Lab Assignments

Lab 1: Handling Dynamic Web Tables

URL: https://testautomationpractice.blogspot.com/

Objective: Extract and compare process data from a dynamic web table.

Test Scenarios:

- Retrieve the **CPU Load** value for the **Chrome** process and compare it against the value displayed in the **yellow** label.

- Retrieve the **Memory Usage** value for the **Firefox** process and compare it against the value displayed in the **blue** label.

- Retrieve the **Network Speed** value for the **Chrome** process and compare it against the value displayed in the **orange** label.

- Retrieve the **Disk Space** value for the **Firefox** process and compare it against the value displayed in the **violet** label.

Lab 2: Extract Data from a Paginated Table

URL: https://testautomationpractice.blogspot.com/

Objective: Read and print data from a table that uses pagination.

ID	Name	Price	Select
1	Smartphone	$10.99	☐
2	Laptop	$19.99	☐
3	Tablet	$5.99	☐
4	Smartwatch	$7.99	☐
5	Wireless Earbuds	$8.99	☐

1 2 3 4

Lab 3: BlazeDemo – Flight Booking Automation

Step 1: Launch the Website

- Navigate to https://blazedemo.com/

Step 2: Select Departure and Destination

- Select "Boston" as the **departure** city and "London" as the **destination** using the dropdown options.

Step 3: Search for Flights

- Click on the **Find Flights** button after selecting cities.

Step 4: Capture Flight Prices

- Locate the results table and extract flight prices.

- Store all prices in an array and print the total number of available flights.

Step 5: Identify the Lowest Price

- Sort the array of prices and determine the flight with the lowest fare.

Step 6: Choose the Cheapest Flight

- Find the corresponding table row with the lowest price and click **Choose This Flight**.

Step 7: Enter Passenger Information

- Fill in the booking form with the following details:

    o **Name:** John

    o **Address:** 1403 American Beauty Ln

    o **City:** Columbus

    o **State:** OH

    o **Zip Code:** 43240

    o **Credit Card Number:** 6789 0673 4523 1267

    o **Credit Card Year:** 2023

    o **Name on Card:** John Canedy

- Click the **Purchase Flight** button.

Step 8: Confirm Purchase

- Validate the success message: *"Thank you for your purchase"*.

- Print **"Success !! Passed"** if the message appears; otherwise, print **"Failed"**.