcky6TQJNSk2TTdxOJU5uTrdPAE9JT5NP3VAnUHFQu1EGUVBRm1HmUjFSfFLHUxNTX1OqU/ZUQlSPVNtVKFV1VcJWD1ZcVqlW91dEV5JX4FgvWH1Yy1kaWWlZuFoHWlZaplr1W0VblVvlXDVchlzWXSddeF3JXhpebF69Xw9fYV+zYAVgV2CqYPxhT2GiYfViSWKcYvBjQ2OXY+tkQGSUZOllPWWSZedmPWaSZuhnPWeTZ+loP2iWaOxpQ2maafFqSGqfavdrT2una/9sV2yvbQhtYG25bhJua27Ebx5veG/RcCtwhnDgcTpxlXHwcktypnMBc11zuHQUdHB0zHUodYV14XY+dpt2+HdWd7N4EXhueMx5KnmJeed6RnqlewR7Y3vCfCF8gXzhfUF9oX4BfmJ+wn8jf4R/5YBHgKiBCoFrgc2CMIKSgvSDV4O6hB2EgITjhUeFq4YOhnKG14c7h5+IBIhpiM6JM4mZif6KZIrKizCLlov8jGOMyo0xjZiN/45mjs6PNo+ekAaQbpDWkT+RqJIRknqS45NNk7aUIJSKlPSVX5XJljSWn5cKl3WX4JhMmLiZJJmQmfyaaJrVm0Kbr5wcnImc951kndKeQJ6unx2fi5/6oGmg2KFHobaiJqKWowajdqPmpFakx6U4pammGqaLpv2nbqfgqFKoxKk3qamqHKqPqwKrdavprFys0K1ErbiuLa6hrxavi7AAsHWw6rFgsdayS7LCszizrrQltJy1E7WKtgG2ebbwt2i34LhZuNG5SrnCuju6tbsuu6e8IbybvRW9j74KvoS+/796v/XAcMDswWfB48JfwtvDWMPUxFHEzsVLxcjGRsbDx0HHv8g9yLzJOsm5yjjKt8s2y7bMNcy1zTXNtc42zrbPN8+40DnQutE80b7SP9LB00TTxtRJ1MvVTtXR1lXW2Ndc1+DYZNjo2WzZ8dp22vvbgNwF3IrdEN2W3hzeot8p36/gNuC94UThzOJT4tvjY+Pr5HPk/OWE5g3mlucf56noMui86Ubp0Opb6uXrcOv77IbtEe2c7ijutO9A78zwWPDl8XLx//KM8xnzp/Q09ML1UPXe9m32+/eK+Bn4qPk4+cf6V/rn+3f8B/yY/Sn9uv5L/tz/bf//Y3VydgAAAAAAAAQAAAAABQAKAA8AFAAZAB4AIwAoAC0AMgA3ADsAQABFAEoATwBUAFkAXgBjAGgAbQByAHcAfACBAIYAiwCQAJUAmgCfAKQAqQCuALIAtwC8AMEAxgDLANAA1QDbAOAA5QDrAPAA9gD7AQEBBwENARMBGQEfASUBKwEyATgBPgFFAUwBUgFZAWABZwFuAXUBfAGDAYsBkgGaAaEBqQGxAbkBwQHJAdEB2QHhAekB8gH6AgMCDAIUAh0CJgIvAjgCQQJLAlQCXQJnAnECegKEAo4CmAKiAqwCtgLBAssC1QLgAusC9QMAAwsDFgMhAy0DOANDA08DWgNmA3IDfgOKA5YDogOuA7oDxwPTA+AD7AP5BAYEEwQgBC0EOwRIBFUEYwRxBH4EjASaBKgEtgTEBNME4QTwBP4FDQUcBSsFOgVJBVgFZwV3BYYFlgWmBbUFxQXVBeUF9gYGBhYGJwY3BkgGWQZqBnsGjAadBq8GwAbRBuMG9QcHBxkHKwc9B08HYQd0B4YHmQesB78H0gflB/gICwgfCDIIRghaCG4IggiWCKoIvgjSCOcI+wkQCSUJOglPCWQJeQmPCaQJugnPCeUJ+woRCicKPQpUCmoKgQqYCq4KxQrcCvMLCwsiCzkLUQtpC4ALmAuwC8gL4Qv5DBIMKgxDDFwMdQyODKcMwAzZDPMNDQ0mDUANWg10DY4NqQ3DDd4N+A4TDi4OSQ5kDn8Omw62DtIO7g8JDyUPQQ9eD3oPlg+zD88P7BAJECYQQxBhEH4QmxC5ENcQ9RETETERTxFtEYwRqhHJEegSBxImEkUSZBKEEqMSwxLjEwMTIxNDE2MTgxOkE8UT5RQGFCcUSRRqFIsUrRTOFPAVEhU0FVYVeBWbFb0V4BYDFiYWSRZsFo8WshbWFvoXHRdBF2UXiReuF9IX9xgbGEAYZRiKGK8Y1Rj6GSAZRRlrGZEZtxndGgQaKhpRGncanhrFGuwbFBs7G2MbihuyG9ocAhwqHFIcexyjHMwc9R0eHUcdcB2ZHcMd7B4WHkAeah6UHr4e6R8THz4faR+UH78f6iAVIEEgbCCYIMQg8CEcIUghdSGhIc4h+yInIlUigiKvIt0jCiM4I2YjlCPCI/AkHyRNJHwkqyTaJQklOCVoJZclxyX3JicmVyaHJrcm6CcYJ0kneierJ9woDSg/KHEooijUKQYpOClrKZ0p0CoCKjUqaCqbKs8rAis2K2krnSvRLAUsOSxuLKIs1y0MLUEtdi2rLeEuFi5MLoIuty7uLyQvWi+RL8cv/jA1MGwwpDDbMRIxSjGCMbox8jIqMmMymzLUMw0zRjN/M7gz8TQrNGU0njTYNRM1TTWHNcI1/TY3NnI2rjbpNyQ3YDecN9c4FDhQOIw4yDkFOUI5fzm8Ofk6Njp0OrI67zstO2s7qjvoPCc8ZTykPOM9Ij1hPaE94D4gPmA+oD7gPyE/YT+iP+JAI0BkQKZA50EpQWpBrEHuQjBCckK1QvdDOkN9Q8BEA0RHRIpEzkUSRVVFmkXeRiJGZ0arRvBHNUd7R8BIBUhLSJFI10kdSWNJqUnwSjdKfUrESwxLU0uaS+JMKkxyTLpNAk1KTZNN3E4lTm5Ot08AT0lPk0/dUCdQcVC7UQZRUFGbUeZSMVJ8UsdTE1NfU6pT9lRCVI9U21UoVXVVwlYPVlxWqVb3V0RXklfgWC9YfVjLWRpZaVm4WgdaVlqmWvVbRVuVW+VcNVyGXNZdJ114XcleGl5sXr1fD19hX7NgBWBXYKpg/GFPYaJh9WJJYpxi8GNDY5dj62RAZJRk6WU9ZZJl52Y9ZpJm6Gc9Z5Nn6Wg/aJZo7GlDaZpp8WpIap9q92tPa6dr/2xXbK9tCG1gbbluEm5rbsRvHm94b9FwK3CGcOBxOnGVcfByS3KmcwFzXXO4dBR0cHTMdSh1hXXhdj52m3b4d1Z3s3gReG54zHkqeYl553pGeqV7BHtje8J8IXyBfOF9QX2hfgF+Yn7CfyN/hH/lgEeAqIEKgWuBzYIwgpKC9INXg7qEHYSAhOOFR4Wrhg6GcobXhzuHn4gEiGmIzokziZmJ/opkisqLMIuWi/yMY4zKjTGNmI3/jmaOzo82j56QBpBukNaRP5GokhGSepLjk02TtpQglIqU9JVflcmWNJaflwqXdZfgmEyYuJkkmZCZ/JpomtWbQpuvnByciZz3nWSd0p5Anq6fHZ+Ln/qgaaDYoUehtqImopajBqN2o+akVqTHpTilqaYapoum/adup+CoUqjEqTepqaocqo+rAqt1q+msXKzQrUStuK4trqGvFq+LsACwdbDqsWCx1rJLssKzOLOutCW0nLUTtYq2AbZ5tvC3aLfguFm40blKucK6O7q1uy67p7whvJu9Fb2Pvgq+hL7/v3q/9cBwwOzBZ8Hjwl/C28NYw9TEUcTOxUvFyMZGxsPHQce/yD3IvMk6ybnKOMq3yzbLtsw1zLXNNc21zjbOts83z7jQOdC60TzRvtI/0sHTRNPG1EnUy9VO1dHWVdbY11zX4Nhk2OjZbNnx2nba+9uA3AXcit0Q3ZbeHN6i3ynfr+A24L3hROHM4lPi2+Nj4+vkc+T85YTmDeaW5x/nqegy6LzpRunQ6lvq5etw6/vshu0R7ZzuKO6070DvzPBY8OXxcvH/8ozzGfOn9DT0wvVQ9d72bfb794r4Gfio+Tj5x/pX+uf7d/wH/Jj9Kf26/kv+3P9t//9jdXJ2AAAAAAAABAAAAAAFAAoADwAUABkAHgAjACgALQAyADcAOwBAAEUASgBPAFQAWQBeAGMAaABtAHIAdwB8AIEAhgCLAJAAlQCaAJ8ApACpAK4AsgC3ALwAwQDGAMsA0ADVANsA4ADlAOsA8AD2APsBAQEHAQ0BEwEZAR8BJQErATIBOAE+AUUBTAFSAVkBYAFnAW4BdQF8AYMBiwGSAZoBoQGpAbEBuQHBAckB0QHZAeEB6QHyAfoCAwIMAhQCHQImAi8COAJBAksCVAJdAmcCcQJ6AoQCjgKYAqICrAK2AsECywLVAuAC6wL1AwADCwMWAyEDLQM4A0MDTwNaA2YDcgN+A4oDlgOiA64DugPHA9MD4APsA/kEBgQTBCAELQQ7BEgEVQRjBHEEfgSMBJoEqAS2BMQE0wThBPAE/gUNBRwFKwU6BUkFWAVnBXcFhgWWBaYFtQXFBdUF5QX2BgYGFgYnBjcGSAZZBmoGewaMBp0GrwbABtEG4wb1BwcHGQcrBz0HTwdhB3QHhgeZB6wHvwfSB+UH+AgLCB8IMghGCFoIbgiCCJYIqgi+CNII5wj7CRAJJQk6CU8JZAl5CY8JpAm6Cc8J5Qn7ChEKJwo9ClQKagqBCpgKrgrFCtwK8wsLCyILOQtRC2kLgAuYC7ALyAvhC/kMEgwqDEMMXAx1DI4MpwzADNkM8w0NDSYNQA1aDXQNjg2pDcMN3g34DhMOLg5JDmQOfw6bDrYO0g7uDwkPJQ9BD14Peg+WD7MPzw/sEAkQJhBDEGEQfhCbELkQ1xD1ERMRMRFPEW0RjBGqEckR6BIHEiYSRRJkEoQSoxLDEuMTAxMjE0MTYxODE6QTxRPlFAYUJxRJFGoUixStFM4U8BUSFTQVVhV4FZsVvRXgFgMWJhZJFmwWjxayFtYW+hcdF0EXZReJF64X0hf3GBsYQBhlGIoYrxjVGPoZIBlFGWsZkRm3Gd0aBBoqGlEadxqeGsUa7BsUGzsbYxuKG7Ib2hwCHCocUhx7HKMczBz1HR4dRx1wHZkdwx3sHhYeQB5qHpQevh7pHxMfPh9pH5Qfvx/qIBUgQSBsIJggxCDwIRwhSCF1IaEhziH7IiciVSKCIq8i3SMKIzgjZiOUI8Ij8CQfJE0kfCSrJNolCSU4JWgllyXHJfcmJyZXJocmtyboJxgnSSd6J6sn3CgNKD8ocSiiKNQpBik4KWspnSnQKgIqNSpoKpsqzysCKzYraSudK9EsBSw5LG4soizXLQwtQS12Last4S4WLkwugi63Lu4vJC9aL5Evxy/+MDUwbDCkMNsxEjFKMYIxujHyMioyYzKbMtQzDTNGM38zuDPxNCs0ZTSeNNg1EzVNNYc1wjX9Njc2cjauNuk3JDdgN5w31zgUOFA4jDjIOQU5Qjl/Obw5+To2OnQ6sjrvOy07azuqO+g8JzxlPKQ84z0iPWE9oT3gPiA+YD6gPuA/IT9hP6I/4kAjQGRApkDnQSlBakGsQe5CMEJyQrVC90M6Q31DwEQDREdEikTORRJFVUWaRd5GIkZnRqtG8Ec1R3tHwEgFSEtIkUjXSR1JY0mpSfBKN0p9SsRLDEtTS5pL4kwqTHJMuk0CTUpNk03cTiVObk63TwBPSU+TT91QJ1BxULtRBlFQUZtR5lIxUnxSx1MTU19TqlP2VEJUj1TbVShVdVXCVg9WXFapVvdXRFeSV+BYL1h9WMtZGllpWbhaB1pWWqZa9VtFW5Vb5Vw1XIZc1l0nXXhdyV4aXmxevV8PX2Ffs2AFYFdgqmD8YU9homH1YklinGLwY0Njl2PrZEBklGTpZT1lkmXnZj1mkmboZz1nk2fpaD9olmjsaUNpmmnxakhqn2r3a09rp2v/bFdsr20IbWBtuW4SbmtuxG8eb3hv0XArcIZw4HE6cZVx8HJLcqZzAXNdc7h0FHRwdMx1KHWFdeF2Pnabdvh3VnezeBF4bnjMeSp5iXnnekZ6pXsEe2N7wnwhfIF84X1BfaF+AX5ifsJ/I3+Ef+WAR4CogQqBa4HNgjCCkoL0g1eDuoQdhICE44VHhauGDoZyhteHO4efiASIaYjOiTOJmYn+imSKyoswi5aL/IxjjMqNMY2Yjf+OZo7OjzaPnpAGkG6Q1pE/kaiSEZJ6kuOTTZO2lCCUipT0lV+VyZY0lp+XCpd1l+CYTJi4mSSZkJn8mmia1ZtCm6+cHJyJnPedZJ3SnkCerp8dn4uf+qBpoNihR6G2oiailqMGo3aj5qRWpMelOKWpphqmi6b9p26n4KhSqMSpN6mpqhyqj6sCq3Wr6axcrNCtRK24ri2uoa8Wr4uwALB1sOqxYLHWskuywrM4s660JbSctRO1irYBtnm28Ldot+C4WbjRuUq5wro7urW7LrunvCG8m70VvY++Cr6Evv+/er/1wHDA7MFnwePCX8Lbw1jD1MRRxM7FS8XIxkbGw8dBx7/IPci8yTrJuco4yrfLNsu2zDXMtc01zbXONs62zzfPuNA50LrRPNG+0j/SwdNE08bUSdTL1U7V0dZV1tjXXNfg2GTY6Nls2fHadtr724DcBdyK3RDdlt4c3qLfKd+v4DbgveFE4cziU+Lb42Pj6+Rz5PzlhOYN5pbnH+ep6DLovOlG6dDqW+rl63Dr++yG7RHtnO4o7rTvQO/M8Fjw5fFy8f/yjPMZ86f0NPTC9VD13vZt9vv3ivgZ+Kj5OPnH+lf65/t3/Af8mP0p/br+S/7c/23//2Nocm0AAAAAAAMAAAAAo9cAAFR7AABMzQAAmZoAACZmAAAPXHRleHQAAAAAbm8gY29weXJpZ2h0LCB1c2UgZnJlZWx5AAr/2wBDAAYEBQYFBAYGBQYHBwYIChAKCgkJChQODwwQFxQYGBcUFhYaHSUfGhsjHBYWICwgIyYnKSopGR8tMC0oMCUoKSj/2wBDAQcHBwoIChMKChMoGhYaKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCj/wAARCAOQBd0DASIAAhEBAxEB/8QAHAABAAMBAQEBAQAAAAAAAAAAAAQFBgMCBwEI/8QAYBAAAQMCAgQGCwwGBwUGBQQDAAECAwQFERQGEiFTEzFUkqLRBxUWIjRBUXJzk7EyMzVSVmFxgZShs9IjYmSCkeE2QmOjssHCCCRFdINDZnWl4vAXN0RVhCUmlbQ4pPH/xAAbAQEBAQEBAQEBAAAAAAAAAAAAAQIDBAUHBv/EADkRAQABAgQCBwUHBQADAQAAAAABAhEDITFBBGESUXGRobHwBRMigdEGFBVSU8HhFjIzNEI1YnLx/9oADAMBAAIRAxEAPwD713GaL/Juy/YIvyjuM0X+Tdl+wRflL4EVQ9xmi/ybsv2CL8o7jNF/k3ZfsEX5S+AFD3GaL/Juy/YIvyjuM0X+Tdl+wRflL4AUPcZov8m7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/wAm7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/ybsv2CL8o7jNF/k3ZfsEX5S+AFD3GaL/Juy/YIvyjuM0X+Tdl+wRflL4AUPcZov8m7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/wAm7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/ybsv2CL8o7jNF/k3ZfsEX5S+AFD3GaL/Juy/YIvyjuM0X+Tdl+wRflL4AUPcZov8m7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/wAm7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/ybsv2CL8o7jNF/k3ZfsEX5S+AFD3GaL/Juy/YIvyjuM0X+Tdl+wRflL4AUPcZov8m7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/wAm7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/ybsv2CL8o7jNF/k3ZfsEX5S+AFD3GaL/Juy/YIvyjuM0X+Tdl+wRflL4AUPcZov8m7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/wAm7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/ybsv2CL8o7jNF/k3ZfsEX5S+AFD3GaL/Juy/YIvyjuM0X+Tdl+wRflL4AUPcZov8m7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/wAm7L9gi/KO4zRf5N2X7BF+UvgBQ9xmi/ybsv2CL8o7jNF/k3ZfsEX5S+AFD3GaL/Juy/YIvyjuM0X+Tdl+wRflL441jUfGxr0RzXSxoqKmKKmugFP3GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+U0uQo+R0/qk6hkKPkdP6pOoDNdxmi/ybsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/ACbsv2CL8o7jNF/k3ZfsEX5TS5Cj5HT+qTqGQo+R0/qk6gM13GaL/Juy/YIvyjuM0X+Tdl+wRflNLkKPkdP6pOoZCj5HT+qTqAzXcZov8m7L9gi/KO4zRf5N2X7BF+UtKJ8SLNDHgjo5Xpqp4k11wJQAAAAABjtLp7tLpRY7VabtJbGVUNRJK9kEcqu1NTDY9Fw41O1fTyWvR+RNI9Ja6Vq1Matq4YmwPbi5qNZhG3iVdi7OJVK7TS2tuunWjVM+qraVFp6t3CUc6xP2cHs1k24HHT21ttGgi07Kuuq0WvpncJWVDpn+/M2ay+LZxCnbnP7pVv2fstqSqqHdk+40rp5lpmWuGRsKvXUa5ZHorkbxY4Im0mJplYHXJKFLg3hll4BHcG/g1k+JwmGpreLDHHHYZ26MqZdO9JmUCqlY7R9iQ4cevrSav3lJZqGivGgVDS1WmUkNBJFHTvpFipmrHImH6P3Gsjkcmzx+MU5xHrdZ1n1tD66D8amq1EVVXBMMV8Z+gAAAAAAxFxvlxh7LtqssdRhbJ7bLUSQ6je+ejsEXWwxT6McDbnyDT7R216Udmex26+U2Zo1tMr1jSRzO+R64Li1UUn/UfPyX/mfk0/ZHvlxs900Rht1RwMdfdmU1Smo13CRqi4t2ouH0pgpcaU6ZaP6KNi7f3OGkdLtZHg573J5UY1Fdh8+GB8s0w0A0b0R0n0HqtH7etLPNeYo5HLPI/FvHhg5y+NC3objb7D2b9JZ9KKmnonVVJB2tqat6MYsSJg9rXu2J33i8eCiM4tzny0Sdb8o82/t+ltiuWj1RfKC5Q1Frp2OfNNGiqsaNTFcW4ayLhtwwxKqm7Jmh1RX0NHFfaZaita10LVa9EXWTFEVVTBqrs2OVF2ps2nzqnfBX1HZeutkVr7FPQ6jJYk/RzTNhdrq1eJdqriqceOJE0xo6eP8A2YbLwcETcGUsiYNTY9zu+d9K4rt+csZzHO3ittu3ws+t2rT3Re736SzW68U89ybj+iajsHYceq5U1XYYL7lV4lGkmnmjOjVa2jvV2ip6lzdbgkY+RzU8rkai6qfOuBk+yTSQUmlHYzWmibFwVxSCPUTDVZqp3qfNsMpo6+an0w02pbnpmzRytkuL5XQ1FPTqlRCqd45HSouKauzBFwRPpJrpz8LJz7PF94oqunrqSGqo5mT00zUfHLG7Wa9q8SoqHYyvYwtNDZdC6KjtNyW50DXSOiqcERHIr1VcMNmGOPEao1NonJIzgABFAABmYLnWP7I9ba3TY0MdriqWxaqbJHSPaq44Y8TU2Y4C/wBzq6TTHRahp5tSlrXVKVDNVF19SPWbtVMUwXyYGbvFijvvZZrI5a+60SRWeFyOoKt8Cuxmk2OVvGhyqNG4rF2RtD3xXO81vCrVoqV9c+pRuEP9VHLsJTpF+ZVrNuXlDXXnTOwWaufSXGv4OeNEdKjIZJEhReJZHNaqMT53KhV6UXGZNN9BWUVXKlHWS1SyNilXUmakCubiiLg5MdqGT0TilcmklPW6ZT2ephuNU+spHxUuCNc9VbIqyRq5WqxW7VXDxeInOt1Nab52LKKgqn1lHCtWkM78MXsy6q1diInEqFjOIns8YWNZjt8GtrdOdHqJ07Zq9yy08r4JY4qeWR7HMw1lVrWquqmKd9hq/OXlsuFJdaCGtt1RFU0kzdaOWJ2LXIYHsd3G00V303bUVFPTVnbiaSVZnoxXRo1uDsV42pt+j6yy7E+EllulXTMVlvrLpU1NEmGCLE52xyJ4kVUcqfSIziOyJTSfnMNsAAAAAAAAAAAAAAAAAAAAAAAAcqn3MXpo/wDGh1OVT7mL00f+NALYAFQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABWUN0irKippsJIaundg6GRER2rj3r08rV8qfRxna510Fto31FW/Vjbs2bVcq8TUTxqq7EQq9LIYI6Tti6oylZTe8TtTWVVX/s1b/XRy7NX+G0gaNOku9zfVXuPgblS4cHb3cVOip74nxldt77xcXHiBqKOV01LFLJE+B72o5Y5MNZir4lw2YkgADIWtf8A9wXX0y+0viitX9ILr6ZfaXpFAAAAAHGSmgkqYqh8EbqiJFbHKrEVzEXjRF40xwTH6BV0tPWQ8FWQQzxayO1JWI5MUXFFwXxoqYnYAcUpadtW6qbBClS9iRumRia7mouKNV3Hhiq7CJ2ktSXHth2soc/jjmcu3hMfLrYYliAAAAAAAAABGdQUb7hHXPpKd1dGxY2VCxosjWrxtR3GifMSTNVd9qYqqaNrYVax6tTFF8S/SeHjvaODwNMVYu/U64WDVizMUruroKOtkp31lJT1D6eRJoXSxo5Ynp/WbjxL86Hi62m3XeFsN2t9JXQtXFrKmFsjUXy4ORSi7oKvdwc1esd0FXu4OavWfM/qbgufc7/ccVoEt9E23rQNo6dKFWLGtMkTeDVq8bdXDDD5jjNZbXPa47bPbaGS3MREbSvgasTUTiwYqYJh4thTd0NXu4OavWO6Gr3cHNXrH9TcHz7j7lir+qt9HVy00lXSU88tM/XgfLEjlid8Zqqner86Ee62K0XeSJ92tVBXSRe9uqadkis+hXIuBT90FXu4OavWO6Cr3cHNXrH9TcFz7j7jitPFGyGNscTGsY1MGtamCInkRD2V9krZK6ldJKjUcj1b3qfMnWWB9rAx6eIw6cWjSXlqomirozsAA7sgAA4pS06VjqtIIUq3MSN0yMTXViKqo1XceGKquHziWlp5qiCeWCGSeDHgpHMRXR4pguqvGmKbFwOwArbjYbRc6mKouVqoKyoi2Ry1FOyRzPoVUxQlT0VLNUU881NBJPTKqwSPjRXRKqYLqrxpimzZ4iQAMXo7opBI6+JpHaaOpbNd5qulSpijm7xyNwcmOOrjh8ymzY1rGo1iI1rUwRETBEQ/QNoj1kb3AAAAAAAAAAAAAAAAAAAAAAAADlU+5i9NH/jQ6nKp9zF6aP8AxoBbAAqAAAAAAAAAAAAAAAAAAAAAAAAABn9HdLbLpHV19NZazNT0D0jqW8E9nBqqqmGLkTHa1eLHiA0AAAAEOor6OCrhpZquCOqmRVihfIiPkROPVbxr9QEwAAAAAAAAGfuullltV+oLLcK3grlXYZeHgnu18VwTvkRUTanjVC/8Q2ub2foIdfcKS3sY+uqoKVj3oxrppEYjnLxIirxr8xMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACkprZLUXRa+6uY98TlSkgZtZC3i19vG9U8fiTYnjVel5tWdSOopJMtcYFVYKhNuHla5PG1fGn18ZbgCPRrM+ljWqYxk6tTXax2s1HeNEXBMUJAAGRtX9ILr6ZfaXpRWr+kF19MvtL0igAAAAADhV1UdLGjpNZyuXBrGpi5y+REOcNcySdIXxzQyqmLUlbhreXACWAAAAAA8SytiRqvXBHORuPzquCffsEkrY1jRy7Xu1Wp5Vwx9iKv1AewAAABJiJ1AAE6NPUt5AAOjT1F5MU1kbimKpiiA4P8Oh9G/wBrTuOjT1F5AAW1kAZm86cWC01y0MtatRcERf8AdKOJ1RLiniVGIuqv04EWHTWeZutHofpXq/r0cbF/g6RFKNgDFu7INHSvd24smkVpgaiqtRVW9yxp+9GrjTWa72+90aVdprIKynXZrxPR2C+RfIvzLtAnAAAAAABn2aS8LLUMpbPdalsEz4HSRRMVquauC4YvA0AKLt/P8nr56qP85Fq9MKaglp23S3XKgimfqNlqI2I1F+fByr9wGnB+Mc17UcxUc1yYoqLiiofoAAAAAAAAAAxdDp6lxpY6u26MaSVdHJisU8dNGjZExw1kxkRcFw8aIBtAZHu3bFV0UNw0ev8Ab2VdQylZPU08aRo964NRVa9VTFdmOBrgAOVW90dJO9i4OaxyovkXAkdr15XUfwZ+UDwD32vXldR/Bn5R2vXldR/Bn5QPByqfcxemj/xoSO168rqP4M/KcKqkWNkb8xK/CaPvXI3Be/TyIBagAqAAAKYrsraYs0J0TmuLWtkrHuSCmjdxOkXHavzIiKv1YeM2qnw3/aphlXRuyVKMV1PDWKknkxVuz2KYq07mqULR/sVXTTmhivXZBv1xdLVtSaKkhcicE1dqe6RWt2f1UbsPoOgHY9ptBKiufQ3SuqaGeNqcBVKi8GrVVdZFTBPuNdYq6mudopK2he2Slnja+NzV2KioSK3wWbzHew1XPRvbKzFPxRF92PZ2UtDFtEtzS+RpRRy8Cr3Qyo5X4Y4I1W6ztnkRS7uuk1ltVmiu1xuMFNQTMa+OSRVThEVMU1W8arhtwRMT4T/s3aJ2q9Ul3uF5o4K/gJ0ghhqWJJGzFMXO1V2Yr3qY/MNO6ioquzqygj0fbfaW00rG0tpSVsUeHBo7HBUVMEV3Fh/VTxIWcpiOv6L1z1fWz7Poxp9ovpPUrTWS8Q1NSiY8E5j4nqnzI9EVfqJmk2l9h0XjZJfrnT0eumLGOVXPcnlRrUVyp9R8P0otelN60hsV1tPY9dYKy3zo980FRG7hW4ouCojW8WC+XYqob7TvSXRml0wgoZdHJ9I9JY4MGQQ0yTcAxe+262xvHjiiKuHHgNoN5arRfTrRrSqZ8Niu0NVMxNZYla6N+HlRr0RVT50PnPZB7MENq02tVstVxibQU9TwV3etK9XR6r0RzUxTamGO1qL8ymQdJO3s7aMVa6Nu0ZkqFRFp0kavCp3yK9UaiauKbFT5jQ9mKhpG9lzQRqUkCNnqEWZEjTCVVlbjreX6yRrTPXNkqyiY6ou+waP6S2e/2Vbtaq1s1uarkdO9rokTV48ddEVETylDH2VtCJLgtA3SGm4fW1NZWPSPH0it1MPnxwMX/tJ1C2jQWgt1rjZSUtbWaszIGoxHIjVXDZs2rgv1FJeKG7XDQ59jpuxI2lRYUjhqm1kTpI3Imx+OoiquO1du3aL6zGy20vu/oZj0ciOaqK1UxRUXjKvSXSC26NWp9yvdTlaJjkY6Tg3PwVVwTY1FX7ig7EFJdrf2P7XRaQQyQ19Ojo1ZIqK5GI5dXi/VwKL/AGk//lfVf8zD/iFeWhTnq1NPp7ozUXW3W2C7RSV1wjbLTwtjequa5us3HZ3uKbcHYKetKdOtGtFZmRX27wUs7kxSJGukfh5VaxFVE+dUM12JtELNbdCrLdFt9NUXWWlZVLVzRI+ZHOZiiNcqYtREwRETyHyPsW3K6VlbfL2uhLdKq6pqV4SqlqWN4Hx6qNc12HHx+RETxGpj4pp6kjOOk/o/RzSO0aTUebsVfFWQNXVcsaqitXyOauCov0ofIv8AZz/pVp9/zjP8cw7GNl0goeyrXXaTRiTR+y10CpJTcK18bHIiKmGGHjRV4tmKnj/Z3e2PSbT98jka1tW1XOVcERNebaSLRN+U+cE/2zHOH0S+dk7Q+yVz6S5X2nZUsVWvjjY+VWKnGi6jVwX5lLaLSyxy6NzX6C5RTWmFiySVESK/UROPFqJrY/NhifL6XSbR+5SXBND+x5UX+KSZ/D1jqdjIpnuVVd+keiqvHxLhhjxIV3+zXEi1umtvqaVI6Zs8aLRyOSRsa60iK1V4nYYImPjwERMxPZdarRntdJ0T7NlDNpbfk0hu0MFka/VtvB0ki67dZe+XBquxVuHHh9BqdK6DQyp7KOj9TeK6qi0laxjqSmYj+DmTWdqK5UaqJgqO/rJ85kOxBbKGo7KvZAhqKGllhhqnIyN8TXNZ+lfxIqbDt2Rv/wDInQv0Ef8AjkJE/wBnNKv++X8PsOkF/tOjtDm71XwUcGOCOlfgrl8jU41X5kKSwdkrRC/17KK1XuCWqeuDI5GPiV6+Ruu1MV+ZD5lcqGDS7/aMmtt+TMW+20yOgpnrixyoxrsFTx4q5VXy4ITv9oPRKxUOgy3W3W6kt9fSTx8HJSwtiVyOdgqLqomPl+bAXtETO/1sts5iNvpd9S0r0ps+ilHDVX+sysE0nBMfwT34uwVcMGoq8SKVN27Jeh9quTaCvvsEdUuGLEY96Mx8Tla1Uav0qmB8p7OVbUXLsPaGVtbjmqh8Mkjl41csK4r9fGa/TfQfR+j7EVwSG102YpqF1Q2qWNOGWRG6yvV/GqqvHtE3pvfaSn4ujbeH099wo47cte+qgbRJHwuYWREj1MMdbW4sMPGZKj7KuhVZdIrfTX2OSqlkSJjUhl1XOVcERHaurx/OfPNHLFctNf8AZyo7ZQTolW2RyxpI7BJGsmcqMVfFs4vFsQ5aKaT2vRpbVo7p7oVFZ6mHUZDXLTNfHI9qphJrYceOGLmq7auOw1b4pp9Szf4bpXZWVE7POgyqqIiJGqqvi/SuPodN2T9Dam8ttcN+pn1bn8G1Ea/Uc7yJJhqL/E+X9m23RXfsyaH0FQ5yU9UyOORWOwVWrK7FMfnTYSv9o3RWyW3QeirLXbKShqKerZE19NC2NVYrXYouCbdqIu3/ADMUzaiL6XnzateubdUNj2ZqLQ+ttls7ua6poqaOoxp3wI9Vc7Da1dVrtionkT5lNNpDpRYdEaWi7c1mUhnXgqf9FJJrKiJs71F8WHGfG/8AaDnfU9jXQyeZdaWV0b3L5VWFFUm/7UTdayaMNR2qq1Lk1k8XeptNWtE9tvL6pE3t2TL6Nd+yXofaLmtur77Tx1jV1Xsa170Yvkc5qKjV+ldhraaohqqeOemlZNDI1HMkjcjmuReJUVONDBaQdj3RWPQitpe1NHHwVI9Uq1ibwyORqrrrJhrKuO1du0qf9marnqexukc7nOZT1kkUWPibg12H8XKIzvyJnKJ631sABQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAZG1f0guvpl9pelHaKRZb9dXcPMzGZ2xqNw4/nRS/7Xryuo/gz8pFeAAAKd1XVzNqkjWFjY3vYi6q62zx8ZcFXaURaiqRUxRaiTFFOOLM3piJ3dKLWmS2U8CJTVUtXLJNweOEkqKjVVNuHkJVdHTVjGI+o4NWO1mujkRFT6zrkKTktP6tDjUw22mYj6mKkiaq4I57WtTHybTu5IFNLUwpUpDM2WKORUR0yq5y7E8eJa0siy00MjsEV7EcuHzoQJqy2JTrHTVVCxFx2NlYiY4fSeqS5UEdJAx9dSo5rGoqcM3jw+k409KMSb6Os26HNZA8QyxzxpJDI2SN3E5jsUX6z2dXNFudLnKCenx1Ve3vXeR3Gi/xwKiyzz3WvbUVMaxpRMWFWr45l2OX6k9pY3qvyVHIsao6pcmrEzHarl2IuHkQrKKn7QV0DXyY09UzVle5djZU2623iRdotJeGjONXUJTxI7VV7nORrGp/WcvEh2RUVEVFxReJSFdGPVsEsbVesMqPVrUxVU4lw/iB7YlZrNV76fDHvmoxdifMuO3+B24aPglk4RnBpxu1kwT6znHXUsjo2xzse564I1q4r/DxFO+eOGy1VM92E7Ve1Y/621cccPJguOJFWi3CFK5KZXxbWY62unHj7nDykwrEe2K6QLI5GI+n1Wq5cMV1k2fSWZUAABwf4dD6N/tadzg/w6H0b/a07gDI9lq4VVr7HV7q6CZ0FQ2JrWyM2K3We1q4L4lwVdviNcYfs2//ACuvvmR/isA46J37R/RC3QWq62xdF6lqI1/DxqsU7vG5J0xa/HyuVF+Y2kGkVkqY9envFulZ8ZlUxyfcpZyMZJGrJGtexyYK1yYopSz6I6N1EmvPo9Z5ZPjPoo1X72lRxuOm2jNtRc3fLej8cODZMkj1X5mNxcv8DAR1TJ+ylo9cbPZaq00FetRBPUSty+fwhc9FWLjwRURUc5EVcfmPqNvstqtjkW3WyhpFRMEWCnazZ9SGc0y/ptoP/wA1V/8A9Z4GoABFAAAKfQjwS6f+J1X4ilwU+hHgl0/8TqvxFA0ZmNK0p3X3R1tZwS07pZ2vSXDVVFhcmC4mnI1dQ0lfEkddSwVMSLrIyaNHoi+XBSowsVdFofWsp1q2VOj0zsInpIj30bl/qr41Z5F8Xt3CKjmo5qoqKmKKnjKDSjR+zQ6M3aWG02+OVlHK5j2UzEVqoxcFRcNikvRX+i9m/wCTh/wIRVoAAAAAAACrq9IbLR1DoKu726Cdi4OjlqWNc36UVcSk7D9fRr2PdHqZKunWoyyJwSSJrY4r4uMp+xDo1YrroBQV90s1tra6eWpdLUVNKySR68PImKuciquxELHTjQ21RWBZdHtH7fBdIqmlkhkpKRkcjcJ2K5UVqIvudbH5ion9k/4PsX/jlB+MhpzI6b19uu1PbIaS623hKW6UtVKj6piYMjkRzvHx4JxGjobjRV+tkaymqdT3XAytfq/TgpzjFombRObc0VRF5h0r/Aaj0bvYXBT1/gNR6N3sLg2yAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAAPwqdJLHQaRWaptd1hSWkqG4OTiVF40VF8Sou0txsJMXi0rE2fCqDsY6e6KSyQaEaXU8duc5XNhrWr3mP6qse3H50wxNzoNo/pXQLX1Gl+kbLrPURpGyGJmpHFx7UwRExXH4pu/EC7WlN3zfsLaD3LQa0XKku01HNJU1KTMWle5yImqibdZqbTl2ROx1V3u/Umkei907U6Q0zdRJHJiyVE4scMcNiqnEqKmzA+nAk5zE9R183zTR2xdkd12optJtJrbkKd6PkgoIe+qMPE5ytbgn0bPmK/Svsf6Ss0/m0r0Ju9FSVlVEkVRFWNVWqiIibMGuxRdVq4YJgqcZ9bBR8Z/wDhppJN2QLBpLdL1TXCemVHVbn4x4YKuDImI3DVRF8aoqripcdlrsf3HSyss90sNwiortbH60Szouou1HIuKIuCoqeRcT6afmJOq22abzPXk+c1ug900r0AdZtOrjT1F24ZZo6ykjTViVPc4Jqtx2KqLsTHHjKS26L9li30rLdDpZaFoY0SOOeSJXzNYnFsWPauHlVfpPsY8Rd12V9mpZ6O1UdLV1TquohiaySocmCyuRMFcqYrxrtMz2W9F67THQue0W2SmiqXyxvR1Q5zWYNXFdqIq/cbYCc9SMtFJojbprRorabbVKx09HSRU73RqqtVzWoi4Yoi4bPIfNKjsa6TaO6RV1y7HN8paKmrn8JNRVrFViLjjgmDXYptXDYipxYn2U/fEJzm+5GUWYvQi0aWUVTVVel98p7hJKxGRU1LDqRQ4LiqouCYqvzp9ZQdjbse3DRyt0vdd5qSWmvL/wBGlM9yua1Vkx1sWpguD04sT6mCTn3WHxTRbsd6eaMJNabNpTQQ6PySq9JOA1qhiLxq1qtwRV87Dxl32I+x/cdCbnpHNXVNNUU9fKx1OscjnyI1rpF7/FqbcHJxY7cT6gCxMpMRMWfFK/sb6X2nTm63zQi+2+kjub1fOyqYqubrO1lRE1HIu3FUXZ5C+0r0Gul47KujuktPPRtobdExkzJHuSRyo56rqojVT+snGqH0zYNhIyty0Wc783zPsidjeovl+pNI9GLn2q0hpkRqSubiyRE4scOJcFw4lRU2KhRS9jbTLSyqpY+yJpLS1NrppEkylBHhwi/OuozD6cF8eGB9qBYyJzfNOzFoHXaY6N2u12OSipcpUJJ/vDnNajEYrURNVq+VDUaWWapu2hFxs9M6FtTU0bqZjpFVGI5W4YqqIq4fUaMEnO8TuRNpiep8v0c0O0p0f7GFLY7TdKCkvlPO6RKhEWSFzVcq6q6zcdqL8Uprj2ONM9MKyhbp/fbY+20knCpBb4l1nr40xVrcMU2Y7foPtI8Rb53S2VnzPTTQS43vsl6M6QUc9GyhtiMSWOV7kkdqvV3eojVRdi+NUJ3Zh0Qr9NdEWWu1S0sVSlQybWqXOa3BEci7WtVcdvkN5jsGJnoxa3O673fJ+yX2O7vpVoZo5aKCehiqbdqJM6eR6MdhGjV1VRqqu3yohQf7UceNn0Yid7lapzVw81D7viYTspaArp3BbYu2OQyUyzY8BwuviiJh7puHF85Zz164nyIyjsiYZO9aA9kK4US2OLS6kfo45EiV80OFUsXxHKje+wTZ7pMfH5D6XoZo3R6KaO0dnt+ssMDe+e73Ujl2ucv0qXjUwaiH74zV02i79ABFAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABmrEqNvN1Vy4IkzlVV8W0vqeqhqaeOenlZJDImsx7V1kcnlRSjsPw3dPTO9p4qbNcKOolfo9XwUUM7lfLBNCsjEf43MRFTVx8acWO3ygWoAIoVlp8Jqf8AmHlmVlp8Jqf+YecMbWntdMPSpblTfWo+W2NeiORatuKKmOPeuLYqr17/AGv/AJtv+Fx6HJOylPyeHmIMpT8nh5iHcAVGjiYWiJE2Jwkn4jizKzRz4JZ6ST8RxZkVTXO1zVFVLJFl3NlYjV4VFVWYfFPdfbZZHQOhWGVY4+DVtQiqn0/SWwN9OWPd05uFBTrS0cUKu11YmCqdwDE55txFosAAAAAAAA4P8Oh9G/2tO5wf4dD6N/tadwBh+zb/APK6++ZH+Kw3Bh+zb/8AK6++ZH+KwD6GUmm1ZPbtEL3W0cnB1NNRTTRPwRdVzY3Ki4LsXanjLsznZG/oBpJ/4bUfhOKj5DTab1ElPE+XsjakrmIrm5Kn71cNqe4EulqSywyy9kNj5YVVY3uoKdVYqpgqovB7Ni4G3vFyuknY6dDLYp4oFoWIs61MSoiaqbcEdiTdMrpdZtH5mT6P1FOxZYVWR1TE5EVJWKiYI7HauCfWRWBptNa5bxZYaTTftktRcKenkpspA3XjdIiO2oxFTYviPuBgtO7jcqmGwx1lkno4u3dCvCvqI3oi8MmzBqqpvQAAAFPoR4JdP/E6r8RS4KfQjwS6f+J1X4igaMxOmnZFtWiNzjobhT1ks0kSSosDGqiNVVTxuTxtU2x/Of8AtD/02pP+QZ+JIZrmYi8PFxuPVg4XTo1ay7dmPR24Wusolo7tGlTC+FXpDGurrNVMcOE+c82rsvaN0Nvo6JKa7ubBEyJHuhj2o1ETFe/+YzOjmjNo0zsFqqqdkNDNbZuDu6M73Xh1Vckn0qjcNnjVfIYDSmso6++VU1rpIqOhV2rDExurg1NiKvzrxr9JzmqqM3za+N4iiIqmYtOnrk/rwAHZ9+NAAADA2Kn0j0jmu9UzSme3wwXKopIqeGige1rI36qbXNVVVcMVN8ZjsYfB99/8cr/xlAzNysV67HuhVTU2jSiolpLY1ZmUc1HCrJMX6zmq7DW2q5fHsxL/ALILKisvFitsSNmhqHSvlp5JFYyXg0RyIqpt8vzY4eQkdl//AOWekP8Ayq+1DlpjA+q0v0YhjqJKZ7syrZY8NZqoxF8ezxbU8h5eMi+FMdcx5w78LNsSJ6onyl2p5YqKPg3aITxr5II4ZGr9eshRaW0kktqmrqTR9tslp04VKx0jWStw8jWY4r4tqmrWl0ki72O4W6dPjS0rmu6L8Cn0woLsujVfLcLq10bItbgKeBI2uX53KqqqfNsPFjYdXupynKJ2iPH6PXg1U+8jOM5jefXe09d4DUejd7C5Kau8AqPRu9hcn1o0fNnUABpAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAZuxLhebqq+KZ3EmPjOLqe7X5Vqoq2qtFJxQxMREkkb8d+si4Y+JvGicfHgnew/Dd09M72mjArgARQpqWSSmnqcYJ1VZ3uRUjVUVFLkHOujp2zbpq6KD2wk3FR6lSJXVCzzW3WY9mFY33bFbj3ri5I1dRwVsbWVLFc1rtZuDlbguGGOKL85KcOqJvNVyaqZjKE0FR2joPiTfaJPzDtHQfEm+0SfmOrBo58Es9JJ+I4/dIXPZaZVje+NyvjTWY5UVMXtRdqEykpoqSnbBTt1Ym44Jiq8a4rtX51IWkfwS/0kf4jQPFdbI6ejnmz1xbwbFfilQ5cMEx4lXacI78kNG19VSXB2q3F02W1Wr8/HsLS+/Atf6B/+FTlVUr63R9aaJWpJJC1EVy7OJAJFHVQ1lO2enej4nJsX/I7Gep4a2iv0DpG00UNYrkkjhc5UVyNVdbBUTBdhZ3VVVtPDiqMmlRj8F4048PrwAkJV0zpODbUQrJjhqo9McfoOx4SNiNa1GNRrfcphsT6CClVUy00lVDwPApirWORcXIi+XHZjh5FAsQVyVk09RCymRjY5IUm1noq6u3yYpieH180XCJK2PGGVrZXNRcNV3EqeTxeUC0BFinfJXTRNROCiaiKvjVy7fYSgOD/DofRv9rTucH+HQ+jf7WncAVukdmpdILHW2qvR2Xqo9RysXBzfGjk+dFRF+osgBi6e56ZaPtSC52pmkdJGmyuoZGxTqifHicuCu81SHpPpfHedD9IabtHpBQPdbKpdetoHRsTCFy7X7UT+O0+gHC40cFwoKmirGcJTVMTopWYqmsxyYKmKbU2L4gMNeKK9M7HTpJ7xBLTJQsVYUokaqt1U2a2v9+BO0yob5Ho/M6qvVPPHwsOLG0KMVV4VmC4668S4L9R6f2NtF3RcE6jq1iww1FuNThh5MOEP2TscaMyN1ZKSre3jwdcqlU/EAg6eUd4ghsL6+7QVUHbuhxjZR8GuPDJtx1l9hvTKwdj/AEcgqqeoZSVLpaeVs8SyV9Q9GvauLVwc9UXBU8aGqAAAAZOw3ftR2zp6q23ZznV88jXRUT3tc1z1VFRUTaawAU/dXT//AGy9/wD8fJ1Hw3s71Ta3SugqGRTxI+3twZNGrHp+lkTa1dqH9FGf0i0OsOkVWyqvFAlRPGzg2v4V7MG4quHeuTxqv8TNUTVFnk4zh6sfC6FOr4rbtNqPRiisVDo66SSCOXMXN7mauYcqaqsRF/qo3HD91eNDHaV9qlv1U+wPe62yO14muYrVjx424eRF4vmwP6G/+F+h/wD9o/8A9qb85+p2MND2uRUs6YouO2plX/Wc5oql86v2fj109GZi3zy8G0AB2fcjQAAA+e6M392jb75RXCyX98j7tV1DJKa3SSxvY+RXNcjmoqLsU+hAD5v2QdKUvmhl3tlBYdJlqqmBWRo+0zImOKePAk3m4waQ37RyXUudsiSSpjV9VE6lka7g2qiprJxKqonkXahvyNXUNNXwLBW08c8KrjqyNRURfL8y/OccfC97R0ezwm7pg1+7q6Xb4xZBS23pq4Q6QNczxcNRtc7D6UVuP8Cj01t9TDo5WTXS+yzasfexNayGNy+RUTa76MSzh0QssDVbDTzsRfE2rlRP8R0pNFbLS1WZjoWvnRcUfM90uC444prquC4+Q8lfDV1xNMxr/wC0z4WeqnHppmKonT/1iPFaV3gNR6N3sLkp6/wGo9G72FwfQh4ZAAaQItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGcsPw3dPTO9pozOWH4bunpne00YFcACKj3Gd1Nb6meNEV0UTntR3EqomJXx11ZDkJKpaeSGqVG/o41YrHKmKcblxTxeIl3z4Fr/wDl3/4VItvoUytJUTTT1LookdFG/VRrV1fEiImK+LbiBPjrqSSoWCOqgdOiqixtkRXIqcezjD62lbUcA6pgSfdrImt5eLjMtJVpUR2t61LeGWrZjSxRtRsG3BUXZrIvHxrt8hPp6iOlr0hpJ6esinqnK+DD9LC5V2u2eJFReNPrCXWNsu1PXzTxRSQq6ORWtRsiOV7URO+RPJtJUFZTVEjmU9RDLI33TWPRyp9KIUEjnLS36kgeiVrpHPbEi985qtbtRONcUOlAkVXVW90VwpHLToupFBCrXI3VwVHd+uCcXGnGIVoivvsMtRbJY6dnCS6zHI3FExweirtX5kLAAU1yq6qa2VrJrfLAxaeTF6yscid6viRcT9lZDU09IqSULtWJEXhlxVNnzKhbSMbIxzHtRzXJgrVTFFTyEXtVb+QUvqW9QEKZ0aV9ljY+FysfJikS7E/RqWdVTsqYtR+KbUVHNXBWqnEqHOG30cEiSQ0lPG9vE5kaIqfXgSgI0cdUjmcJURua1durFgrvrxX2HLIyMifBFUalO5V71WYuai8aIuP08aKTgBVvhcy7RMpnpHwdNgiK3WRU1sMOND3NFFTUdTmpdd0+OsvFrLhgiNT2FiAIdqgdBRMSXFZn9+9V48V/94EwADg/w6H0b/a07nB/h0Po3+1p3AAADOXC63GqvUtosDKZk1PG2SqrKpjnxwa3uWIxqtWRyoiqqazUamC7cURbCzR3mKSdt5qbfUswasL6SmfAqLt1kc1z3/NgqL5dhnGVtPotpbfJL3K2kt12fHUwVsq6kLXtjSN0bnrsa7vEVMcMcVwxVFM65zq+l04g0QuVVc6TtZC2nc2vkrm8MvC8I1j3PXvlbqbEVONpP+bru+i0mkFmrJKtlJdrfPJSIq1DYqljlhRONXoi97hgvH5Cv0P0tt2lEVQtBVUb5YJpY3Qw1LZXajZFa2RcOJHImKfTxqZXRvL3i9aOvpdJrBOtrY5Y6G3UDopmRLHqLG9FnesbUxbijmp3zWpxl92O62mWC623MQ9sKa5Vj5qbXThI2une5rlbxoioqKi8S4mrZs7X5teACKAADP6cXass1jZUW3LpUyVdPTNdURq9jeElaxVVqOaq4I7HjQ70c1dbY5JdJLta3RPcxkToqZ1IiOVcERVfK/WVVVEREw+vEo+y8sCaIMWrl4GlS4UXCy8Kseo3MMxXXRUVuCeNFTAiz3DQ2PRq7x013beaaWNI5adt3fXSPc7FGMZrSOVrnLsTDDbt8RIn4Znn+0G8Q3Oap85lOHhzXB8JwOumvqY4a2rx4Y7MSFQX+z3GukorfdrfVVkSKskEFSx72YLguLUXFMFXA+bUsF0ZozpTaq7hH6ZyUjJJHMkR0lTS6uq1I1RG8SI9q4Yd+qu/roXt4ulovGhNxt2hdVSTV8dtkbBS0iJwsLMERWaiYOjXiTVXVXH50LORGctdb73arlUz01uudDV1FOuE0UFQx7o9uHfIi4pt2bSs7H1xq7ro2lTXy8LPm6qPW1Ub3rJ3samCIibGtRDL6N5e8XrR19LpNYJ1tbHLHQ26gdFMyJY9RY3os71jamLcUc1O+a1OMvexX/RBP+erv/7cpbGzXgAgq9Ka+W1aM3a4U7WOnpKSWoY2RFVquaxXIi4YbMUKCkvN/opbFNd5LZWUV0e2JcrTPgfTvcxXtXvpHo9NitX3OGKL8xadkD+gmkf/AIdUfhuK/RzRzGitNdXXSvuU1PTtfSx1XBJHA9WYayNjY3WXBcEV2sqIq4YYqSN56rLOkfP+F5Jf7PHdktcl2t7LmqoiUjqliSqqpineY48W3iJSV1IralUqoFSlXCoXhE/Qrqo7B3xdiou3xLifLErrR/8AC+q0cqFg7ppKd8cttVESqkrlTHhEZ7pVV+D0kTZh32OCYk6/UtXTaQJanprLpPRwQVD0XZrxLhOv0uhdh+6hbbR/CaZy+ipXUjm0rkqoFSr8HVJE/Td6ru8+N3qKuzxJiR6e92qoukttp7nQy3KJFWSlZUMdKzDjxYi4pxp4j59o1S1k9yqrXTrqTaM0tRSUyqiImvK5eAXD5omN2/rqV+isbblbtGLW7SOyU1Vb5opu1rLe9lfFIz3xjkdOqoq9+jnKzajlXiURnPd4pN4h9UjvFslrWUcdxo31j1ejYGztV7lYuD8G44rqqiovk8ZT6XXW50dysNBaJKKGW5VMkL5aqB0yMRsT5NjWvZt73Dj8ZH7G9PHFR3yVjUSSa81rnu8a4TORPuQreyg63svGiDrxWZKhSul4SfNupdT/AHeTD9I1zVbtwTjTHHDxidI+TUZzMdV/BbWS711ZHpDb7qlM+stknBOnpmOZHMjo0e1Ua5XK1UR2CprLtTHHabtD5hoc6FsmkkVlndV6O6rZKaqV3CpJM5H8MiTLisqJgzvlV2CqrcdmCfT0Jv8AKGQAGgItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAMfp7eq23T2agoquC3JcZ3QvuE8aPbBg3FERFVE1nLsTHYbAzOmV0sVBRx02lMbVoKvFqumgWSJFTDY5URdVduxV8nGSVhIsVBc7Y6qkvF/kucKtarOGp4oeBwx1lxYiYouzj4sDja9NLBdK6Ojorgj5pceC1onsbNhx6jnNRr/AN1VPniU89xsOl1r0Nnra3R9aFuU11crWzYrrxQvdtc1WpxbURVw8ZKs0ltvtXZaddNKuqmpaiOeK3rRRRvjez+q5Gxo5qImKLxIXVmcoarRG6cFR6S1V1rVSnpbpUN4SeRdWKNurgmK8SJ5C0suldmvlU+mt1ar6hrOE4KSF8TnM+M1HtTWT50xQ+dXWkqqrRPSJaRJ1ZBpK6edIWI9/BtexXKjVRUdhx4Ki44FjZ0pL/e6Spo9M5rxX0kMywxpTRxozXZqrrKxiK3jRcF8aGaZ+GJ5H1a12mdhS5rQJXOkqUlSB3BQSSMbIq4aqva1WouK4YKpX6K6c0t9vtytyJK10VRwdNhSTN12JGjlV6ubg1cVXYuHi8pX9j3SOzWuw2uw1kqUF5gRtNNRSRuSR02OCuRMO+Ry7dZNm3jJGilypKPTjSi2VUvA19XWtngheiosrOAb3zfKneqaiM7a5E6LHT7Spui9DSTKxXSz1EcTU4GR7dRXta9cWpsVEdsReNeLEkVOmFlpaOlqZ6mVrKrW4GPKyrK/VXBV4PV18E8uBA7Kr1i0WZUK16xU9ZTTSq1qrqsbMxXO2eJETEp9INMI5L3QtpLzS2u01NKskV0Wm4ZZ366tWJir3qYYIu1Fx2EjT5/ss/ssNLtIIK3RKjudkuLlp5K+mZw0L1YurwzUe1eJU2YoqL9Zc2zTCx3O4toKKvR9U9quja6J7ElRONWOciI9PNVT5Uj0d2Pr66dtRWMXSViubJCjJJkWWFVxYiIiKvkwTjNder1b9Kr1o3R6Py5uqpbgyrnfGxUysTWu1keqp3qrjq6q7S6RHOf2hN/l5SttE7qkFDpLVXatVtNS3WobwtRIqpFGmrgiKvEieJC1smlVlvNRLDQVutPGzhHRyxPhdqfGRHoiq3502Hze7UtTU6M3ySmWdrKbSd9RULBGkj2xtc3FyMVFR2Gx2CovEWto7U3u8x1sul9RfFo6afWibTRtRsL24PRyxsRU8WxduKbEM0zeI7F+rYWvTCyXWvbRW+sdNO9HKxUgkRkiN49V6t1XfUqlldLnSWmhkrLlOynp48NaR/ixXBE+dVXxIfPtCLwlPerbZNH7w2+2JYnp30OEtva1veI56IiKi+5wciONH2RbxPZrPSzUywxMfVxxTVc8KyspGLj+lVqKmOCoiJ4sVNTlYjOU606V2e7tq1oqtyupW688ckL4nsbhjjqPajsPnwIkGnmjc09JHHc2rm1akL1hkSNVcmLWq9W6rXLj7lVRfmMNaqxa3Te6TMu8t2jdYJUSqWnbEx2D+JmqiayJjx7duKY7CXdoIov9n+jSONrUbQ0kiYJxO1mLj9OKqojS88vOU3t60hvL3pNabHPDBcatWTytVzIo4nyvVqf1tViKqJ8+GBSdju6rd63SeeOtdWUaXHVpnLIrmtZwbFwbjxJiq7PKQWXeg0c0/vs+kEmUS4RU60dVKi6j2NZg6NHYYIqO24ePE69i6eOpr9LaiCJ8UUt1V7WvZqLgsbFxVvGmPHt27dop37P3WdvWzVX2/wBssMUT7pVJAsrtWNiNc98i+RrGorl+pCM7S2yss3bSWuSKjV/BI6WJ7HK/4qMVEcq/NhiZ+/VlNYOyJHd77+its1vSmp6xzVVkEiPVXNVUTvdZFTb48MDhpFeKGa96M6Sse6q0fpXVEUtSxjnNhkciI2RUw9zsVNbiTEkZwTq01s0mtV8jq47ZWK+eBms+KSN8UjEVNi6r0R2Hz4FboFemLonoxHcquWS4XCBeDdJrPdK5qK52Ltvi8qlY6vpdJdN7fcLBItRRUNFUMq6yNq8G/XRupGjv6yoqK7ZjgUVtq47Xoz2N7tWI9lupWvbUTo1VSHXjVrVdhxJjsxLGnck8n1F11o2XKSgfNhVx06VT49R2yPFU1scMONF2cZT0+nmjVRPSRxXRn+9IixPdE9rFVUxRFerdVHYf1VVF+Yz1Ddqa86f3apoHOlpEsbWsm1VRsv6R6qrceNNuGPFiilRcKaD/AOAtkjWFix4UTlaqbMVlZiv14r/EU568vG/0WdcvWT6DZdKrNea19HbqzhalrOE4N0b41czHDWbrIms3524oQpNPdGoGNfJc0RmurHPSCRWxqjlauuqNwZtRdrsMePiI2kiIzslaHaiImMVc1cE8WoxcCo0cpof/AIRXxOCb+m7Yuk2e6XhJUxX6kT+BL2i/rU3iOuWxvWk9osz4Y66rwlmZwjI4Y3zPVnxtViKur8/EWNFWQVlBDWU0mvTzRpLG9EXvmqmKLhx8R8rmrbfb7fYrjHpC2z6QdpqdupPDwkVVHhijVbhtXWRfcrimJ9J0Zrqq46PUFZcKZaSrmha+WBWqmo5U4sF2p9C7SzGvKUidJ62ZsGnVNfJ7zRsSeOaGWRlMqUszNZjY2u1nOc3BrsVXYuC8Ww4aF6bWiPRqwQXS6OdcJqeJj5ZWyPRZXNTY6XBWo5fIq4njR+5UlJfdMLRUy8FcKiskqYYXIqLJGsDO+Typ3q7Sqq4Yov8AZ0iSONrUS3RSpgn9bWa7H6cdojS/KFtebc5by9aWWWx1KU9yrHMm4PhFZHDJK5rPjORjV1U+dcCp0r04orRDZZqWRKmG4VEaJJHBLK1YVx1nNViL33kTj+ZSmvWkU7NKbhb6i7ssbY44uASOhSaevxbiqtVyKi4KqtRqIq8ZSWqZtJ2K9D62pR6U1HdmSzyObsiYksiK5cOJExT5iTtPOPNL5ZdT7BQVcNfRxVVOr+BlbrMV8bo1w+drkRU+tCjfpto9Hcci64tSfhsvrcE/g0kxw1OE1dRFx2YYl3Q1sFfQxVdFI2enlbrRvbxPT5j4ZpRpFPedDK7M3dsNZwiLLZKWgRuXwlT3xzkVyYYY63e4quzjL/1ZdrvsNVpLa6a5yW6WeV1fG1jnQQ08kr8HY4KiNauKbFxVOLx4HC6aZ2C1Vz6StuCMmiw4VGxPe2HHi13NaqM/eVCuscbV7Jukcqpi9KKiajvHgvC4+xDEUcrbVU3623rSupsk81bUSup30kL21Eb1VUe1zo1V+LcEwxVUwwHIynw8n2aORssbXxua9jkRWuauKKi+NFKa36SWy4Vi01DPLPM174pODp5FbG5qqio92rg3ai4YqmPixO+i9FHbdHLbRU8ss0MFOyOOSVuq5zUTZimzBcPEZHRWjkqdCNK4KBNWrqa24tYqLgqvVzmtXH+BKspy2giLxHa0FNpro/U3FlFBcmumkkWKN3BvSOR6f1WyKmo5fmRSHYrpwF70ykuNY5lFR1MbkWZ66kLOAaq4Y8SY4rsMHZUobrZbXY63S+tgmjWBi2l1DE2SGRioqN2R6yYOT3WPFtVeMu665VFndp/WUtOyokZXU6KkkayNY1YokV7mptVGoqrgnkNaX9bwRm19r0xsd1nlhoqx7poolmdG+nkjc5if1mo5qK5PNxK3QzTal0gfcI5FfFJBUTIzGmljbwLHYI5znJgjsNqpiip5DLWu4dseyToxNHfnXqPgatOGZSthiYuomLWqiYuXiVUVVw2eU8ulWs0Z060cpHuS+yVdbMykwVHvjc5HIqfM5q4J5cTOmfKfCUjPvjyby16aWC6V8dHRXBHzS48FrRPY2bDj1HOajX/uqp+3LTKxW24PoqyvRtTGiLKjInvbFjxa7morWfvKhhrPJbr7VWandpnV1U1LURzxW9aKKN8b2f1XI2NHNRExReJCforfrbo8t6tV7V0F2kuNRMsTo3OkrGvcqsczBO/xbgmziwEwsSv+xVWT12g1vqauolqZnulxller3ORJXIm1ePZga9T5z2LbpRUGgej1NVyLBNWzTQ08eoq6zkkeursRUTYnj2H0ZTVSQAAigAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4AEUAAAAAAAAAAAAAAAAAAAAAAABwf4dD6N/tadzg/w6H0b/AGtO4AH45zWMV73I1rUxVVXBEQyEmlVNcNKtHqaw3airaGoWobVJSyxyoqtjRzUVUxw8vGgGwBWQ6QWae6OtkN2t8lxaqo6kZUsWVFTjTUxx2fQVlr0ztFx0ouFjhrqBammVrY2tq2OfM7ByvajOPFurt4/nwA0wKyg0gs1wrpaKgu1vqq2LHhIIKlj5GYLguLUXFMF2FmAAAAENbpQJQpWLXUqUau1En4ZuortbVw1scMdbZh5dh3zEOay3DRZjU4TgtZNbVxw1sOPDHZiB1BWWy/2e61EtPa7tb62eJMZI6epZI5iY4bUaqqm0j3i/0EVFWx0lzou2DYJnRRNmY56ujRdbBuO3VVNuzZhtM1VdGLrEXmy7BS2W7wustjdcayBldX00bmNke1jp36iOdqt2Yr48EKvRHSujqLTbo7zeKFt3qnSIyGWaOOSVOFe1uqzYq+5w2JtwNzFp6LFNUTF2uBBu14tlmhjlu9xoqCJ7tVj6qdsSOXjwRXKmKnVK6kW355KqBaHg+HzHCJwephjra3Fq4bceLAjSSCttt6tt3pZ5rNcqKvji2OfSztlRq4Y4KrVXArdE74ybRHR6svVdAysuEESI6VzY1mlc3HBqbEVV27EHrvGkAMb2QdLKS1aPXuK23ihiv1LSvljp0mjdMxUbrY8GuK8W3anEFiLtkCruekFos/ANvF2t9BJK3FiVVSyJX+VU1lTErtIdMrTYbva6G4V1BC6sVyudPVsj4JiMcqPVF40VW6qLs2r9QS+V2lBVVmkNloa6GjrbvbqasmRqxwTVLGPejlwTBqriuK7E8p0u18tNlSJbxdKGgSXHg81UMi18OPDWVMcMU/iBYgrrpe7VaYYZrrc6GihmXCN9TUMja/ZjsVypiVek2mNq0frbTT11bQxZ+XVV01UyPg49RzuE28bcWo3HYmLk2+IC+r/Aaj0bvYXBlbzfbRSxtpqq60ENTVxf7vFJUMa+bW2JqIq4uxXYmBqgSAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAAAAAAAAAAAAAAAAAAAHB/h0Po3+1p3OD/DofRv8Aa07gZTsltV2jOtJE6ahjqoJa2Jsav16dsjVk71NqpgmKptxRF2FFXXazXfslaJ1Flmpq+RkNYx1VSuR7ETg0VI1e3Zj49XjTHHZjt+kARl65WJzfEq6+dtaPR2qkuzUr+3VJwllpKeJGUCrNg5JcWrI121yK5XNRyrsbtwNq26Q2vTjSiFzonXCekgqKOkc9GvqtSOTFGJxu2tVFwxwNwBP9vR9aQuV7vjVJdY7jeNA6mO+Mrah1XhJRUVPEymoEWnk/R7GrJG7DZqvftwcuCYYJttNHaTW6upbxo43tlSwxrHVWhyoxZUVceEY/DHWTiw27OJMePXgt09ebPaE0t+htks+lNYya41UqzrTxNRI6RqoiJE1U48MNq4rt8vul0IBB8nr7K+6Xi76Fua6OhfPLdke3iRkjO9T6cw57k8w5wrX6TaJ3695eWSonjpKGSnjbrPfFCqLUMRqeNXPnbgnHgiH1wEjKLE5zf16u+e3C52bSC6aKs0TqaSsqaOrbIrqNUdlKbUVHtfh72ipqt1VwVVw2d7s9aO08cWiOmMrGoj5q+5Oe7xrg96J9yH0ACqLxMdd/Gy3tMT1W8L/V8t7HMsdoraJukrmrdbhRwtt1c9cIpIdRuFPGi+4ci7Vbiqv2OxXibVUFzsTuxPcbMiwreKvNtjoFbjUVE6yPSN7We6cmKNVHpsTV401dn2cGqvinNmm9Nnz+nraTR/TKqqNK6qnpXy2+nho62rcjI3I3HhY2yKuCO11RytxRVTBdurspY4eCtSV8tM7uUXSB1bwawrqtpODXCXU40j4f9JxYYYO4tp9aAvnf1r/BaLW9aWYNKyivmntFcNHainrKent88VfV0r0fGusrFijV6bFcio52HGiLjs1kxznY0mZaO0U+lCtV1bQQwWiucuEMTVYmNPgvuJFVMccf0niww1U+vgRl67VnOHmTWWN2ouDsFwVfKfFL7dLKnYUuFnrHQOvsNM5auhVqLUNqtbF8rmceGsutr8WC444H20EjVYmz5zpFeGu0guVtrbqyyxR0cSwthgjfVXLWR3es4Rrke1FxbqNYrsV40xwWtsVfBQaKdjK4XOoZTUcTNSSoncjGR40z0ajlXYnFht8Z9YAj14s2ys+P6e3plZbdNKSru0dtkhjlbBbKWCJ09e3gUVJX67XOexfKxG6rWri5cMUsb1cYLRPTXenvtrhvLrREyW2XBEXOMTFzUjwVHo9VV7diPRcU71VwPp4JtZq+frk+VV1fU0GmdRW19wtGj8VVbadtKt3pHPYje+WSFr+GjajkcqK5vGqaq8SEhYKfRuwaFvqrnBNbaW5OetdwfAwsjfHPqYYuXVYmu1qKq4YYbdp9NBq/V6zT6ftZ83vNxordpNXy2rSG0vqbg+njq7XUqiyvxa1rXwqio5O8cjsFa5q4LtbtU+slPX+A1Ho3ewuCQSAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAABX3e70VqbEtZI9HyqqRxRRPlkkw49VjEVzsE2rgmxOM5U1+t9QlJqSTMfVSPjijmp5I3q5qK5yK1zUVuxFXaiY+LjAtQcqSoZVUzJ4klax6YoksTo3J9LXIip9aHOprqemqqWnmk1ZqpzmQt1VXWVGq5dvi2Iq7QJIAAAHmRyMY5zlwa1MVX5hoPQONFVQ1tHBVUr9eCeNskbsFTWaqYouC7eJTsNDUAAAAAcH+HQ+jf7Wnc4P8Oh9G/wBrTuAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHCv8BqPRu9hcFPX+A1Ho3ewuASAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAAABwmqoYXI2V+qqpjxKB3BFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqM/T7zoqBKBFz9PvOioz9PvOioEoEXP0+86KjP0+86KgSgRc/T7zoqSgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4HN0rG+6XD6lPzMRfG+5SK6g45mL43RUZmL43RUDsDjmYvjdFRmYvjdFQM/TyRw9kKsbWK1k1RQxNole73xrXPWVrfnRVYq4eLV8h+aRSNfpPovqOR2rVTouC44LwD9hbXOmtl1psvc6WmrKfWR3BVECSNxTiXBUVMTxFT2mhgpo4KSmghplXgGRwI1IlVFx1URO9xxXi8qk2sksFo9NPdpNDKW4XWvbFV2aaaVrKx8Tql7XRYYuRUdiiKq4oqLgi+JVRfUiOrKrRylqblUZZt2rKaGo4ZUkliSORqN4T3Sr/V1kXWXDHHHaaKustjrLlRSzxUklvpqSSkSgfSI6JUc+NyLgqYJhwfFh4/mLOaKxT0cNJPR0ctLCzUjhfTIrGNw1cEaqYImGzDybDW3f538lnOZ9bMos9TBXOs7LjV9qHXdtItQ+oe6VjVp9dYkmVVdismDdbHWTW1UVFRMJFRVJaJb5bWT3GqokWlihTOuWVk8zlasXDuXWai947FXK5qP73jahpGR2Ntr7WtpKRLdq6uVSmTgsMccNTDDDH5jzFT2GK1utsVFRMtzsUdStpUSJcVxXFmGHH8xBiG1Fzjo623OrZqZ8N7oqdOAuMlW6Jj+DV7OFeiOXHFdjk2Y+TAtpqeKWuv0Nbc7hS09ngZlkSvkbqMWPWWaRVd+kxdrJ+k1k/R8W1cdFBDYqaFsNPR0cULXNe1kdMjWo5vuVRETjTBMF8R+1kdjr6qCprqSkqainXGGWamR7o/NVUxT6iTF4mPWkQRlN/WtzQr+h1j/AORh/wACFyQIK2gghZDArY4Y2o1jGRqjWomxERETYh77ZUu96C9RqZ6UzLNMWpiEwEPtlS73oL1DtlS73oL1EaTAQ+2VLvegvUO2VLvegvUB1f4dD6N/tadyCtdRrK2ThVxa1Wp3q+PD5vmPXbKl3vQXqAmAh9sqXe9BeodsqXe9BeoCYCH2ypd70F6h2ypd70F6gJgIfbKl3vQXqHbKl3vQXqAmAh9sqXe9BeodsqXe9BeoCYCH2ypd70F6h2ypd70F6gJgIfbKl3vQXqHbKl3vQXqAmAh9sqXe9BeodsqXe9BeoCYCH2ypd70F6h2ypd70F6gJgIfbKl3vQXqHbKl3vQXqAmAh9sqXe9BeodsqXe9BeoCYCH2ypd70F6h2ypd70F6gJgIfbKl3vQXqHbKl3vQXqAmAh9sqXe9BeodsqXe9BeoDrX+A1Ho3ewuDOVtwpn0c7WyYq6NyImqvk+g0YJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAi/8U/6P+olEX/in/R/1ASgnGZbT+prKSyxS0bqhlNmY0rpKVqumjplXv3MREVceLFU2omKptQ/dHWWplJPdbHcq640j4vc56WsTFuK96j3OVH7cFRPm2YkjcagGeoNIkqLrHbay2XC3VcsLpYUquCVJWtVEdgsb3JimKbFw4zPaC3mC09j6xNkjnqKmqkkip6eBqLJM7hHqqJiqIiIiKqqqoiInGUfQgZdNMKJtHVST01bDV00zKaSgexqzrI/3tqYOVq62OxdbDyqmClvaa+WvjldPbqygfG/U4Op1MXbEXFFY5zVTbhx8aKBYqDA6eW5kNVZ6iCsusL626QQTpFc6hjXMdji1Go9EbxJxIhopnrY6WnpqCguty1lc5EbPwr2p41dJPInl2JrY+RMEXCRnmb2XYPnmkt/pK+16PXFkdSxrLyyKSF8X6VkjddrmK1McXYphsxx8Rf02kLKyrqLbVUFbba/gHTRxVaRrwrOJVa6N7mrgqpimOKYpsJfWS2dmkB8/wBB73Fa9AdFoOBqKutq6ZEgpaZGq+TV2uXFytaiInGqqn8VRDVWO8U94indDHNBPTyrDUU87USSF6eJcFVFxRUVFRVRUXYpq1pmDZbgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADE6b6X1ui9TG6WypU0MuyOobU6qa2G1rk1FwXjw27U+tE0VgrK24W2OquFD2vlk2pAsmu5rfFrbEwX5vF49uKIEq5+BS/V7UJRFufgUv1e1CUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABnLD8N3T0zvaaMzlh+G7p6Z3tNGBWKxF4zzwTfIdARXPgm+QcE3yHQAc+Cb5BwTfIdABz4JvkI1wibwKbP6xNItw95TzgK3g2+QcG3yHsAeODb5BwbfIewB44NvkHBt8h7AHjg2+QcG3yHsAeODb5BwbfIewB44NvkHBt8h7AHjg2+QcG3yHsAeODb5BwbfIewB44NvkHBt8h7AHjg2+QcG3yHsAeODb5BwbfIewB44NvkHBt8h7AHjg2+QcG3yHsAeODb5BwbfIewB44NvkHBt8h7AHjg2+QcG3yHsAeODb5BwbfIewB44NvkHBt8h7AHjg2+QcG3yHsAeODb5BwbfIewBwqI2pTyr+qvsNiZGp8Hk8xfYa4EgAKgRbj4Oz00X4jSURbj4Oz00X4jQJQAAAAARf+Kf8AR/1EogzOdFXJJwcj28Fq943HbiBzvFXV0cUL6O2T3FVk1ZI4ZY2PY3VVdZNdzUXaiJhinHj4jGVVlvNVLpHcrPRPsdRW0bYY4XTMSSaZFVVlcsaua1cF1UdrKvjXDBDd5z+wqPVjOf2FR6sllYCz6Ozs0ys1yo9GktNHBBOyqlllidUyyORuCvc1zlenHg5XK7HWxRNirGg0TucWj2jDpqSokqbW+dKijpq5aeZzJXLtZIx7UxTYuCuRFTFMcT6RnP7Co5gzf9hUcwqRkxjbHS9qri+TRW5VC1skbJ6aruKT1EjWpsejnzOa3VVdmD0Xx7NhbaF0typaetS45xlM6oV1HT1k6TzxR4Jij3orse+xVMXOVEwTHxF7m/2ep5gzf7PU8wCk0xt1XcXWPJxK/LXOGplXWRNWNuOK7V28fEm0r9LbdWVl8oZZ7ZPeLI2B7ZKCOVjU4bWRWveyRzWyJgipgqrgu1E8Zqs3/YVHMP3N/wBhUcwzEW8x8zodG77QaP0sdPaaVlVBf3V6UsMzWwthxdhqrswTBcETBF4sUQ0UNJcLvpNFdKy3SW+noqOWnijqJY3SyvkVuK4Ruc1GojcOPFVXiTA1Wb/Z6jmDN/s9RzC2yL53fNqTRO6Ulq0VqJ6KrnmoKJ9HVUdHXrTzJrK1Uc17ZGtdgrdqK5EVF8aohsdE7ZDQQ1c0VurKGSql15G1lYtTK7BqIjnOV70TiwwRy7ET6EuM3+z1HMGb/sKjmFvqJQIub/Z6nmDN/s9TzAJQIub/AGep5gzf7PU8wCUCLm/2ep5gzf7PU8wCUCLm/wBnqeYM3+z1PMAlAi5v9nqeYM3+z1PMAlAi5v8AZ6nmDN/s9TzAJQIub/Z6nmDN/s9TzAJQIub/AGep5gzf7PU8wCUCLm/2ep5gzf7PU8wCUCLm/wBnqeYM3+z1PMAlAi5v9nqeYM3+z1PMAlAi5v8AZ6nmDN/s9TzAJQIub/Z6nmDN/s9TzAJQIub/AGep5gzf7PU8wCUCLm/2ep5gzf7PU8wCUCLm/wBnqeYM3+z1PMAlAi5v9nqeYM3+z1PMAlAi5v8AZ6nmDN/s9TzAJQIub/Z6nmDN/s9TzAJQIub/AGep5gzf7PU8wCUCLm/2ep5gzf7PU8wCUCLm/wBnqeYM3+z1PMA6TxMmajZGte1HI5EVMURUXFF+lFRFT50OxFzf7PU8wZv9nqeYAufgUv1e1CUV1ZO6amdGyCdFXDjZ85YgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAZyw/Dd09M72mjM5Yfhu6emd7TRgVwAIqp0jrZ6KGhdTuRqy1sED8Uxxa56IqfwP22aQ2y51r6SiqHSTsa5ytWJ7Uwa7VVUVURF2rhsI2mPg9r/8AE6b8RDCcNLT2yWankfFMy21qtexytc1c4nEqAbnSu6V1vkoYralNwtQsmstQ1zkRGRq/xKnkLOy1T66zUFXMjUlqKeOVyNTYiuairh820wSpJHXpBJUVFQ2CvrY43TyrI5G5PHDFfpU22iv9F7N/ycP+BALQi3D3lPOJRFuHvKecBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAAADhNVQwuRsr9VVTHiUDuCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRU9RVkEj0ZG/Fy8SYKBIAAAAAAABnLD8N3T0zvaaMzlh+G7p6Z3tNGBXAAiqLS+KeSho301PLUOgrYZ3RxIiuVrX4rhjh5DHstj+Dq45KHSF8U0ElOxq00KcEj5EkXBUft2p4/KfTQB81dR1LosVpdIs0tRJUOnykGKq+NI3Jhr4cSeTxm70eZwVjoYUiniSKFsaMnaiPRGpq7URVTxY8ZPAAi3D3lPOJRFuHvKecBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAACBV+FL5ie1SeQKvwpfMT2qByB877KGkdzs92tFJT3JLLbapHcLc3UmZRj04mYLsTH/3xKWbdJ5bPo/bJa+Oq0gq6lHYTWWm4VsiIux2CKiJsVPrxwG1zezYg+Y6VaXNvGj9hr7HUVtIj73DSzxqqxSN49aN6Iv0bNqF5eOyJabXcqqldS3OpZRuRtXVU1Kr4aZfI92Oz6sR68vqevXc2QMjcNP7TR3hLcyC4VbkZG+Welp9eKBr8Far3Y7EVFReJTXAAABzqveHfV7TmdKr3h31e0rb3cY7RZq24TNV0dLC6ZWp/WwTHAkzaLrEXmycD59oqumd5paC+zXqiipalzZFtuUTVSFV3nutbV2p85Pk7INvgukVJVW2800MlRlmVk1IrYHPxwREdjjt+g1bO27O12yBgbPp3UVmnV0stRaq2Ojp1Rsc2WVFi2KqulVXYI1cO9XDaioTLd2RLRX3Cmp46a5R09VLwFPXS0ytppn+Rr8fHh5CRna26zlq2QMTceyNbqJ0istl4q6dtUtGlRTwNVj5U2aiYuRVXHZxHu8dkS1W2uqqZKO61iUeCVU1JTa8dOvke7FMMANmDIXXsgWqgqKKGKnuFfJW0yVVOlFBwiyNVcMETFFx412+JPqPfd5am2i8180VXClqm4CogkY1JFdiiJgmtguOOzagGsBzppeHp4pdR8fCMR2o9MHNxTHBfnOgNQ8ze9qejzN72oF8AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAARZ/DqT9/2Eoiz+HUn7/sAlAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAgVfhS+YntUnldWuVKrBrHPVWJsamPjUDJ6XUOk1XNq2KWyy0MkPBzUtzic5uOK98itTbsVEwXZsMVcOxbck0cs9uo62iq0pZJZKimq3SxwSOftxTg11u98X/tD65rP3E/MGs/cT8wllu+V2zsb3Si0aorbmKDhIL2y5Ytc/V4JEw1UxRV1vmX+JC0j7FNZU6R3GvoYLJXQVkyz4XGWpY+Jy7VROCciKmPlPsOs/cT8waz9xPzC+vL6J68/q+YaR6A3m43illt81oo4YGQtjqmJK2rp0Y1EVrVTY9Ni4a+K7T6gmxExXH5z81n7ifmDWfuJ+YW6WegedZ+4n5g1n7ifmEV5qveHfV7SDd6CG6WuqoKlFWGpidC/DjwVMCXUq5YXYxStTyubgh44T9V38CTF4ssTabsFo7YdNLNDR2pl1tD7PTPRGzrE9alY0XHVwXveLZjtwMvL2K71JeUq5qm1TuZWNqUq5JJ+Hkbr46rk2sTZ5E+s+y8J+q7+A4T9V38DV8+lum1mKl0XurdN7pcaeehW0XaBsVWyTW4ZqNYre8w2fWpldHOxbW2e9UMstLYaqmpqhJM06WpbUqiOxRdVHamsnkwwPr/Cfqu/gOE/Vd/AkZWsTnq/nC13Z1JpNJIygoa+u7ZvkZRTMqUqkVX+61E/QoqJ4+ND6TWaIaS01VfobDXWptrvUjpJ80x/Cwq9MHauGxePxn0bhP1XfwHCfqu/gS0dGI9bLM/FMsXZ9DZrVpJZKuCeKSht9sWhXWVUke7HHWwwww+szOldibX9l+hoqaT/AHasjjrbjAibF4JV1VX6diH1rhP1XfwHCfqu/gavnE9XrzTaY63oHnhP1XfwHCfqu/gQejzN72o4T9V38DxI/FipquT6UA0IAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABFn8OpP3/AGEoiz+HUn7/ALAJQAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4AEUBndK9I3WKooIWUsMzqpJO+mqmwNZq6v9ZyYbdYqO7io5Daf/AObh6gNyDDd3FRyG0/8A83D1FvoppG6+1FfC+lhhdSpH30NU2dr9bW/rNTDZqgaIi3D3lPOJRFuHvKecBAAAAAAAAAAABEVzkRqYquxEQkZKo3Tj8oPDIfONGBnclUbpwyVRunGhBS7PZKo3ThkqjdONCAXZ7JVG6cMlUbpxoQC7PZKo3ThkqjdONCAXZ7JVG6cMlUbpxoQC7PZKo3ThkqjdONCAXZ7JVG6cMlUbpxoQC7PZKo3ThkqjdONCAXZ7JVG6cMlUbpxoQC7PZKo3ThkqjdONCAXZ7JVG6cMlUbpxoQC7PZKo3ThkqjdONCAXZ7JVG6cMlUbpxoQC7OSUs8bVc+NyInGpxNJV+CTeYvsM2QAABzqfB5PMX2GuMjU+DyeYvsNcCQAFQItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAIv/ABT/AKP+olEX/in/AEf9QEoAAAAAAAAHz6+wSQ6X2ans1xuk12fVJU1rXVb3RR0m1Ha8WPBtRdjW4NRVVMcVVFU4afVDeHdHQ115pr1LURQ0sz5ZqejhVVRdqrqwyJgi7O/cqrgmPEkjOxOTfXPwKX6vahWljccUoZMVxXZiv1oVyqjWqqrgibVVSgD59ZLrWrfqK71FTPJar3PNTQRPeupCjfeXI3iTWRj1Xy6yH0EbXN7AAAAAAAAAAAHmb3tT0eZve1AvgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACLP4dSfv+wlEWfw6k/f9gEoAAAAAAAGcsPw3dPTO9pozOWH4bunpne00YFcACKyWls8cGk1hdLRTVqLHVIkMTGvcq4M24OVEKmaqppNLIXP0ZrXMShemXdTRK5V129/hrYYJxY8e0udKI6x+lOjy259OyobHVKiztVzcMGIuxFRfGQZGaQ92MCLNac3kH4LwMmpqcIzHZrY444eMCJDVU0elkzmaM1rWLQsTLtpokci67u/w1sMF4sePYW2iU7J9Jb86KimokSOlRYZWNY5FwftwaqoRI2aQ92M6JNac3kGYrwMmpqcI/DZrY444+MnaLx1jNKdIVuL6d9Q6OlVVgarW4YPRNiqq+IDVEW4e8p5xKItw95TzgIAAAAAAAAAAA70HhkPnFhpDLJBYLlNC5WSx00j2OTjaqNVUUr6DwyHzidpR/Rm7/wDJzf4FKPlFDBpU+0U1bUN0sRjoGyvmW90bGbWouO1uxPpFtdfLojnWubSesaxcHLT6RUEiN+nBFLjTikhuOhehVHV1OWpp6qlbJKrWOa39C5UxSRFYvfImxyKcrbo7DYeybYHMuq1tVPTVKSNy1LCqRo1uGKQxtVUx8uKeQIvexdPdHLf6W8vuCy0tY1kbK2oZNJG1YWOw1mIjV2qq/WX3dRaVvS2tlRLJVtk4J/BU0r42Pwx1XSI1WNXDxKqKRNFf6TaYf89F/wD14ihc6qoNM2po7BeWpU1uNxpKijdk3NX3U7JXJg12xFwa5cfG3HaB9Fc7Varl4kTEr7Bd4L3ZqS5UscrIKlnCMbKiI5E+fBVT7z5nRU9dU9kOguLLG63PzVXDVujt8rXPZqO1HSVCrqyNcqNVERMEVUTHxLTTWS6rZtGobjSyNoGWtYUjls81ctPU6699wcb2uY/VwweqLhgvEB93M/pDpTa9HVibdlrGJIqI18VDPO3FV1URXRsciKq7ERVxUxVPa6il04tMr6apu1WjIIp6itt0jVp0bHtliqMVY3FfdR4qqqqmq7I1LUVej0UdJBLPIlfRvVkTFcqNbUMVVwTxIiKqr5EAv7dXRXGjjqadJ2xvxwSeB8L+PDax6I5PrQ4We7w3Va5II5GrR1LqWTXRExe3DFUwVdm0+a6fU9fX6VMfSWR7KqjraNYayOglllli4Rmu5s6KjY2oiuRWbVVEVVTDakeqtMj7pdGxWW5JfZL+k9FXLTvRkcKOjV7kl9yxqtRyKmKa3kUD6lZ7vDdVrkgjkatHUupZNdETF7cMVTBV2bSzPjmkFpuzoatco91uW/zzVUUtvkq2yxLGiMcsLXNdKzW8SKu3BcFwN72P6Ka36L00E9RJP38jmLJSvplYxXqrWJG9znNREXBEVccEQDTAAAAAAAAAAAAAKGu0gbDVy0tBQV10q4lRJo6RGIkWKY4OfI5rEXDBdXHWwVFw2nqg0gjqKqOkrKKtttZIirHDVtZ+kROPVexzmKuG3DWxw24Ffd7TNS2SlpaBlVVwtqeFrI4JkimqGuVyuwdrNTHXVFVMUxRFT5j3aLTUVFjbBcUqabUq0npmTSpLNAxr0c1rn4uxXYqca7HYYgakg08tU+vrI56VIqaPV4CdJUcs2Kd93uHe4Ls+cnFbRt1bpXL2yfUL3mNIqswptniwTW77j75V+YCZV+CTeYvsM2aSr8Em8xfYZsigAA51Pg8nmL7DXGRqfB5PMX2GuBIACoEW4+Ds9NF+I0lEW4+Ds9NF+I0CUAAAAAEX/in/AEf9RKIM8nBXBHaj3/osMGJivGBOBFzf7PU8wZv9nqeYBKBFzf7PU8wZv9nqeYBKItfHUS0U8dHO2nqXMVscro9dI3YbHauKY4eTEZv9nqeYM3+z1PMAzWiWjdzsKvSa50NW2ZyyVU6UD2VFQ9U906RZnJs8mrgibERD9r9Gbhd8tTXy8RVVrgmbNwMVJwUk6sXFqSP11RUxTFdVrcV8ibDSZz9nqeYM5/YVPMAXLwKX6vahn75RzXGz1lHTVOUmniWNs+pr6mKYKuGKeL5y4rqnhKV7eBnbjhtczBE2kPhP1XfwJMXiyxNpuylw0Cs0lpZTW2jorfWwrG6GujpW8IxzFRUcqpgq44bdu3E1qcW3jPPCfqu/gOE/Vd/A1dmz0Dzwn6rv4DhP1XfwIr0Dzwn6rv4DhP1XfwA9A88J+q7+A4T9V38APQPPCfqu/gOE/Vd/AD0eZve1HCfqu/geJH4sVNVyfSgGhAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAIs/h1J+/wCwlEWfw6k/f9gEoAAAAAAAGcsPw3dPTO9pozOWH4bunpne00YFcACKrLxZae6zU000tVDNTo5I308yxuRHYY7U81Csk0Ppn1CTpdL02ZGKxJErXa2qq44YrtwxRNhpgBmY9D6ZlQs63S9OmViMWRa12tqouOGKbcMVXYWdnstPapqmaGWqmmqEakj6iZZHKjccNq+cpZgARbh7ynnEoi3D3lPOAgAAAAAAAAAADvQeGQ+cW92pc/a6ukR2pmIXxa2GOrrNVMcPrKih8Mhw+MX+L/it538ijBLotpW+0R2upv8AYaqiZE2JYqixq9rmomCYos2C8Rxs2hN/sbpFstx0Wt6ybHrS6O8Grvp1ZkxPomL/AIred/IYv+K3nfyCM9olZbhapLrUXe4QV9ZXztmc+CmWBrcI2sRNVXO+Lx4mkPGL/it538hi/wCK3nfyA9g8Yv8Ait538hi/4red/ID2Dxi/4red/IYv+K3nfyA9g8Yv+K3nfyGL/it538gPYPGL/it538hi/wCK3nfyA9g8Yv8Ait538hi/4red/ID2Dxi/4red/IYv+K3nfyA9g8Yv+K3nfyGL/it538gPYPGL/it538hi/wCK3nfyA9g8Yv8Ait538hi/4red/ID2Dxi/4red/IYv+K3nfyA9kWGkp4qmeoip4mTzavCytYiOkwTBNZeNcE4sTvi/4red/IYv+K3nfyA8Vfgk3mL7DNmhq1flZsWt9wv9b5voM8RQAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAACL/wAU/wCj/qJRF/4p/wBH/UBKAAAAAAAB+eQHzmvqGyaXWentVdeY7hJWukqHV0k0MMkLEXXYyKTVZJxoicG1cMNZV8ax9NbtcbvDGyz1c1FblroaKKphe5j6uZz0R2q5NvBsTW2p7pyeRFxRnbmTk+i3PwKX6vahWljc/Apfq9qFJd3ujtVa9jla5sL1RyLgqLqrtJM2i6xF5slA+VaM3RWS6HOpqy7pPWMRtc+4SVHAzYxY4NWXvVersFbqfP4j6qamLMxNwAEUAAAAAAAAPM3vano8ze9qBfAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEWfw6k/f8AYSiLP4dSfv8AsAlAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjApaOtp6zW4CTX1cNbvVTDH6foJJntEv/qv3P8zx2QtLKPQvRaqu9Zg90aasEOOCzSL7lqe1fIiKviPB7ExsX2nw+HXNPx1zMWjtmId+Jopwq5pjSF7WVdPR07p6ueKCBiYuklejWt+lV2Gbl7IuhsT1Y/Se0Ypx6tUxyfxRT5no12Nbn2QFj0j7JlbUSZhEkprXC9Y2RMXaiL8XFPEm3yrjihvYOxJoLBEkbNHKRUTiV6vev8VVVP6avheA4eehi4lVVUa9GItE9V5nPus8vSrqziEmHsnaFTIqs0ltiYfHmRvtLCn040VqV/QaSWaTZiqNrYlVOkVK9inQdzVRdG6HamGxFT/M+Lt7B9RpJpppNG1HaOWmjnayi/3R0rJ2Ki7Wqr0xwREVVxXa7DZhgejhuE9lcR0pnFqoimL3qiJ3iMojOdepKqq42u/pqmqIaqnZPSyxTQSJiySNyOa5PKipsU5XD3lPOPh1NYeyL2KqCJ1kqqfSXR+mVVkoEh1JGNVVVVaiYrxqq7FXauOqpu9DuyVYtNonU9vdNT3KFNaWiqW6sjUTYqp4lRF2bPrRDx8V7LqopnG4eqMTDj/qNu2NY8ua013ynKWnAB8t0AAAAAAAAd6DwyHzjRGdoPDIfONEUl+gAIAGep6u63KrlloX0MNvgmdCrZonyST6q4OVHI5Ej2oqJsfxY/MBoQZm66V0VDR3KVsVa+aijWR0T6OaNXoi4YtxZ3zceNzcUTFFJSaR27hqeJ0lSx82rgr6SVrWK73LXuVuEblxTBr1RdqbNqAXgKGm0qs9TUcFHVuYuq9zXyQyRxvaz3Tmvc1GuanxkVUPLdK7Q6CaaSomijj1MUmpZY1VHu1Wua1zUVzVVcMURU+cDQAqaa+UNRBFJHJI3hZ8u1kkL2PSTDHVVjkRybNu1E2bS2AAAAAAAAAAAAAAAAAAAAFXBFUH473K/QBT2y6x3i1VE8THR6usxWuXHxfzK4j6Cf0er/Pd/hQkEUAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAi/8U/6P+olEGdz2XBFij4ReC4tbDxgTgRuGqeS/3iDhqnkv94gEkEbhqnkv94g4ap5L/eIBJI9XHLLTyMhmfTyOaqNlYiKrF8qIqKi/Wh+cNU8l/vEHDVPJf7xAM6mjVZXXmhuGkFxgq8irnU0FNSrBG17kVFe/We9XLguCJiiJ5FI9y7Huj9XcLdPFabVTwUsrpZYY6CNMxi1URHKiJsRVxw244Iarhqnkv94h+cNU8l/vEA83JMKGRE2Js9qFTWwZmjng1tXhY3M1sMcMUwxLCulndSvSSn1G7MXa6LhtIes/4n3kmLxaSMtGRo9E63JWaguV0p6i32x8T444KNYnyOjTvNZyyO2Y7VwRMTYHnWf8T7xrP+J95q8ylrPQPOs/4n3jWf8AE+8ivQPOs/4n3jWf8T7wPQPOs/4n3jWf8T7wPQPOs/4n3jWf8T7wPR5m97Uaz/ifeeZFcrFxbgn0gaAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAiz+HUn7/sJRFn8OpP3/YBKAAAAAAABnLD8N3T0zvaaMzlh+G7p6Z3tNGBjNE+9SrVf1f8z5TbI5OzH2REulRGqaGWGVWUzHpsqpti4qnk4lX5tVPGpubhWpbNCNKKxz9TgaKRyOx/raj8PvwIv+zxQrQ9iazazNSSoWWZ2zjxkdqrzUacvsdV929ifeqf75noxPVe8zMc7Rbld39ofFxE0+tn0kGSv3ZF0XsN2mtl0uL4q6FGrJGykmk1UcmKbWsVNqfOfM9EdIbbfcpDc9PNKKS81tVJDHSwxq2PbK5I0RXQKiYs1V2u8fi4jo4vo107J2h1quNRQ198ghq6d6xyxrHIuq5ONMUbgSbB2Q9FdIbmy32a8Q1Va9Fc2Jsb0VURMV40ROIxHY/t2llBU6V0tguNpmpo73Mj5brDJJNI9Y41VyrG5reJW+LjxJ8sGkS9lXQ52klRaJdSCvdDkIZI/wCpGjtbXc7HjbhhhxKB9SPhfZmp6vRHsg2XT+moG1NuhhytY2NUY7WdrNRy+XFHoiL+qiLhsPuhg+zrS5zsV3+PDHVh4bmKj/8ASfS9kY3u+KopnOmv4ao5TlLGJF6V7R1EdXSw1FO7XhmYkjHJ42qmKL/A7GV7FlVm+xzo5Kq4qlDHGq+amr/kao8fE4XucavC/LMx3S1E3i4ADioAAAAA70HhkPnGiM7QeGQ+caIpL9AAQM9DaK+mrZlt1yjht88yzywS02u9jlXF3Bv1kRqKu3BzXYKq/QmhAGEotBFhWtfLWUjpaqkkpXTRUWpLJrKipJK/XVZHJhx7McfESH6GpJe0udT2lqp3rG+d81s1pEe1qNxifwmMaYIioi62C7cTZgD51bbbU3Gsp7c6oqX2uippqdHvtklG5iOajGprSbJHYY7Wojdm1NqF2/R2uq5I5rtc4amohWJInQUixNRrZGyOxRXuxc5WImOKInkNUAMxQ0a1OllbWMjmZSQoiIksSsR9Rhque3FEVURiNTWTYuK4Ku004AAAAAAAAAAAAAAAAAAAAD8d7lfoP0KmKYAY3QT+j1f57v8AChILK3WmKz2qogge56O1nK53HxfyK0igAA51Pg8nmL7DXGRqfB5PMX2GuBIACoEW4+Ds9NF+I0lEW4+Ds9NF+I0CUAAAAAEX/in/AEf9RKIv/FP+j/qAlAAAAAAAAH4fMbdbo7Here3SXR6y1Fbca+V0Vyhck0zZVc6RuKPiarUREwRUcuGqhW1Ne+vguulF+0forvZoKp8EDamo1nQwNkSNXRwKxzdZVRVVVc1y4YcSIIzTR9WuXgUn1e1CuJdTHHDa+DgYkcTWtaxjW4I1EVMERPEUeklZLbtHrnWU7VdPT00kjERMe+RqqmwlU2i60/FZYgyujOjNqW1W2umpoqi5vZHUvr3J+nfIqI5V4RO+wXiwxww2YYbDVGpi2SRN4uAAigAAAAAAAB5m97U9Hmb3tQL4AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAiz+HUn7/ALCURZ/DqT9/2ASgAAAAAAAZyw/Dd09M72mjM5Yfhu6emd7TRgfA+y7OsPYi0l1VwWRaZn1LMmP3H07QOnZS6E2CCNMGx0EDU+qNp857KNBJcOxNpRHAzXliZDUIieRkiOcvNRxu+xfdIbx2P7BV08iPatJGx+C+5e1qNcn1ORUOH2evP2bwbbV1X+dreTvxn+1V2QysVtvdT2VdMXWK9wWzGnoHS8LQpU6/eSImHftww1V+nH5jjpdadIobvoa696Q01xpu30KtiitqU6o5I5HIutwjsdiKmGHjx8Rsb1oLo/erpLcbhSTurZWNY+SKtnh1kb7lFRj0TZiviPm2idqp7KlJLdtC9Lq68UVVLJHUsmWSL3x/Bq1rp0RcGK1NrfLx8Z2cXa6VVhdpHfO11N2Q3ypWvbWOsqzJAs6IiO9w7DHBG/PhgTdDamx93FsZLT6bx3V8U6Ua39ZVZq6qLJq66rtwRuOHzfMc+x/bb3eajSustl9uWj8Ml7mV1FJRU73tcscblV2sjsF2omCLhsLCSz3Sh7Kmh7rvf6i7/wC717ouFpoouDwZGi+9tTHHWTj+KB9RMv2To+F7H+kEfxqCoT+6cagyvZSqmUfY+v8APIqIjaKZEx8arG5ET61VEPTwl5x6La3jzSrSWS7BEnCdiiwqvibK3+Ez0/yN8YPsGQPpuxVYWSpg5WSPT6HSvcn3KhvDt7Vt99xrfmnzlnD/ALYAAeBsAAAAAd6DwyHzjRGdoPDIfONEUlQ6V2KG+0UXCQ00lVSv4WnWpiSRmthta5q8bVTYv8U2ohx0VorNNR090ttnoKGdyK1XQ07Gq1UXByI9qbUxRdqbFQ7aVUlzr6OKmtrKd0Ej8KpJah0Lnx4e5a5rHYYrsXZxY4ceKSLW66seyGpt1tpaVjdVFp6x8itwTYiNWJqYfWEW5lKKsq26S1EVwrauF+u/L0SwMSCaJE71WSauKv8AGqK/Zt71EwU1ZnbhozHcZpc/cLhPSvV6spHOYjIlc1WqrXI1H8TnYIrlRMeLYmAVtNphT3dsK25VgfFXRQ1DHSQy967H+tG97fEvjxTDxHmHsj2OdavgHOl4FiPZqTQO4VNZG7ESTFm1zffNTj+ZcLOk0WhhlSWor66sm14na86xp73raqYMY1MO+XxHqk0fkpKWSlpb3c46ZW6kMWrA5KduOODVdEqrs2d8rtn8QLmjmknpo5JaeWme5MVhlVquZ8yq1Vb/AAVSQVtjtcFntsFDSuesMKLgqoiKuKqq7GojU2quxERE8SIWQAAAAAAAAAAAAAAAAAAAAAAAAHGr8Em8xfYZs0lX4JN5i+wzZFAABzqfB5PMX2GuMjU+DyeYvsNcCQAFQItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAIv/ABT/AKP+olEGdz2XBFij4ReC4tbDxgTgRuGqeS/3iDhqnkv94gEkEbhqnkv94g4ap5L/AHiASSPVwJVU0sDnysbI1Wq6J6scnzo5NqKfnDVPJf7xBw1TyX+8QCnotG2R3OCvuFwrrnWU6K2nfVcG1IMUwcrWxsa3FUXDFUVcNmJDZoTQtVI31dfJbG1S1jba97OASRXK7xN11TWXW1VcqY+I0nDVPJf7xBw1TyX+8QD8ufgUv1e1CskY2RjmPajmuTBzVTFFQm1K1M8Do8tq62G3hEXxnDLVO56aAZq36MMtzIqekut0Zb4na0dFwrNRqIuKNR+rwmqi+LX4tnFsNAdctU7npoMtU7npoByB1y1Tuemgy1TuemgHIHXLVO56aDLVO56aAcgdctU7npoMtU7npoByB1y1Tuemgy1TuemgHI8ze9qd8tU7npoeHUtS5qpwOH7yAXQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABFn8OpP3/YSiLP4dSfv+wCUAAAAAAADOWH4bunpne00ZnLD8N3T0zvaaMDFaMRsmiropWNfE9rWua5MUci62KKh8knSs7CGlstRDFPU6B3SVFexuLlo5F8n1c5NnG0+vaJf/Vfuf5lvdbfSXa31FDcadlTSVDFZLFImKOQ8P2O42OH9n0UYlPSw6rxVHznOOqY2l6OPp6WNMxr/D9ttdS3OggrbfOyopZ2I+KWNcWuRfGST4HPbNKOwtU1FZZEde9CHScJNSPX9LSovGqeTzk2L40TjPr+iOlln0ttjK6yVjJ2ORFfHiiSRL8V7eNq/wDtMUPv8Z7PnCj32BV08OdJjblVG0+ezy013ynVCufY90TulfPW3CxUlRVTu1pJXouLl8q7TvYtB9GrDXpW2ez0tJVo1WpLGi44LxpxmjB81sPkP+0zcnR6E0tkpV1q68VscEcaLtc1q6y9LUT94+i6YaRUWimj1ZeLmq5enbjqt909yrgjU+dVU+SaFWK96c6TU+numEeWpIfgm3/EbxpIuP8AFF41XBdiIiL9j2VhRhVffsbKiicucxnER8856oc8Sb/BGsvp9moY7XaaKgg95pYWQs2eJrURPYTAD5Ndc11zVOsugADIAAAAAO1F4XDhs75DQaq/Gd9xn6PwuHz0NGUedV3x3fd1DVd8d33dR5mlZBE+SVyMYxquc5eJETjUrrddXVsjsKCtggc3GOeZrWtkT5kRyub+81pYiZi7E1RE2Weq747vu6hqu+O77uojV1ZHSOp0kRy8PKkTdVOJcFXb82xT9t1YyuoKeqjRWxzxtkajk2oipjtHRm1zpReyRqu+O77uoarvju+7qPeKeUYp5SNXeNV3x3fd1BWu+O77uo9KuwgUdypqyWSKnkVzmeNWqiOTixaq+6THZimKYiImdEmYibSm6rvju+7qGq747vu6j2Arxqu+O77uoarvju+7qPYA8arvju+7qGq747vu6j2APGq747vu6hqu+O77uo9gDxqu+O77uoarvju+7qPYA8arvju+7qGq747vu6j2APGq747vu6hqu+O77uo9gDxqu+O77uoarvju+7qPYA8arvju+7qGq747vu6j2AI9Wi5Wbvl9wvk8hnTSVfgk3mL7DNkUAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAi/wDFP+j/AKiURf8Ain/R/wBQEoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAIs/h1J+/7CURZ/DqT9/2ASgAAAAAAAZyw/Dd09M72mjM5Yfhu6emd7TRgUtHRU9HrcBHqa2Gt3yrjh9P0kkA5YeFRhUxRhxERG0ZQ1NU1TeX45Ec1UeiK1UwVF8Z8q0i7COj9bXLcNH6ms0euOKuSShkwYi+XV8X0NVqH1YHt4XjMbhapqwappvr1T2xpPzYqpirV8VS1dl/RX4Nutv0oom8UVWmpKv1qqL01OrtMeyy9upFoDSNlXYjn1TdVF+fv09p9lB7vxamrPFwKKp67THfETEeDPu+qZfEoux3pjpzcKas7Jt0hhtkEiSstFF7lVTxOVNn14uXBVRFQ+xVjGx0sbGNRrGqiIiJgiJgSyLcPeU848nFcbicV0YqtFNOkRFojsj95zappilAAB42gAAAAAAAHaj8Lh89DRmco/C4fPQ0ZSUK70jq+11dK12os8To9ZU4lVMMSkq33S42yopZLVLBK1jdfGpYjJ8HJrMY5rldg5EVMXI3j+k1B+mormNnKrDirdiKGzTsqI5KO09rKNKhj0pNaNuqqMkR0mqxytTHWamxcVwxUrZbDdJKmzqtvc2aijpmtnjSn71GqnCNe92MmzbgjMEVF2quJ9IB0jiKo2hxnhaZi15fOrba31LnyQWueOVJ6nhK+OSNHyxq6RODaqu1scVTY5EaipjicKjRutltlLAtrkioY5ZMaSmho2yPxRurI9j9aFXbHIqoqLtRURNqH0aKGOFurExrG4quDUwTFVxVf4nVPpNTxFV7xDP3Sm1plUw25z7XR0kk1SkTGNbIkqossiInuXObs+nDjJFZQMniYkf6GSLbDIxNsf0J5PEqcSoWAQ4dKb3enoRazy1F1U1lRVw2qiYHoAjYAAAAAAAAAAAAAAAAAAAAA41fgk3mL7DNmkq/BJvMX2GbIoAAOdT4PJ5i+w1xkanweTzF9hrgSAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAABDke1lxxe5GpwPGq4eMmHOSKN64vja5fKrcQPzMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+cgzEO+j5yDLw7mPmoMvDuY+agDMQ76PnIMxDvo+cgy8O5j5qDLw7mPmoAzEO+j5yDMQ76PnIMvDuY+agy8O5j5qAMxDvo+chGlkZJW0vBva7DWx1Vxw2EnLw7mPmofrYYmLrNjY1U8aNRAOgAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4AEUAAAAACLcPeU84lEW4e8p5wEAAAAAAAAAAAEVUVFRcFTiU6cPNvpuepzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHTh5t/N6xRw82/m9YpzAHp00rm4Ollci8aK9VPIAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABnLD8N3T0zvaaMzlh+G7p6Z3tNGBXAAigAAAAARbh7ynnEoi3D3lPOAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOdT4PJ5i+w1xkanweTzF9hrgSAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAhVdxpKORI6mXUeqayJqquz6k+YmlFcfh1v/Lf6lAl9vLdyjoO6h28t3KOg7qIoAldvLdyjoO6h28t3KOg7qIoAldvLdyjoO6h28t3KOg7qIoAldvLdyjoO6h28t3KOg7qIGZgSqSmWaLMKzhEi1k1lbjhrYceGOzE6gSu3lu5R0HdQ7eW7lHQd1EU8yPZFG6SRzWRtRXOc5cERE41VQJnby3co6DuodvLdyjoO6iHFIyaJskT2vie1HNe1cUci8SovjQ8xVMEs00MU0T5oVRJWNciuYqpimKeLFNu0Cd28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qHby3co6DuoigCV28t3KOg7qLIy91+D5fq9qGoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAorj8Ot/5b/UpelFcfh1v/Lf6lAz2nVNWVNniSjilqYo6hj6qlidqvqIEXv2JtTHHyY98iKnjIFrrdHKK0Xe8aO2+ngnpKdy1NKyHKvarEVyMezBNVePbh/E0d1dcmRwutMVJM9JP0jKmV0aKzBeJzWuwXHDxLsxMpfrXW9rdJ7zc20sE8lqkpWQUsjpG6qNc7Wc9Wt1lxXZ3qYJ5cTMzMRMx6yaiLzET6zWC6S1sEdvq7ham09srZI42ypU60sSv2MV7NVERFVUTY5VTFMU48PdZpLVtdc5bba21dDbXKyolfUcG57mpi9I26qo7VTyq3bs+ch09rvN3t1npbl2vZQU7oah80T3OkqNTBzU1FaiMxVEVe+dxYeM4TaH8BdLjNFZdHrpDWTLUNkr2assLne6b72/XbjtTa3jVPnNzFpmO39rMUzlE+t1muk1RVXaGhs1ubV8NQx1zJ5ajgo0a5ypg7BrlRdmzBFx+bDE8w6WcNaKeaOhctzmqn0LaLhU2TNx1kV+HuURqrrYcXix2E2is76XSV9dGkDKPIRUjI401dVWvcuxuGCNwcmG0pm6LXCCJaimmpe2EF2muFOj1dwb2SYorHLhi1Va5dqIuC4cZMvXau3rq+rxQT103ZMa25UcVLMy1Ow4GfhWPThW7UcrWr8yoqJ9ZdaY2q3XCy1stfQUlTLDTSrE+aFr3R96q7FVNnEnERqC13eTS9LzcsjFClCtK2ngkdIrF10djrK1uOOHkTDi28ZeXWnfWWuspo1akk0L42q7iRVaqJiSY+G3b5rT/AHX7PKGe0Ot9NbND6CrtFqpM9NRRK7g2tiWZ2qnunonFiuKrt8exVIcelcd4pL7bnZB08NA+dH0FalVG5qoqKirqtVHIuGzDxoTbho5VVOhFBaGyU7qilZBrskVVhn4NWqrHbMdV2GHEv0HBLBd6q8V9dWdr4GT2t1BDTwSOckS44p3ysTFPqTDiwXjW1/FM25+X1SjKIvycbRf622aNWSprbW1lpdFBA6dKjGWNHNRrXuj1cNVXYcTlXBUXDjRPymukNnv2mtbUNfI2OalRscaYukcsTUa1E8qqqIdI7DfKqy2yyXN1ubQ03A8PUwyPdJM2NUVGoxWIjcVaiKusv0bcE93XRCS5u0kbPLToy4ywTU+s3hEasTW+7auCKiq3ix4lLOsz2/t/KUZRESs6C91iXiC23m3xUc9TC6WndBUrM1+rhrNVVY3ByYovEqL5S+M1o5Y8lWJPLo/o/bZGxqiS29NZ7lXDHbwbNVOPZtxx+bbpQAAIoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyWmV20hs0sc1tpKWropFaxP0T3SMeuxEXB23FeJUTjXDyY39lW4ut7H3hKdlY7a6OBFRrE8mKquK+VU2e1ZwAh3X4Pl+r2oagy91+D5fq9qGoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAobqkkd3bK2nnlj4BG4xsV23WVS+AGbzEvIq31SniZ/DwyQz26qkhkarXsfBi1yLxoqLxoacAZpkr2MRrKCra1qYIiQ4IiH7mJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAM3mJeRVvqlGYl5FW+qU0gAzeYl5FW+qUZiXkVb6pTSADN5iXkVb6pRmJeRVvqlNIAMpXOmnpZI2UVWiuwwxiXymrAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAA4S1EcTtV7lRcMfcqp3Ky4+FfuJ7VAlZyD47uYvUM5B8d3MXqKwAWecg+O7mL1DOQfHdzF6isAFnnIPju5i9QzkHx3cxeorABZ5yD47uYvUM5B8d3MXqKwAWecg+O7mL1DOQfHdzF6isAFnnIPju5i9QzkHx3cxeorABZpWQKuCPdj5NReo/c1F8Z3MXqKuLwj93/MkATM1F8Z3MXqGai+M7mL1EMATM1F8Z3MXqGai+M7mL1EMATM1F8Z3MXqGai+M7mL1EMATM1F8Z3MXqGai+M7mL1EMAS1q4U43O5i9R+Z+n3nRUhy+9SeapY03gsPmJ7AOWfp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFRn6fedFSUAIufp950VGfp950VJQAi5+n3nRUZ+n3nRUlACLn6fedFT1FWQSPRkb8XLxJgpIIs/h1J+/7AJQAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4AEUAAAAACLcPeU84lEW4e8p5wEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABzqfB5PMX2GuMjU+DyeYvsNcCQAFQItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAKy4+FfuJ7VLMrLj4V+4ntUD5vp1XXGv0usui9ur5rdFVxvqKmpgXCTUbjg1q+LiXb/wD8JlTndBrHUTMqq2/MdM1I23CrZG6FFRcVdM7BMMSbphom2/1NDXUlfNbbtQqvAVUTUdgi8aK1eNP5lNdtAK+82ngLvpLPWVrahlRHNJSM4JuqiphwPuVRcdvl2Ezt66/ou6puHZHr7hobe6u0W9tNcre9jJXR1UdQyJrscJGuwVr+LDBPKWdXp/VWfRu0z3i1NZda7vYqd9bGxj2o1F4R0i4NYi48Xz4H7aOxtHRWfSCgmuSSpd2Ma50VIyFIlai7Ua1dXDFeJET/ADP259jyW6WO2U1wvSVFwtzl4CrkoY3N1FRE1HRLijkRETjUs6938pHPn/D8peyXBUWF1Y2gTOtrWUK06VTHRo9yYovDJ3urgi7cDzD2SJGUd6qbjZuCjt8raZq01W2o4eZy7GN71PpxKDS7RG52nRempaZO2SuuDaiV9vtMLNRiNVExgb3su3ykjRTR+6aRaN3O0XuGegtzZGSUM62+OimbIm1V4JmxExw+nHj8jW/rq/k0t66/4aO3ab1i3V1tvtgmtVa6mfVU7VqWytla1MVTFqd6uwr4eyPcJNG1v7tGJo7U3UVZXVbcVRXarlRqNxVEXxrhj8xZWzQmrS5SXG/X6a7VzaZ9LTvWnbE2FrkwVdVq7V28ZYW/RyG06ArYal7q2COmkje5kWDpEXFdjcV27dm0kzaL+t/4Izm3rZ7t+kzLhpZUWejp+Fgp6VlTJVpJsRX+5Zq4eNNuOJojAdhew1Nn0XdPcopo6+sk1ntnaqPaxqarGqi7U2Jjh85vzUxbJIzAARSLwj93/MwXZamu8ElqfTSXeKxI563CS0rhOzYmquPibx4+L7jexeEfu/5lLpPZLvcaqCosukU9okYxWPYlO2ojeirjjquXBF+ckrDM0mmUVm0bsa26aq0nbX1L6aKV70ZNjtVrXYptVNiKq4eUkQ9kmKnoL6+/2qe219p1OFpOGbKr9f3Oq5ME2qpSaQ6D1FspdFrfZ5q6SbtqtTU18cWs6N7k2yKiJg1EwTj2F3F2NYqm3XyO+3We43C7anC1nBNj1NT3Gq1MU2f+8CznefWyRtf1nLjYOydHcpK6CptsUFTBRvrYmwV8dU2RrUxVquZ7h3zKe7N2R6itrLIlbo7UUVvu7uDpqt1Q1+s/Di1UTHDHiVcMePAWDsdz2zPNnulBPHUUclK3gbNBTPj1kw1tdm12zxY7SwZoRq27RSl7YfAUzZdbgff8E4sNbvfvE2v3ec38Ez8/KLeLF9kfTKpv2iOkEFBY53WeKZtMtz4ZuGu2Rqr+j48PFjj40Pr9v8ApvRN9h87r+xfUTUt0t9JpJUU1lrZlqMllmuRkiqi+6xxVuKcSYeI+k08fA08UeOOo1G44ceCCnKM9cvJate97AAHmX3qTzVLGm8Fh8xPYV0vvUnmqWNN4LD5iewDqAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEWfw6k/f9hKIs/h1J+/7AJQAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4AEUAAAAACLcPeU84lEW4e8p5wEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABzqfB5PMX2GuMjU+DyeYvsNcCQAFQItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAKu5O1apNir3icSfOpaFZcfCv3E9qgROE/Vd/AcJ+q7+B6AHnhP1XfwHCfqu/gegB54T9V38Bwn6rv4HoAeeE/Vd/AcJ+q7+B6AHnhP1XfwHCfqu/gegB54T9V38Bwn6rv4HoAeYnKs2LY3u73iRMV4yRrP3E/MPVu8NX0f8AmhaAVOs/cT8waz9xPzC2AFTrP3E/MGs/cT8wtgBU6z9xPzBrP3E/MLYAVOs/cT8waz9xPzC2AFPKr+DdjDMmxdqs4izpvBYfMT2Cp8Fm8xfYKbwWHzE9gHUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAIs/h1J+/7CURZ/DqT9/2ASgAAAAAAAZyw/Dd09M72mjM5Yfhu6emd7TRgVwAIoAAAAAEW4e8p5xKItw95TzgIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADnU+DyeYvsNcZGp8Hk8xfYa4EgAKgRbj4Oz00X4jSURbj4Oz00X4jQJQAAAAAVlx8K/cT2qWZWXHwr9xPaoGU0zqZctRWyjnlgrLlUNgbJE5Uexid9I5FTiVGou3yqh60HrZqmyupq17pK63zPo53vdi56sXY5V+dqtX6z1dNGqW7X6GuuzYK2kgp1hho54Ee1r3ORXP244rgiJxbD9sujdPZb1X1Vt4GmoquNiOo4YUY1r24prphs2ou1MPEI5k8l6AAAAAAAAAAAAAkW7w1fR/5oWhV27w1fR/5oWgAAAAAAAOcqOWNyRqjX4LgqpiiL9HjAwOnkE0dTSx2q43RdIqypjdTRR1b0jjia5NdXRIqM4NG44q5FVVXDFdh77I9VS09JWOlqb3HWpBq0rqeWalp4nu2Nc6ZurFxqirwjlww2JtwWXo1oxeLRXz1dRd7fXz1UmtVTyW57ZpG47GI7hsGtRNiIjcE8iki+aO3O9009urrzG6zzu/Sxso9WoezHHU4XX1cPFijMcPHjtJbKxe03XdKyoiskbK2Rs1U2nRsr2pgj36u1U+lSXTeCw+YnsPEkbIaF8caarGRK1qeREQ6U3gsPmJ7CznKRFos6gAKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAARZ/DqT9/2Eoiz+HUn7/sAlAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAq7kqpVJg3HvE8fzqWhWXHwr9xPaoETWf8T7xrP+J956AHnWf8T7xrP+J956AHnWf8T7xrP+J956AHnWf8T7xrP+J956AHnWf8T7xrP+J956AHnWf8T7xrP+J956AHqifI2qVWRa7tT3OsibMeMseGqeS/3iES3eGr6P/NC0AjcNU8l/vEHDVPJf7xCSAI3DVPJf7xBw1TyX+8QkgCNw1TyX+8QcNU8l/vEJIAjcNU8l/vEHDVPJf7xCSAIE81QsEiOptVFauK8Ii4bCVTeCw+YnsFT4LN5i+wU3gsPmJ7AOoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAARZ/DqT9/2Eoiz+HUn7/sAlAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAArLj4V+4ntUsysuPhX7ie1QPnmnMMM+l2jTKm09touDq1y2pG7HYzbhI5G7PpJXY2k1aG6Uj2up309fKiUL+OjYq4sZs2KmG1NVVTbghc3mxNudfQ1rK6roqmjSRsb6fg1xR+Gtij2OT+qh0slngtLal0cs1RU1UnC1FTOqK+V2GCY6qIiIiIiIiIiCnL1zJzsswAAAAAAAAAAAAEi3eGr6P/NC0Ku3eGr6P/NC0AAAAAAB4ke2ONz5HI1jUVXOVcERPKewB8T0m0jtelVVa3z3mgZQvucLKalzLNZrGu1nzypji1VRuq1F4kdt2rs0umtufS3W56Q3ix2i82mnpY2tZUyIssLGK50jmsdGrVVdbi1kx1U2myr7TBW3i23CV8vC0HCLExFTUVXt1VVUwxxRMcNqcaldW6KxXB74q65XOptrpOEdb5JWrE5cccFdq8Ircduqr1TxYYJgNrLvdbU6U6WZiUUTYabgE4KNjUajG6uxERNibPES6bwWHzE9h+VCYUsyJsTUX2H7TeCw+YnsG7MaOoACgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEWfw6k/f8AYSiLP4dSfv8AsAlAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAq7kqpVJg3HvE8fzqWhWXHwr9xPaoETWf8T7xrP8AifeegB51n/E+8az/AIn3noAedZ/xPvGs/wCJ956AHnWf8T7xrP8AifeegB51n/E+8az/AIn3noAedZ/xPvGs/wCJ956AHqifI2qVWRa7tT3OsibMeMseGqeS/wB4hEt3hq+j/wA0LQCNw1TyX+8QcNU8l/vEJIAjcNU8l/vEHDVPJf7xCSAI3DVPJf7xBw1TyX+8QkgCLw1TyT+8Q/eGqeS/3iEkAQJ5qhYJEdTaqK1cV4RFw2Eqm8Fh8xPYKnwWbzF9gpvBYfMT2AdQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAiz+HUn7/sJRFn8OpP3/AGASgAAAAAAAZyw/Dd09M72mjM5Yfhu6emd7TRgVwAIoAAAAAEW4e8p5xKItw95TzgIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADnU+DyeYvsNcZGp8Hk8xfYa4EgAKgRbj4Oz00X4jSURbj4Oz00X4jQJQAAAAAVlx8K/cT2qWZWXHwr9xPaoGG7I1wo46W32quqoaWG5VCMmkmkRjUhZ3z0VVVONERv7x07Gtyhq7HLRQ1MNT2sndSJJFIj0fGm2N2KcfeqifSil4tpgdf0u73zOqG060zGKqajGq7FVRMMcVwTFcfEh+U1ogp75WXWJ8qT1UTI5Y8U1F1McHYYY44Lhx8QjIlYgAAAAAAAAAAAAJFu8NX0f+aFoVdu8NX0f+aFoAAAAAAAAB+Hyu81FXd7tpFcKqyUV2s1kVYYqasqtRmsxmtI9I9R7XP24IrsMEww41PqhlK3Quiq6iu1q24R0NfMk9XQxyMSKd2CIuK6uuiLgmKI5EUm6rW0upJdHKeS2UzKWilpkkhhbGjEY1zcUTVTYnH4ixpvBYfMT2HmVjY6ORjGo1iRqiNRMERMOI9U3gsPmJ7CzrkzGUZuwACgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEWfw6k/f9hKIs/h1J+/7AJQAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4AEUAAAAACLcPeU84lEW4e8p5wEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABzqfB5PMX2GuMjU+DyeYvsNcCQAFQItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAK2sjfNXIyPVReDRe++lSyIv8AxT/o/wCoCLkaj40X8VGRqPjRfxUtABV5Go+NF/FRkaj40X8VLQAVeRqPjRfxUZGo+NF/FS0AFXkaj40X8VGRqPjRfxUtABV5Go+NF/FRkaj40X8VLQAVeRqPjRfxUZGo+NF/FS0AFbDS1UMqvasKrq4bVUkf77+zdIlACL/vv7N0h/vv7N0iUAIv++/s3SH++/s3SJQAi/77+zdIf77+zdIlACL/AL7+zdIf77+zdIlACHI2rfG5i5fByKi4YkiBqshYxeNrURcDoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAARZ/DqT9/2Eoiz+HUn7/sAlAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAi/wDFP+j/AKiUQZpmQ3BHSu1UWLDi+cCcCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlAi5+n3nRUZ+n3nRUCUCLn6fedFRn6fedFQJQIufp950VGfp950VAlEWfw6k/f8AYM/T7zoqcVqI562m4J2tq62OxU8QFgAAAAAAADOWH4bunpne00ZnLD8N3T0zvaaMCuABFAAAAAAi3D3lPOJRFuHvKecBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABnLD8N3T0zvaaMzlh+G7p6Z3tNGBXAAigAAAAARbh7ynnEoi3D3lPOAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOdT4PJ5i+w1xkanweTzF9hrgSAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAAAAAAz1VpFGy4S0VuoK66VNOuFQ2kRiNhVURURz5HsbrYLjqoqr41RCytlY6upGTy0tTRuVzmrBUo1HtVHKm3VVUw2YoqKqKmCgTwAABmYtJtZ99/wD0+ql7V1TabUpU4WSbWax2KN2YYa/FiuxFU0wAApdKrz2htOdSDh/08MOpr6vu5GsxxwXi1sQLoFU67xQvuWYgqoILexJH1D4l4ORqtVyqxUxV2CJt2cZOp546mmjngdrRysR7HYYYoqYou0DuAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAKq9XmltEMclUkrpJX8HDBCxXyTPwVdVrU412L8ycaqibTlbbtUVlasFRZbnQd4r2y1CwuYuComGMcjsF28S4Y4L5ALoAAAAABR6RXt1qyMNLTNqK2uqEpoI3v4Jiu1VcqufguCI1q8SKuOCYEK86TyWqy3OrlttRwtA6Jj0kXUjmV+risb8O+amthjqptTiA1IILLhTOuj7c2VVrGQtqHR6q7GKqtRccMONq7OMnAAAABSS3vg9Km2bL4o6idWcKj9ux6N1dXD58ccSfaazthbqery9TTcMxHcDUx6kjPmc3xKNrnJMAAAEGrr6akqqOCol1JqyRY4G6qrruRquVMUTZsaq7fIfkFdw1xrKTLVUeXRi8NJHhHLrIq4Md48MNvkxQCeAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADOWH4bunpne00ZnLD8N3T0zvaaMCuABFAAAAAAi3D3lPOJRFuHvKecBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAAAABjuxk/wD/AG5URS4Z6Kvqm1iL7rhVlcuLvpRWr9Coe9L50qLjRWiljrqivkjfUNhhrn0UaMRWtV0krO/wTW2I1HYqu1PGllcNHLZXVrqySGohq3tRr5qWqlpnSInFrrG5uth4sccPEcZNE7Q+ClYkNRGtLr8FLFVzRyprri7GRrke7Fdq4quKk6jeWGpbjdp9G4KVa+eKoh0jS38NHUrK5Itfa3hFRFfgi4YuTbgmJo5KVKjSqPR91ZcorbSUSViNZXSpLO90jm99LrcIrW4cWth3yY8SF3SaLWajpo6eloWRQMq0rmsa9yIkyf1uP7uL5jreLBb7vLBNWRSpUQY8FPBPJBIxF40R8bmuwXyY4CNrnX63fM3untOjun2Tr6p8sFziayoWZeFRMIEwV6bVVE73Fdq4bcVxNXkprvp1faapuVxZQQU9MrKanqnwIj3I/vtZio5OLiRcF8aLgmFvHonZYrfXUEdCjKWtkSaoakr/ANI9MO+Vccce9RVXxrtXFVUs4LfTQ3CprYotWpqWsbK9XKusjMdXZjgmGK8Rer1sdb5/a7xPcNGLHQ1Lq+uulRPUxRJDVrS8M2B7ma8srcHIiJqquriqr4l2lVVVVbJonfKG4SK9aC+U0MaLVOqtRqyQu1OFeiOdgrl2uTFOLxH0OXRSzuo6amSmkijppZJoXw1MsckbnqqvVJGuRyIquXFMcP4IfkWiVlhpKqliodWCpnZVTNSV/fytwVHquOOOLUVfKu1ccVEa3k2szN7SSvl7IVLVVFUtPT0sT4Y2VD2IxeAcq4aqpsVeNOJfHie6djtHqXRO4U9TWrb5UZS1jJ6uSViJKxuo/B7lwwejU2bERymybaaKOpuFQlPjLXo1tTi5VSRGt1UTBVwTYuGwzekejzk0Zdo3Y6KofS1aJG6eoqlljpWIqYr+ker8URO9RqKiKicRIvHh/Jrqn6ETT3CmrrvUTyvhr6lzqWNzl1Y4G94zVTiTWRNbFOPWQ1BHo6WKipIKamYjIIWJHG1P6rUTBEJBqeSdoACKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMdc3cH2T7OtUuEMlvnjpVdxcNrsVyJ+srE/gilzpXJJBoxd5YXujljpJXsexcFaqMXBUXxKdrta6O70uWuFO2aHWR7ccUcxycTmuTa1yeJUVFQhQ6L2yFZ9ZKydZ4HU71qa2edeDd7pqK966uOCcWHEZmJmLETabsu9tXS2PR2HtlcEqL3NDBV1bqlznNRYnPVI0cqpGq4auLURfHx7Sc6OosmmNDbrZWVctPcaSdzoqupfUcDJHq6siOernIi62CpjhxeM0lZZqGstSWyqpmS0KNaxI1Ve9RvuVReNFTBMFRcUXbicKHR220a1L4oZpJKmPgpJqiolnkcz4uu9yuRu1diLh4zU63KcozZOwsroJH26skutHpVJQy8HLV1j6mjqX44LKxMVa3BdVdXVYqI/DVVCfoVI2muOSr2XmlvLaVJJYa2sfUxTJiiLJG5XOb7rxJqr33uS4p9FLTCkyJDUzLLA6nV9RWTTObG7jaxz3qrEX9XDiTyISbVYaG2VMlTTMqH1MjUjdNU1MtQ/Vxx1UdI5yomO3BNg3TZmeyDbYK3SHRBZn1aa9c6NeBqpYsE4GRcU1HJguP8AWTbhsxwKPSmonlsun0M08ssNPWUrIWSSK5I0wiXBMeLauP0n0quttLXVNHPVRa8tHKssDtZU1HK1W47F27FXjIlTo5aqplxjnpddtxkZJVJwj04RzURGrsXZhqpxYcQjL12LObPRWqnd2Va2Z0lbrtt0M+CVsyN1uFk2autgrdnucNXj2bVM5Q1ekN4svbi30V+fd5J1kjkSuhbRtakmHBLCs2GqjUVFVWa2O3E+k1Vmoqq7U9zkZK2ugbqMlinfHi3HHVcjVRHtx24ORUIrNF7U2tfVshnjfJLw8kUVTKyF79nfOiRyMVVwRVxbtXapIi1uROd1VZYZrhprpG6rra11PR1FPl6dlS9jGKsLVdijVRHIq/1VxTjXDaS9M6mdJ7JbYaialhuVYsE88TtV6MSN79VruNquVqJim1NuGC4F5S2+mpayrqoItSorHtfO7WVddWtRqLgq4JsRE2Hi8Wuju9GtNcYOGh1keiaytc1yLijmuRUVqp5UVFG0fIYmnoI7X2T5IoKqrlatle9rKipfO6P9K1NjnqrsFwxwVV244EGxS111oNAIJ7lXIyspJ31bmVL2vmRGtVMXIuOOPjxxTbgqG3t+jNqoLg+ugglzr4lgdUS1Ek0j2KuOCue5VXiTDHi4kO1FYLZRJbW0tNwaW2N0dL+kcvBtcmCptXbxePEsaW9bm92LrZau4aTXe3ZXSKoo7bHFBTtt1wbCrFdGjlke50zHvcvEmtrJ3q+NVO9vkvV0uFjsukU9TQytt76ysbTTJFJUPbIjGor412JgusqMVNqonFsNTcdG7dca5KydlRHV6nBrPS1UtO9zccdVzo3NVyIvEi44Huu0fttbTUcM9O9Eo/BpIpXxSQ7MO9kaqOTFNi7dvjJHMnkyWkuj1Ky+6JQZq6SNdWTR4vuU+sjeBmfgjkfjii7Nb3WGxVVDne7zX2mu00dTVM2FLT0LafhHq9sCvxar0Ry4bMdZcePDbia2o0atlRb6ejliqFhglWaJ6VUqStkXHF3Co7XxXWXbreMksstAyatmy7XyVsbYanhVWRJWNRURFRyqnEq/TjtxLOhvdlrxSS6M1djqaC4XKZ9RXR0U8dVWPnbUNei4u1XKqNcmGtixG8SphgVmWq6yxaXXGa73VtRRVdWtHwdU9jYOD2omqioj0xTidimGxETbjsbXoxabZUwT00E7pKdqsg4eqlmbAi7FSNr3KjNiYd6ibNnESm2ahZR11K2DCnrXyPqGa7u/V/u1xxxTH5sDNpzsb5ulgqn19jt9XLhwk9PHK7Dixc1FX2lipFoqaKjpIKanZqQxMSONuKrqtRMETFdvEhKNTadEi8RFwABQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGcsPw3dPTO9pozOWH4bunpne00YFcACKAAAAABFuHvKecSiLcPeU84CAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA51Pg8nmL7DXGRqfB5PMX2GuBIACoEW4+Ds9NF+I0lEW4+Ds9NF+I0CUAAAAAAHKp8Fm8xfYB1BAgoqd8ETnR4qrUVe+XyHXIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+koyFPu+koEoEXIU+76SjIU+76SgSgRchT7vpKMhT7vpKBKBFyFPu+kp4oo2xVVSyNMGpq4J9QE0FelPHPW1PCt1tXVw2qniO2Qp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JRkKfd9JQJQIuQp930lGQp930lAlAi5Cn3fSUZCn3fSUCUCLkKfd9JThUU0MLqd0bNVVlanGqgWIAAAAAAAM5Yfhu6emd7TRmcsPw3dPTO9powK4AEUAAAAACLcPeU84lEW4e8p5wEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABzqfB5PMX2GuMjU+DyeYvsNcCQAFQItx8HZ6aL8RpKItx8HZ6aL8RoEoAAAAAOVT4LN5i+w6nKp8Fm8xfYB+U3gsPmJ7DKxVdy0hvdygoLg+2223SpTOlp42Pmnm1Uc5MZGua1jdZE9ziq47UwwXVU3gsPmJ7DIUTptF77d0qaSrntlxqM5DU0lO+dY5FaiPjexiK5PcYo7BU24KqLhjN8zbJ1oLvV2q/T2e9VKVkeWdWU1YsaNe5jXYPa9GojVc3FFxaiYp4sU2y6LTCyV0lGylrHyNrFwp5lgkbFK7DHVbIrdRXbF73HFFRUwxTAqpKaovVzr7wtHUQU0NvlpKNk0StllV64vfqL3zU71qIioirt2Jsxh1duq00D0QpoaOZJqeotzpYmxLrRI1zNdVTDFMNuPk24ljO1+TM5ac/BqLppRaLXVTU9XUyJJC1HzLFTyStgavEsjmNVI08ffKmzbxFpJPG2kWoXWfG1mvjE1Xq5MMdiNxV30JjifOJaCpoLtpFBcazSKnp6+pdNGtuoGVMc8b2I3BXJA9zXJgrcHKiYYKhv7HRMttmoaGHhljpoGQt4ZUV+DWoiaypsx2bcCRnF2pymyg0U0vhutnqq24K6kSmlmSSSWmlgiRjZHNauvImCrgiYoi4ouOKJxFnbNJbXcq1lLTyzsqXsWSOOppZadZGpxqzhGt1kTx4Y4YmNio62XROqtkVFVrW0N1dWvgfE5jKmNKxZdVkjk1HYt8SLx8eBb1k79Jb7o8+go7hBHb53VdRPV0klPqIsbm8GmuiK5VV23VxRETavFjYzJyv8ANprzdaKzUSVV0qW0tNrtjWV6LqorlRExXxJivGuxPGVjNM7I6R8PD1WaYqY0q0M6Tqioqo5ItTXVuxe+RFT5zxp9SSVtqoooad9RhcaR72MYru8SZquVU8iJiq/Mc8pP/wDE9azLyZftRwPD6i6utw2OrrcWOG3AkfvKTl4LPugtrrPT3SKodNRTqiRLBC+R71X+qjGorsdi4phimC44YKco9KrM62VlxdVuipaN2rULNBJG+FdnumOajk40408Zi6Jl3t2j1NFwNzpaSa71medSU7nVDYHPkVqtajVdgqq3vmpiiLiipxkKS11VRbNOm01su2WqVpcq2r4WWSdqImKpwmLl+hdqJsVE4i9azlNn0Ck0otNVUOghqJeEbE6duvTyMSWNvG6NVaiSJtTazHjTykiS/W1lnpbotTjRVKxpDI1jlWRZFRGIjUTFVVVTZgVekdNO/TDRSeGCV8MElQksjGKrY0WLBNZU4kVfKZ2w26buvTR98a9rLJUyXGJy7UckqYxM/dc6bmtJrNknS7caTXNbPYa6vZHwskMarFH8d67Gt+tyohQ6SVekll0UR1AkFwr2U0ktRW1L2xsiVrdZcGNb32O1Gp8yYr5ZvZGRe4+tlRuslM+Kpe1ExxZHK17tn0NUm6TtdV6KXRtM1ZnS0cqRoxNZX4sXDBE48TNV+jMw1FrxdzprzT01nss10qFbNXpDDGuoq8JK9uOHepsxwXyIUlHpDdanS6otz6ZsdK9MuyVJkWNsjNZ0mo7g8XP1XR965Ebi1+CrqrjdUVY+2WOxRS0dZK+ZIaZzYYtZYVVm1z/itTDaviL7yG5tdiL2hndEK+pqqeupLjIstdb6p1NLLqo3hUwRzH4JsRVY5uOGzHE0RltElSovelNZGiJDJXNhYvxljiY1y87FPqNSTaOyGt5foAKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADhO50UT3xxvmc1qqjGKmLl8iYqiYr86ohjKTsj26ruTLdT2y8PrnPWNIeBYjkcnGi4v2YYLjjxYLibogR22iiuc1xjp4m10rEjkmRvfOanEns+nBPImATyLB4dV/uewlEWDw6r/c9gCDw6r/AHPYZ7Ti8T2qG2NZUst9NV1SQ1FwejVSlZqquPfd6iqqI1FciomO1DQweHVf7nsIOkFfS0kEcNwoaurparWjkSCjfVNRMOJ7WIq4LxcSoRVZdIquz2G7VNXpPVJGkKOjrKilikdS4Y4u1Y2NR6LimxU8RNrtJbXb65KCoqJXVyxNmbBFTySyPYqqmsjWNVV2ouOHF48DBXG01HcnphBYaGvhsk8DclRSQSNfwqqqycHE5NdrFVU73BNuKomHHr6SkmTshVFW6nkSLtTDE2ZWLq63CyKrUd5eJVT6Czsm3rksW6R2p1mZdkrWrQP2MejXaznY4aiMw1ldjs1cMcdmGJFj0ptlwkq6CiqJ23COnfMsE1NLDIxqbNZUe1FTaqYeXxGPp7fcKNsNe+hq5Kei0iqqqSmjidruifrtbIxvG5EV2tgmOKY4E3OLdOyPNJT0lXHD2jkYx9RA6J0i8Kn9RyI5ETi2omPi8pnWO36EZT8/3Weid/p6PQPR6qvFVM+oqqaNG96+ead6txXBrUVz18a4IvlU0loulJeKRai3yrJG17o3I5jmOY9q4K1zXIjmqnkVEU+aUNruVHbNCa2RbvSRUltdS1GTpWyz0z3IxUVYnRvXBdVUXBuKbPFibTQy3wUyXCtgnulQ+uqEkkkuECQve5Go3FI0YxWpgmG1qY4Y8WCrurOUjKIagAEUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADI6T6bUejda2nuNDcVR7daOWONixyJ48FVybU8aLt+pUVdcV90ttHdKdkFwpo6qJsjZEZImKI5FxRf8vnRVRdiqBysV1bebbFXxU1VTwyrjG2oajXPb4nIiKuxfFjx8fFgpLr//AKf0zSURa/8A+n9M0CUAAAAAAADOWH4bunpne00ZnLD8N3T0zvaaMCuABFAAAAAAi3D3lPOJRFuHvKecBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAADlU+CzeYvsOp+KiKioqYovGigRqeeFKeJFlYioxMUVyeQ65iHfR85Bl4dzHzUGXh3MfNQBw8O+j5yDh4d9HzkGXh3MfNQZeHcx81AHDw76PnIMxDvo+cgy8O5j5qDLw7mPmoA4eHfR85BmId9HzkGXh3MfNQZeHcx81AHDw76PnIOHh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AOcs8bo3tbO1qqmCOa5MU+fbsKyyW6jtKVL2Vb6qrqZOFqKqoe1ZJXYYJjqojURERERERE2eXFS3y8O5j5qDLw7mPmoBzkkppI3MkkhcxyKjmq5FRU8hFtdPR2yhhpKORraeFNWNrplfqp5MXKq4J4k8SbCdl4dzHzUGXh3MfNQBmId9HzkOcksD2OY6ZqIqYLqyYL/ABRcUOmXh3MfNQZeHcx81AINqp6C10cdHQrHHTxY6rdfWXauKqqqqqqqqqqqu1VJ2Yh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQ40rmvq6pzFRyLq7UXHxHbLw7mPmoeo42R46jGtx49VMMQIkUjI62q4R7W46uGsuGOwk5iHfR85D9dDE9dZ0bHKvjVqKfmXh3MfNQBw8O+j5yDh4d9HzkGXh3MfNQZeHcx81AK67QpXwsjhuk9A9j0ek1K9mtxKmCo9rmqm3iVF8S+IjWi1UlvrJ6yWumr7hMjWPqqpzNfUTiYiMa1rW4qq4IiYquK4l1l4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQZiHfR85Bl4dzHzUGXh3MfNQBmId9HzkGYh30fOQZeHcx81Bl4dzHzUAZiHfR85BmId9HzkGXh3MfNQZeHcx81AGYh30fOQjVcsb1p0ZI1y8M3YjsSTl4dzHzUCQQoqKkTEVOJUagHUAAAAAAAGcsPw3dPTO9pozOWH4bunpne00YFcACKAAAAABFuHvKecSiLcPeU84CAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA51Pg8nmL7DXGRqfB5PMX2GuBIACoEW4+Ds9NF+I0lEW4+Ds9NF+I0CUAAAAA/D9Pw4Vk/AUss2GtwbVfhxY4JiYrriimap0hYi82h3xGJlO6z9j/vf5H4ulzUcjVpURy8ScNtX7j439Rez72954T9Ho+5435fGGtPw4Uc+YpYpsNXhGo/DjwxTE5pXUi160KVMK1iR8KtPwicIjMcNbV48MfGfZoriumKqdJeeYtNpTARK6tpbfCktdUQ08SuRiPmkRjVcuxExXxqSzaAIUtwpYrlBb5JcKyaN8sbNVe+a1URy44YbNZP4k0AAAAINFcKavbO6kl4RIZnU8neqmq9q4OTan38R1WqgSsSlWeLMqzhEh1011bjhravHhjsxAkgAAAQKm5UsFxpKCaXVq6tr3Qs1VXXRmCu24YJhinGBPAPLnoxqucqNaiYqqrxAegcKSohq6eOoppo54JGo5kkbkc16L40VNiodwAAAAhWq4U10omVdDJwlPIqo1+qrccFVF2KiLxop0ZVQSVUtMyeN1REjXSRNciuYi44KqcaY4Lh9AEkAAAAABGraqCjg4aqmjhhRURXyPRrUVVwTavlVUT6ySAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABwSWRXvRrGqjVwxV2HiRfJ8561pt3H6xeoDqDix7lkcxzUaqIi7HY8ePzfMdgAOME8U6OWCVkiMcrXajkXBU40XDxnYAAR6yphpKd89Q/UiZtc7BVw8XiAkAcYAAAAAAABxZLG+WRjHtc9mCPajsVbjtTFPEB2AAAEOWtp4amOne9yzOTWRrWK7BOLFcE71PnXBD9bXU6vp2Nma9ahFWJW98j8ExXamwCWAAABy4WPh+B4RnC6utqa3fYeXDyAdQDhV1EdLTyTzu1Y42q5zsFXBE+gDuDyxyPajm7UVMUU9AACPFURTTzxMdjJCqI9MF71VTFPuUCQAc5ZWwxPkkXBjGq5V8iIB0BFgq6ebgVjlaqys4SNqrgrm+XBdvjJQAAAAcp5Y4IlkmkbGxONz3YIn1nUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAH54iHePgur9E/2KTSHco3S0FRHGmL3xua1MeNVQ4cREzg1RHVPk1R/dD4lXaYUNuvlRbrox9G2OLhY55PczIiYrh8/zFVolBV6RXpdJ7ij4aZqKy306rhgz46/SbfSDQF1/hhjuVAkiRPR7V4RqKnzcfEpbM0euEcbWR0iNa1MGtR7URE/ifm88LjYeFbBwKorqymbTpvbLd9v3lMz8VcWjm2do22qk9Ez2IfMdKuEoeyXW3+DFVtNJSPnaibX073StlT6kVHfuH1G3RuhoKaORMHsja1yeRUQq0sEa6Q3O5TypLBXUkdI+nczYiNV+K447cdfDDDxH6Pw0TThUROsRHk+LVaZq5sJ2V51vLnRwO1qG0LTVD3N2o+eWZjWJj80auX99DT6X6QVluqnw2+uoGTsg4VtK6gnrJnriu1zYnIsbOJNZUVMVXyYLyp9A4qbQuaww1z1dLUMnfVSR6znasjXIipjtwaxrePxY/MS63RisddbtU266tpILqxjapjqfhJGq1mprRP1kRq6uHG121MTvN4i0etGKeuWauOllM276J32WGTGttczoaWPvnySPWDVjbxYriuH38Rb3jSe42S3W2O9TWejudxncxr5XqynpI0TWXXc5ycIqJgmxW6yqmGB7g0DpVorPRXCdtXTUNvfQPjdDq8NrcGuui496qKzFONcduOw79zFxWkoEfe3S3C2zK+irJKfF2oqaqsnTW/SYtXBVTUXYi8fHaraR6hIvaHvQ3Sbt1XXWgdWW6vloVjclXb3foZWPRcNms7VcitVFTWXxL48CDdYro7so25aaroo4+186ta+kc9UZwkGsiqkiYqq8S4Jh5F4zVWuG4Rsf21q4KmVy97l6dYWNT6Fc5cfn1vqQgXaz1NTfqC60FZFTT00UkEjJYFlbLG9WqqbHNVq4sTBdv0DeJXazIWusvlBbtKq63NoG09FcaudY52Pe+pwXWciKjmpHsTBFVHYr4kw23jL9w+ktK+noIZeGsjq6N/B/p175uEaO8i48WHGT4dHVis17oM1j2ylqJOE4P3rhU4sMduH1Y/McqTRh9JXUlTDX6stLau1rF4HHbiipJx/q+5+8zTe0R1fRJ/dx0JvdbfUbPLcLTPFwWtPSU0T2T0kqrsZJrPXHDByLi1q4pjgStJrtcqO8WW32uOm1rg+Zj5Z2OckWqzWR2CKmP0ePixTjFusFW3SJt5u9bS1NYymWljytItOmorkcuvi96u2omG1ETFdm0n3G05y9Wi4LPqLQLKvB6mPCa7NXjx2YcfjNyZsteNLpaa91FpS9aP26ooYGOnnuK6qTyuTFGsj4VqtaiYKrlc73SJguGJGt16bpDpHoNdGsSPh6av1mNdrIjk1GrgvjTFFwXyGkrLFXR3upuVkuMNLLVxtZUw1VKs8b1bsa9ER7Fa7DFF2qiphs2HqosElZdbPXVlZwklDBPE9EiRvCrK1qKqYL3uGrxbePjM813Z6XTKsgvVExKq311HU1qUbkpKOfVh1sUb/vOKxvci4YtwavHxH7o8y5s0m0wkqKqhlhbLGssbaNzVkXLs1cFWRcERMEVFRcdvFjgnaLQquShs1vkvbX2+0VMU1OxlHqve1irg2V2uusuGzFEbt2qi+K5bY6mC/XSsp66JKS4sas9O+nVz0e2PURzX66IiYI3FFavFxpiLZTb1oROeemSisN/ra60aN0Nnp7dR1tbb0rJF4J3AU0aaiYNia5FXFXYImsmGCrj4l9XHSu62m3aRwVcVHNdbVTsqYpImObFOx6qjVVquVWqitVFTWXy4kyk0Qmt9BZO1tzSG42ymSkSokg14541wxa+PWReNqKmDkVF8a8R+1Oh76223llfcElul0jbFLVMg1WRsavetZHrKqImK8blVVVVx8SaqtMzZI2vy/l6S7Xmh0gs9Ld+176a6cI1rKeN7X00jWa6NVyuVJEwRyYo1m1EXDxHLRfSCvvV0eySttcD4ZZG1FpdE9KuBiKqNcrlftx7xcdREwdsXy3N0sufutkrcxwa22V8upqY8JrRqzDHHZ7rHxkBuj1dVXm2Vt4uVLU9rXPfT8DRcDIrnN1e/er3Ypgu1Go3FcPJgNzZlNHrte7L2P4Lq1tB2spZno+nc17pZY1ncjnpIjkRq7djdV3Fx7cEvLhfJKG66YSU1JRNmt1tiqWTcEuvKurKqNeqLirU1dibMMVJsmiSv0Fl0czuGujkzHBcWMiv9zrfPhxkPS6zZW26ZXXh9fO2lYuC1MNTg45NuOO3HW8mzAxM2plYi8xBPfL7baW1XS5JbXW+slhhmp4YnpLDwqo1rkkV6o/BVTFNVNnEq4bdVeKlaO11E6T0sCxxqqS1T9WJq+JXL5DL23R+4VtDZWXS7MqLbS8FPHAym1JJHNRFZwkmuqORF27GtxVELzSmzJfrNNQundTvcrJI5Wt1tR7HI5q4eNMUTFPGnkNVRtz8EjO08mYtOmsrbrV09ymjqaSO3vuDKqG3T0eLWKmsiNlVyPRUVFRzVw9pbWefSa5UlLXOntNJDVMWVtMtNJI+FrmqrMX8IiOX3OKarfGiLsxXnForU1WkDrperlFWa9DJb308NMsMWo9yKqpi9youxUXauOziwJtktN2teVpX3iOptlMisjY6jwncxEVGtfJr6q4bNqMRVwT58ZGmfrMYi1VNfbexjNVVnayugzmpHTy0jtVFWs1XK7GRUdtXFNiYKicZqJdK5LczSdt0ZE2e1YTQtYipw0L2/o+NVxcrkc3Z40Ob9Dql+j1bZXXKLJS1KT07ssvCRfp+FVrl18H+RFwbh85Mv8AopHeNIbXdH1Lom0ve1ECMxSpa1yPjRVx2ar01vH40Lrr/wDi6XU1dphVU1witVbdLBaa+GjjqKyeuX9G6V//AGcbFkauCYKqu1lw2bNppdC76mkejsFx1Ymvc58ciRP12K5jlaqtd42rhii+RTjXWOt7dvu1muEVHUzwthqI6imWeKVGqqtdgj2KjkxVMccFReIuaBs0dJE2qnSeoRO/e2PURy+PBuK4J5ExXZ414yolgAigAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA5Q++T+f/pQ6kduvHJL+ic5HOxRUVPIieNfmPfCv3En8W9YH4zwqTzG+1xFvlalutVTVKqIrGLq/O5difeSYkcsr3OYrUVqImKp8/k+kj3KiWsmpFdLqxQSpK5mrjrqnFt8WC7STmqi0empKO7NoqWrp6htTTo9yxyI79K3Y7i8qbfqJsVZdKtla+nWjjbTzPjakjHO4TV+dHJq/Tt+jyzrpQrW5Z7JEilgmSVjtXW4uNONNioVNspqydt0SmrWwxSVcrXI6HWc3btVq4ph9aKM5HWG61VdUUDaJkMbamndM50qK7g1RUTiRUx48PERLzWTy2a8UtWkSzU2p38SKjXtcqKi4Kq4L9anaajfBe7dT0E3A8BRvRqvbro5EVqYOTFMfLxptJUtldLQ18U1TjUVior5kjwRMOJEbjxIieUqbva3Raaa4x1aNRKaJKhitxTXjw9uKKn8Cfb5KiS3wyVbGtqHM1nsYmCIvk2lJeIIbjeqKnhfrPjVc0jNqJGmDka7yYqiYJ9JpHIqtVEXBcNi+QbHJQ2u7zVLJKiealbHG17pqVGOSaHDHYuK7eL4qEWn0ic5aKV1RQSNqZGsWnjfjLEjuJVXWXHDZimCFglqlnq4prjUQzrFG6NNSDg1cjkwXWXWXH6Ew4zpQ0VbSMhgStjfSxbGo6D9IrU4kV2th5NuqTclxp6uur3VElCtLFTxSLExJmOc6RWrgq4oqaqeJNinWkuEs0Fze9GItLNJGxERdqNRFTHafkdtqaaaVKGsbFBK9ZHMfDrq1VXF2qusmGPzop4mtFRrVraatSGnrF1pGrFrOaqpgqtdimGOzjRRnZcruEV1rqhbVHC2na+sp1lc5zHKjFREXYmKYpt4sfrI9xlmlpdIoWpTRuhiTXekS4yIsWK499x+RduHzllR2nLSW9/D62Up1gw1MNfHDbx7OLiPTrU10l1V8iq2uajVRG4aiIzV4/GKovE2Sna6PR1dVSSWyCqdDJDUx6rXsjVitcjUVEXFy8aY/WTLTVy1uZlc1qU7ZljiVONyN2K5V+nH+BV3hkkVmiopKlk1x1mZXgmajlVFTB2rivFtxXiwL230zKOihpo/cxNRuPl+cvNFDClS3Sm4OWWFWJTsVW8Eu1uLsEx1uP5/H5EONHM6ol0blbHDC58Uyo2NmDGrq+JMeL6y7S3qlzqqvhff4mxamr7nDHbjj85wo7Nlu1X6fWyLHt9xhr6yYeXZ942WdVbbaue22y6VlS+GWKOol7xrFYqv18PdK5URFX5tnlUk0V6e+401M+rt9XmGuXGlXbE5ExwXvlxT59nFxEhLOqw1tNLPrUlTI6XVazB7HKqL7rHBdu3iJdJBXNVubrI5mtbhgyDUVy+VV1l+7Azn4Eo9gq6yvo2VVRwDI3oqNjYxcdi4Y4qvzcWH1n5U1Kx31YkiiVUo3SpIre/2O4sfJ8xLtNIlBQQ0uvwnBoqa2GGO3Hi+s5z2/hbmtWsuGNOtPqavlXHHHH7izyWFXDdK9Ldb6+qSlSCodG18TGu1mo7Yjkdj5cFww+ssdJfgC4ehf7DnLaNez0dBw2GXWNeE1PdaiovFjsxwJlzpc9b6im19ThWKzWwxwx8eBatJsU5TEyq85XUUVBJUJTuppnsiWNjXI+PW2Iutjg759iHRlbX1qVMtvWlZFG90bGytc5ZVauCriipqpjs4l8p6baqh7qVtXWpNT0zkexjYtVz3J7lXOxXHD5kQdrKmF07aCtZBBO5Xqx0Gu5jl90rV1kwx+dFwE53SFdLVVFxrrFV0skMTZmyK1skSvVi6vfYqjkx+47wZ9bzeko1p2aro11pWq7WXg02YIqYfTiv0EuS0cHHb0oZUgdRYozhGa6ORUwXFMU2+PHEl0lHwFZWzrJrZhzXaurhq4NRv18ROuwWesS4WynqkbqLKzWVvkXx/eVFVV1tbbK+elyzaVqSMax7XK6RG4oq6yLg3iXBMFLe0UXa+2wUnCcJwSYa2rhjtx4iA+0VDYKmmp65I6WdXLqOh1nx63GjXaybMV8aKWc72WMnC1T6k9lg4KFdag1tdU79uCN2IvkPMF6qWWFt0rG06NexEZC1Fb3yrgiq5VwRPq2eUnU1p4CooZeG1stTrBhqYa2OG3j2cXEGWdiWKO3SSuVI2oiStTBUVFxRUTb4wkIdLfEZWJDPV0NUx0LpdekX3CtTFUVNZfFxLs4uIlUM11q4IqlHUcMUzdZsTonOc1qp3qq7WRFXixTBPpJUNNVua6OuqYp4nMVitjgWPWx41VdZfuw4zlb6KrpWwxJWJJSRbGtWHCRW4YIiuxw2bP6qLsAo6Saek0RmmlSlqGI9dWN8K4Y8KqLj3y4+VOLD5y5dVVVVcKinonU8TKbBJJJWq/WcqY4IiKmGCePH6ji6yTPttTb1q25eR+tGvBd8zv9bBV1tv8EJMtBOyumqqGpZC+dESRksXCNcqbEcmDkVFw2ceBBBdeap1JS8FDClWtZlJWuVdRFRFxVF8mxF+47JcqyCpraaoZHUzQwJURcAxWcIm1NXBVdtxQ6R2ZscdK1szlfFU5mR7m4rI5UVF+jj+47TW+RbjNWQz8HI+nSFqLHraqo5V1uPbx8QzsZOVlrJq6PhXVdFURKxFVIGK10bvIuLl/wAlLgq6O3yR3GStqZo5J3xpF+ii4NuCLjtxVVVfrLQoAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAzlh+G7p6Z3tNGZyw/Dd09M72mjArgARQAAAAAItw95TziURbh7ynnAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAHOp8Hk8xfYa4yNT4PJ5i+w1wJAAVAi3HwdnpovxGkoi3HwdnpovxGgSgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAZyw/Dd09M72mjM5Yfhu6emd7TRgVwAIoAAAAAEW4e8p5xKItw95TzgIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADnU+DyeYvsNcZGp8Hk8xfYa4EgAKgRbj4Oz00X4jSURbj4Oz00X4jQJQAAAAAcqnwWbzF9h1OVT4LN5i+wBl4dzHzUGXh3MfNQ6gDlTeCw+YnsK6/V89FBE2hYySrlcqMY9FwVERXOXZ8yfehY03gsPmJ7Ch/3mvv9TLSTRMZRMy7VliV6K9212GDm7UwahFW9NWwy2+Os12sgexJFc52CNTDxqGXGikp3zx1lO+CP3cjZWq1v0rjghmo444KKttVxq46fgJmyRTI3BqI5dZuxcdiOxTBV+s6SVcdfTSLV1VLTrDUtWKujb+hlciKqY4rhsTYvfcfEpdU0aKKupJY2PiqYHse/Ua5siKjnfFT5/mOizxJKrHSsR6N11arkxRvlw8nzmWqa11RRU9XO2JI6e4NWSohReDkaiYcInzbUTjXi4ztLVwVl+rHU0iSsbbHJrsXFq994l8ZLi9bcqJz1Y2tpnORuurUlbijcMcePiw24nWlqqerjV9NPFOxFwV0b0cmPkxQy8lLAln0YbwTcOHi8Xlaqr/FTpcI55KzSNlGipM+miwRqbXLg7H68NgnK5GbRU1dS1Mj46aqgmez3TY5EcrfpRDpLNHCiOlkbGiqjUVyomKrxIZu3pFV1ltdBcaJ60zVVkNPArXo3VwVru/XVTi404yw0pjbLSUcciYsdWRI5PKmsUTHXGibTpULWU6U6rqpKsrdVV8mOOBBv92jo7ZHLT1ULXTOa2ORXIqYKqIrk8S4IuPkIt4kkp7/AE9RJUQU0CQKxktRGrmNeq7Ux1moiqiePyKQ6mBsNiR0dTHUxS17JGuij1WJi9MUamK7McfGIzVom11JS0sLqm4wubIneTSyMbwn0YYIv1Eiarp4Gos9RFEiorkV70TFE412mcrHup9Ia51RVUlK2aJjYn1cSua9iJ3zUXXanGu1PnQU1GyGp0eh4VKhjGzOY/U1UVMEVMEXHix2fQg1RfTXGigbG6esp42yJjGr5Woj08qYrtOk9XT0/v8AURRd6ru/ejdnl2+Lahm53ugvdzSpq6KlSdGoxauJVSSPVwwauu1NiquKHSko2R3OxRvkzKQ0siskczDH3OC4LxbFEZqtLleKWktTq5k0MrP6mEqIki+RF/8AfEdGVqTT0i0tTSSU8uvrfpMXOwT+phsXDxlBVtXKaUxsRcEej9VE/VRVUnVVTFU3qyTU0jJo1SbBWORUVdTixIk6rZlwo31GWZVwOqExRYkkRXYpx7McSLaKmaetukcr9ZkE6MjTBE1U1UXD7zNy1uagtsjqpqTrWxqtHDG1Gwd9gutsVyLx7VVMceIv7D8JXv8A5pP8DSwkprp3Mr3sfJTNp2w66tV2EiLiuKr4tXDx+U9RXCklnSGOqgfMqYoxsiK5Uwxxw+gprn8OXH/wtf8AE45TxRwWXR7gWNYjZ6dUwTixTb/HFTMZrOS0oLzS1dwqqWKWBXxuRGasiKsne4qqJ83F9RLirqSWodTxVML52460bZEVyYceKcZS8Krblf6eKRjKuVrXQMV2DnfosMUTx7UIVtZHUw2qnz9HHJTPa5tOynVJmuTHWauL1VPHiuBdfAlpprjRQS8DPWU8c2GPBvlajsPoVT9lrqWJiPlqoWNVvCI50iIit2bfo2pt+czCVNJBo9c6Sv1M+50qywuTv5HKqq1yJxqmGCoviRPmJdBG19zsTnJirLcrm/MveJ/mWMyUyruyUVPX1E81G+KHBYWMkwcve46rsfGviw8RNoq+lrEbl6iCRyt1layRHKifV85QTsdJBpU1iK5y8SJ4/wBEh2rqqBlNbrxTSNlipv0cyxLjixyIiouHkXBcB/BMfu0LJo5HvbHIxzo1wc1rkVWr8/kOxV6PU74ba2SZMKioctRL5zlxw+pME+otAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADOWH4bunpne00ZnLD8N3T0zvaaMCuABFAAAAAAi3D3lPOJRFuHvKecBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAADy5qParXJiipgp6AHLgG+WT1juscA3yyesd1nUAeWtRjUa1MERMEPQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABU1VBXVUc0EtfElNKqo5GwYSair7nW1sOLZjqllFG2KNkcaYNaiNankRDoABXXKikr1jillRtJijpI0b30mC4omtjsTixTD6yxAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGcsPw3dPTO9pozOWH4bunpne00YFcACKAAAAABFuHvKecSiLcPeU84CAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA51Pg8nmL7DXGRqfB5PMX2GuBIACoEW4+Ds9NF+I0lEW4+Ds9NF+I0CUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADOWH4bunpne00ZnLD8N3T0zvaaMCuABFAAAAAAi3D3lPOJRFuHvKecBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAc6nweTzF9hrjI1Pg8nmL7DXAkABUCLcfB2emi/EaSiLcfB2emi/EaBKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABnLD8N3T0zvaaMzlh+G7p6Z3tNGBXAAigAAAAARbh7ynnEoi3D3lPOAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAOdT4PJ5i+w1xkanweTzF9hrgSAAqBFuPg7PTRfiNJRFuPg7PTRfiNAlAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAPPGpntKa+posrlZOD19bW71Fxww8qfOaHx7DK6ce6o/3/8ASfF9v4teFwFdeHMxMWzjKdYejhKYrxYpmPVlZ2/ufKeg3qHb+58p6Deoqgfm34nxn6tXfP1fc9xhfljuWvb+58p6Deodv7nynoN6iqA/E+M/Vq75+p7jC/LHcte39z5T/dt6h2/ufKf7tvUZKfSW1wyStfPI5kT9SSeOCR8Ma8So6VrVY3Dx4rs8eBPdX0zammgWVFlqmufCiIqo9rcMVxTZ/WT+J2ni/aNOtdffLHusHqjwXvb+58p/u29R+9v7nyn+7b1GfoLhS3Dh8nIsrYZFie9GORusnGiOVMHYLs2Y7dhLOdftDjaJtViVRPbP1ajAwp0pjuha9v7nynoN6h2/ufKeg3qKoGfxPjP1au+fqvuML8sdzRWS7VtTdIYp59eN2OKarUx71V8SGwMDoz8OU373+FTfeQ/vvsvjYmPwtVWLVNU9KdZvtD5HHUU0YkRTFsnoxj33u56UXqjobzkKei4HUZlWS467MV2rt40X+JszL6P/ANN9K/8A8T8NT+leI7TaS/Kv/wAuj6x2m0l+Vf8A5dH1moAGX7TaS/Kv/wAuj6x2m0l+Vf8A5dH1k26aRW63Va008lRNVI3WdDR0stS+Nq8SvbE1ytRfEq4Y4LhxKT7dWQ3Cihq6R6vp52o+NysVqqi+VFRFT6F2gUfabSX5V/8Al0fWO02kvyr/APLo+s1AAy/abSX5V/8Al0fWO02kvyr/APLo+s1HiKx93hbf4rQrJMzJTOqkdgmpqtcjVTHHHHFyeIm9hVdptJflX/5dH1jtNpL8q/8Ay6PrNQCjK6K1Nx7eXy33Suz2T4Dg5OBbH7tquXY36v4GqMvo/wD030r/APxPw1NQAAAAAAZyw/Dd09M72mjM5Yfhu6emd7TRgVwAIoAAAAAEW4e8p5xKOFY3XjanFi7/ACUCtB3y/wCt9wy/633AcAdJouDhe/HHVaq4YcZV9sf7LpfyAsAV/bH+y6X8h2x/sul/ICwBX9sf7LpfyHbH+y6X8gLAFf2x/sul/Idsf7LpfyAsAV/bH+y6X8h2x/sul/ICwBX9sf7LpfyHbH+y6X8gLAFf2x/sul/Idsf7LpfyAsAV/bH+y6X8h2x/sul/ICwBX9sf7LpfyHbH+y6X8gLAFf2x/sul/Idsf7LpfyAsAV/bH+y6X8h2x/sul/ICwBX9sf7LpfyHbH+y6X8gLAFf2x/sul/Idsf7LpfyAsAV/bH+y6X8h2x/sul/ICwBX9sf7LpfyHbH+y6X8gLAFf2x/sul/Idsf7LpfyAsAV/bH+y6X8h2x/sul/ICwBX9sf7LpfyHbH+y6X8gLAFf2x/sul/Idsf7LpfyAmVPg8nmL7DXGElrteNzeDw1kVMdYsanS7gI1etC5+HibJt9hUaoGH7v2f8A2mr56Du/Z/8AaavnoBuCLcfB2emi/EaZHu/Z/wDaavnodKXS9t0rKajS3VEKyTM797kVEwci/wCQG0AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAfimU0346P9/8A0mrUymm/HR/v/wCk+H9o/wDx2J8vOHq4L/PT8/JlwAflT74cK1sr6GobTrhO6NyRqi4YOw2fedwWmejVcUGi1VQQ6H0b0kihpqenRlRrqicE9qd+j/IqLjjiY2opLk+36LxW/WinWmqnNiV2o90GsxUjR39Ryx4Ii4bPm40+hzWe2T1yVs1uopKxFRyTvgasiKnEuthjswJboInzMmfEx00aKjHq1Fc1F48F8WOCfwPqYfH4eFXNdMXvMzn2TFueuuTh7qbRF9P4+iBo9VUNVaKd1qakVLG3g0h1dVYVbsVjm+JU4lQsjjDS00E080FPFFLOqLK9jER0ipxK5U4/rOx87GqpqxJqp05utETEWkABzaWujHw7Tfvf4VN94zA6MfDlN+9/hU33jP0f7If6dX/1PlD4vtH/ACx2P0y+j/8ATfSv/wDE/DU1Bl9H/wCm+lf/AOJ+Gp/VPA1AUADGaATRtW+0s7sLrHc55Kpjl79WucvBPw+KsaMRF4sG/MVOm9wW5S18dqfM5aChzUlU28SUMETXa2q5FiRVkd3i7HJqpq8e1UXZ3bR+z3l8brxabfXvjRUY6qpmSq1F8SayLgflVo/Z6qWmkqrRbp30rUZTukpmOWFqcSNVU71PmQk3k3mWGtDqrSO+WhlwuNwSnm0fgqpYaWpfTpJK5/u8Y1RUXj4lTHx7EOWj1bVXlNHbVdrnXMpnQ1nfx1DoJaySGbg2tdKxUdijMXKiKiuXauxFPo1PQUdPJG6npYIXxxJAxY40arY04mJhxNTycRwqbHaKqgyVVbKGehR6yJTy07HRo5VVVdqqmGOKquPzqXK+SRE27mFuUVfU6Tx2K2VElXRU9Ak8STXyopZZHLK9r3LLGxz5NTBrcHLsx24quyVo02vZpjZGXapgq65tkmSSeB+u1/6dmC62CYrhhiuCbcdhrqzR2y1tFBR1tnt1RSU2yCGWmY9kSYYd61Uwbs8hLjoaSGWKSKlgY+KLgI3NjRFZHs7xF8TdibOLYg0m5VnHcmgAKy+j/wDTfSv/APE/DU1Bl9H/AOm+lf8A+J+GpqAAAAAADOWH4bunpne00ZgaW9yUWkl2ibQyTI2Ze+a7DHx+Qs5NLJI8MbVPt8j06gLoAEUAAAAADjU8Ufnf5KdjjU8Ufnf5KBl9ONKYNFrStRIxZah+yKNEXvl8qr5CB2PW36qpVud+r1e2oxWKlajcGIq8aqif5mkvNqpLzb5aK4RJLBIm1F8S+VPnKLQjRmu0a4amdc0qraqqsULo1RY9viXEqNLV+CT+Y72GYNPV+CT+Y72GYAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAADDHjAA/NVvkQarfIh+gD81W+RCTbWolypcE/7Zn+JCOSbb8JUvpmf4kA+gAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAPxStutriuSxrM6RupjhqKiceHlT5iyPzxHHGwKMeicPFi8Ts1TVNE3p1Z/uWpN7Uc5vUO5ak3tRzm9RoQeD8E4H9OHX7zi/mZ7uWpN7Uc5vUO5ak3tRzm9RoQPwTgf04PvOL+Znu5ak3tRzm9Q7lqTe1HOb1GhA/BOB/Tg+84v5me7lqTe1HOb1DuWpN7Uc5vUaED8E4H9OD7zi/mZ7uWpN7Uc5vUO5ak3tRzm9RoQPwTgf04PvOL+ZS0NgpqKrZPHJMr2Y4I5yYbUw8nzl0fm0/T2cNwuFwtPQwabRq5V11Vzeqbv0zVw0Uhq7pU17LldaSWp1eESlqEjauq3VTxeT2qaUHpZZfuQ/7w6Rfbf/AEjuQ/7w6Rfbf/SagAZfuQ/7w6Rfbf8A0juQ/wC8OkX23/0moAGW7kP+8OkX23/0juQ/7w6Rfbf/AEmpAGX7kP8AvDpF9t/9J+dyH/eHSL7b/wCk1IAy/ch/3h0i+2/+kdyH/eHSL7b/AOk1AApLDo/DZp6uaOrraqaq1OEkqpEe5dVFRNuCeJfuQuwAAAAAADH2tqLpBdcU/wC2X2lhc2N/R7E8f+RBtX9ILr6ZfaT7n/2f1/5EVOAAAAAAAAONTxR+d/kp2ONTxR+d/koHIAFR+Oaj2K1yYo5MFQi9rqXddJeslgCJ2upd10l6x2upd10l6yWAIna6l3XSXrO1ntdHU0PCTQ6zuFlbjrqmxJHInj8iIdSTo98Gf9eb8VwH72jt3J+m7rHaO3cn6bussgBW9o7dyfpu6x2jt3J+m7rLIAVvaO3cn6busdo7dyfpu6yyAFb2jt3J+m7rHaO3cn6bussgBW9o7dyfpu6x2jt3J+m7rLIAVvaO3cn6busdo7dyfpu6yyAFb2jt3J+m7rHaO3cn6bussgBW9o7dyfpu6z87R27k/Td1lmAPmVU5Y6yqjbsayeRjU8iI5UT7kOXCO8v3HSu+Ea7/AJmX/GpxPyj2j7R4qjisSmnEqiIqneeueb+gwMDDnDpmaY0jZ64R3l+4cI7y/ceQeP8AE+M/Vq75+rp7jC/LHc9cI7y/cOEd5fuPIH4nxn6tXfP1PcYX5Y7nrhHeX7ixssbamqcydNZqMVUTHDbihWFro54c/wBGvtQ+n7H9ocVicbh014lUxM6TM/Vw4nBw4wqpimO5cdrqXddJesdrqXddJeslg/UHwkTtdS7rpL1jtdS7rpL1ksARO11LuukvWO11LuukvWSwBE7XUu66S9Y7XUu66S9ZLAETtdS7rpL1jtdS7rpL1ksARO11LuukvWO11LuukvWSwBE7XUu66S9YbRU8MsD448HJNHgusvxkJZ5k91D6aP8AxoBfAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAyNq/pBdfTL7Sfc/+z+v/ACIFq/pBdfTL7Sfc/wDs/r/yIqcAAAAAAAAcanij87/JTscanij87/JQOR5e9rXNa5cFdxJ5T0UsKzduG5j3W3DyYYLxFRdAAAeY3tkYjmLrNXiVD0Utm4bhnanvP9bH/L5wLok6PfBn/Xm/FcRiTo98Gf8AXm/FcBZgAApkNL9MotG7jRUr6V1Skya872v1cvHrI3XVMFx2r83Ea9T49UPuukVx0oq6Cxds6KsatugnzjIuDazxtR3Hi7B31E3Nm+0qvNRaJLOlK2JyVtfHSya6KuDXY4qmCpt2fOLDeKi43/SChmbE2K3yxxxOYio5yOZiutt9mBiO2b7nozoWtRilXTXiGlqGqu1Hs1m7fnwwX6zTaG/000z/AOYg/DLEZz66k2hf195paO8W22zJItTXq/gtVuKJqN1lVV8RaHzHT+12iTT7RqW6wQpT1STtqXyv1Wv1WJqIq4+JVKDTiehuNTpBPGy3wTW5EhZLU1Mi1D3I1NXgWI5EamKbF248ak2u1bZ9LkvFQzTmCzI2LKyULqpXYLr6yP1cMccMMPmOmmt1nsejFfcqRsb54GtVrZUVWri5E24Ki+Pynz+d1DcNKdHO6Cr1YamyN4VXyrG2ZyrjqucipsVduGO1Uw+Yhz8FHodpxS2uV0lkglibSd+r2NVVRXo1y8aY4f8AtSzFo9ddkpzmH2WByvgjevG5qKv8Dr4z5LpNG66aZMt9yqLfDRR0MclLHcNfgnqvulTVe1Fd4tuOxDzXWfW0es0Ml8td0p6aSaRKWoqnRRVUeOCI12sqrqLsRVxTb/FKRs+ugzmgNXSV2ilBNbqV1JSqjkbC5+vqYOVFRHeNMccF8ho1ExabEZgACvmNd8I13/My/wCNTidq74Rrv+Zl/wAanE/HPaf+5i//AFPnL+kwP8VPZAQL3ce1dDmOD4Tvkbq44cZKqlelNMsPvqMXV+nDYfP7zNen0eFyY9INZNqtRNviPZ7G9m08bixNdUdGJi8TNpnsc+Jx5w6com7d2urz9BDU6mpwiY6uOOBKMDapr82lgbSMetN/VVGIqYYm+Ti2nL2r7PjgsaYpqiYmZtETe3KV4fG95TnEha6OeHP9GvtQqi10c8Of6Nfag9if7+F2nFf4qmjAB+uP54AAAAAAAAAAAAADzJ7qH00f+ND0c53IxI3PVGtbLGqqq4Iia6AaAEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYEoEXP0fLKf1qdYz9Hyyn9anWBKBFz9Hyyn9anWM/R8sp/Wp1gSgRc/R8sp/Wp1jP0fLKf1qdYGbtX9ILr6ZfaT7n/wBn9f8AkV1ncj79dHMVHNdKqoqLiioWNz/7P6/8iK//2Q==)

**Conclusion: In this way, we have studied the concept of inner join and outer join.**

**Experiment No. 9**

**Title:** Design a Dashboard

**Project No. 1**

**Experiment No. 10**

**Title:** Develop a Scorecard

**Project No. 2**