Module 3: Ui Automation and System Activities

Demo 1 – Solution

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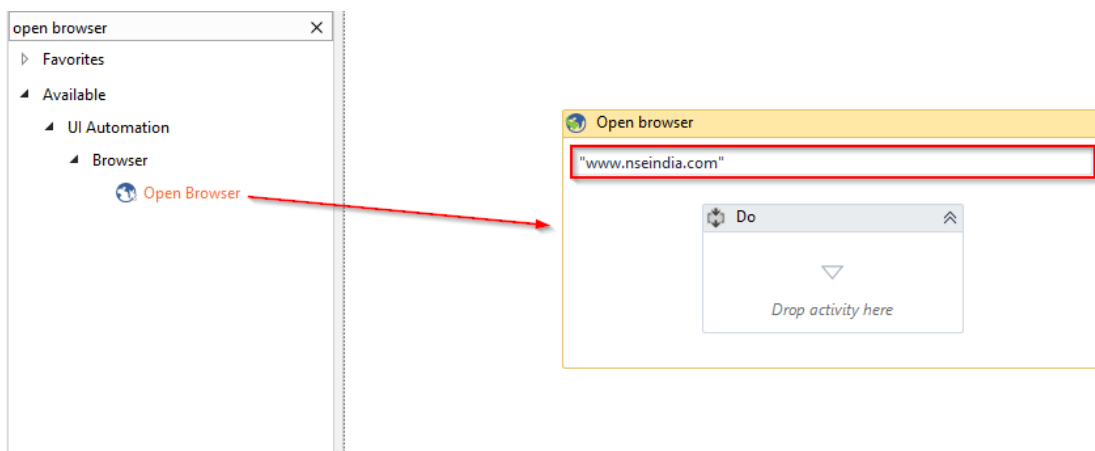edureka!

Demo 1

➢ Create an automation which performs the following activities:

1. Open the browser and navigate to https://www.nseindia.com

2. Identify **Gainers** table and extract the top 5 records

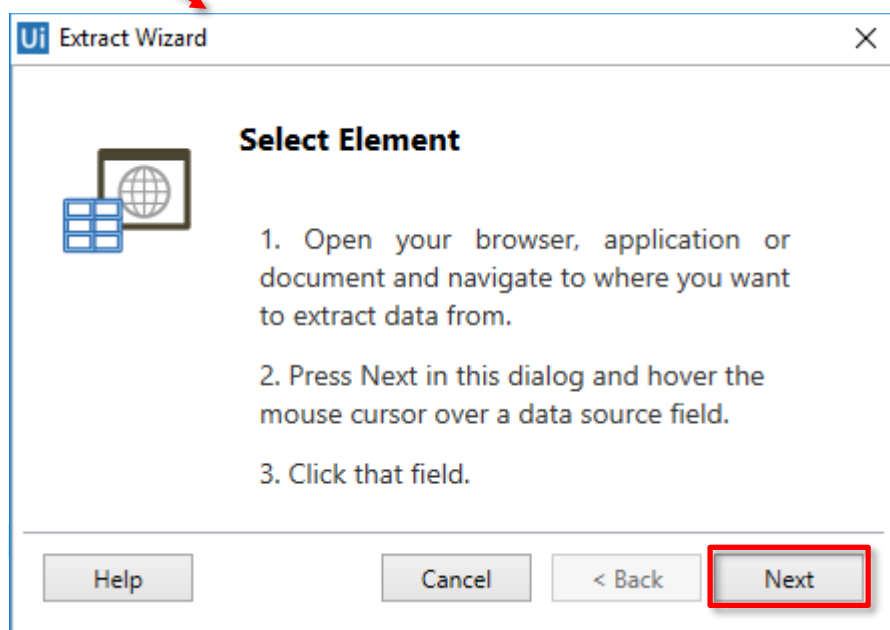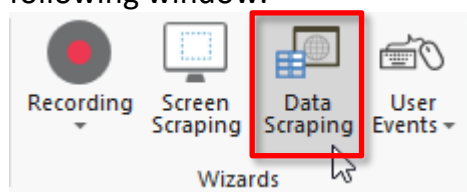3. Put the extracted records in a csv file having same columns as the Gainers table

Demo 1 – Solution

➢ **Step 1:** Create a **blank project** and, on the **Design tab**, in the File group, select
New -> **Sequence**. The **New Sequence Diagram** window is displayed. Give a name
to the sequence

➢ **Step 2:** After the sequence box is created, search for **Open Browser** in the search
column in the activity panel. Give the URL of the **NSE India** Website as shown
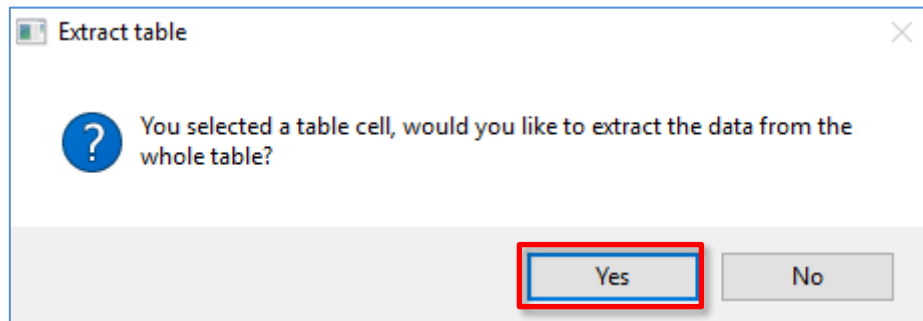below:

➢ Step 3: Now click on **Data Scraping Tab** and you will be prompted with the following window.

1. Indicate the **Gainers Table** on the NSE website as shown below:

2. Click **Yes** to extract all the data from the **Gainers' Table**.

3. Click **Finish** to extract the previewed data.

Ui Extract Wizard   ✕

Preview Data

Column-0	Column-1	Column-2	Column-3
Gainers	Gainers	Gainers	Gainers
Symbol	LTP	% chng	Volume
BPCL	507.00	2.83	41,17,602
ASIANPAINT	1,183.00	2.42	8,29,732
AMBUJACEM	277.50	2.27	39,70,046
TECHM	496.00	1.66	17,18,584
EICHERMOT	30,530.00	1.46	38,398

Edit Data Definition   Maximum number of results (0 for all)   100

Help   Cancel   < Back   Finish
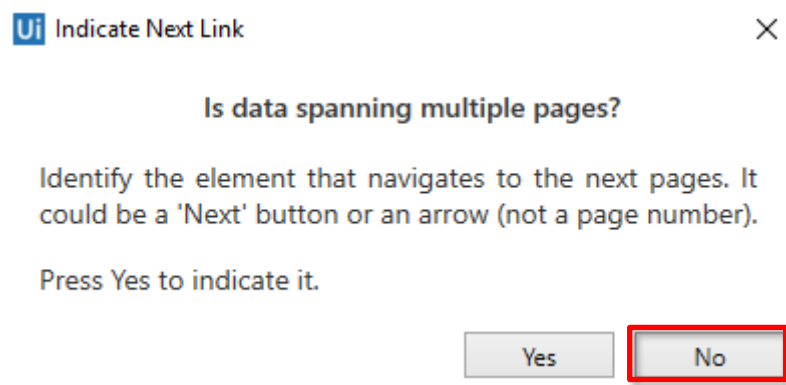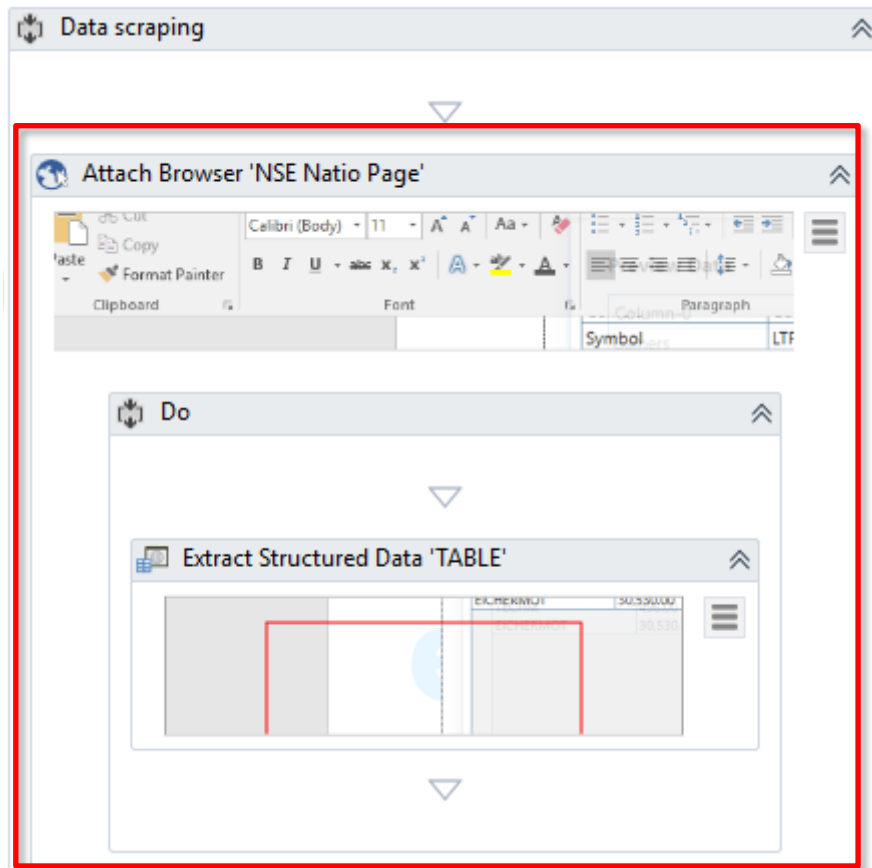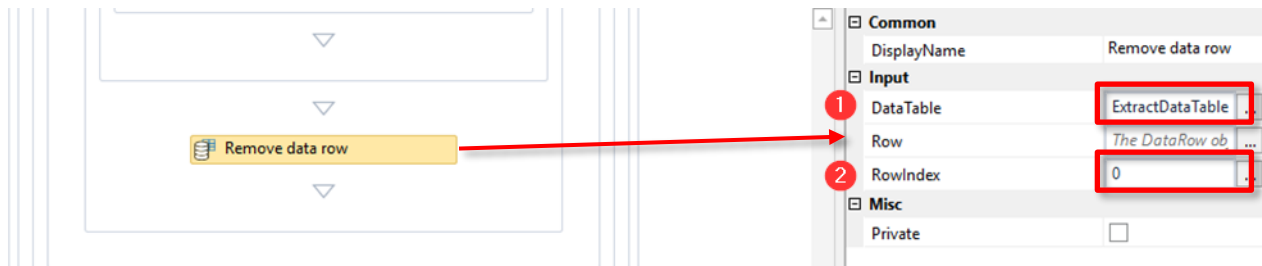
4. Once you click on **Finish**, you will be prompted with the following screen asking for **Data Spanning** on Multiple Pages, click **No**.
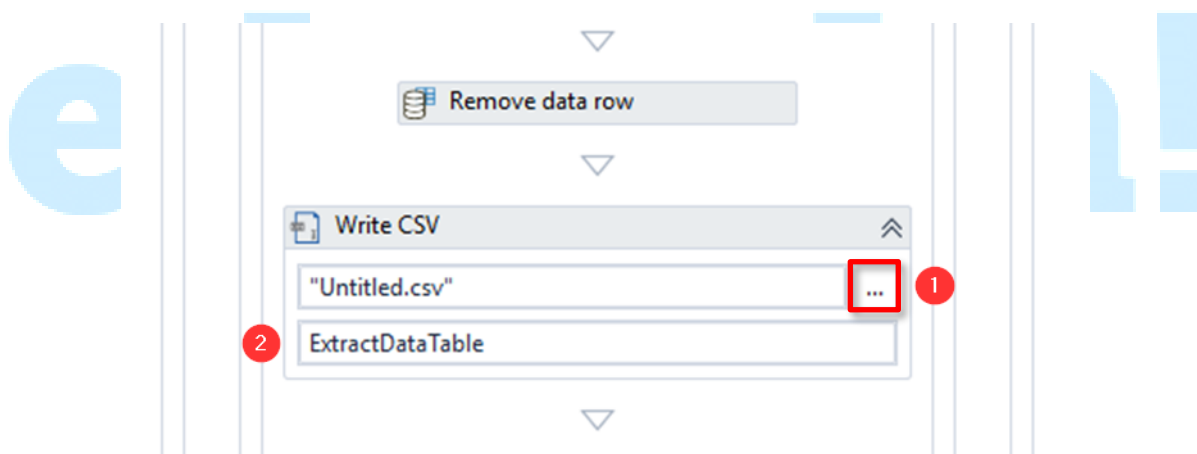

5. Once you click on **No**, you will be navigated back to your tool. Your Automation should look something like this.

➢ **Step 4:** Add a **Remove Data Row** activity under the **Extract Structured Data** to remove the First Row of the Table's data.

1. Add **ExtractDataTable** variable in the Input **DataTable** property of **Remove Data Row**

2. In the **RowIndex** Input Property of **Remove Data Row**, set **0** to indicate the first-row removal.

➢ **Step 5:** Add **Write CSV** Activity under the **Remove Data Row**
1. Enter the **csv file path** where all the extracted data will be stored
2. Add the **ExtractDataTable** variable

➢ **Step 6:** Run the sequence by clicking the **RUN** icon

➢ **Step 7:** After the successful execution, your **Gainer's Table** data will be populated in the specified **csv file**.

Column-0	Column-1	Column-2	Column-3
Symbol	LTP	% chng	Volume
BPCL			
ASIANPA INT			
AMBUJA CEM	507.00	2.83	41,17,602
TECHM	1,183.00	2.42	8,29,732
EICHERM OT	277.50	2.27	39,70,046
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