

Class 9

Write a program that does the following:

1. Write a TestNG test that will open the following:
 - a. Chrome – <https://www.walla.co.il>
 - b. FireFox – <https://www.ynet.co.il>
 2. In one of the browsers do the following:
 - a. Create a String variable with the website's title
 - b. Refresh website
 - c. Get website title and use assertion to test if website's name is equal to the String variable you created in clause 1.
 3. Create a test that assert** Website URL
- ** Prepare strings variable containing the title and URL before

4.

- Open Chrome browser.
- Navigate to Google Translate website:
<https://translate.google.com/>
- Find translation box (where you enter text to be translated) using 2 different locators and print the WebElement you created.
e.g: `System.out.println(driver.findElement(...))`

5.

- Open FireFox browser.
- Navigate to youtube: <https://www.youtube.com/>
- Find Youtube button using id locator and print the WebElement you created.
e.g. `System.out.println(driver.findElement(...))`

6.

- Open FireFox browser.
- Navigate to selenium website:
<http://www.seleniumhq.org/>
- Find the search text field using name locator and print the WebElement you created.
e.g. `System.out.println(driver.findElement(...))`
- Send the word “selenium” to this text box

7.

- Open Chrome browser on Amazon website:
<https://www.amazon.com/>
- Assert website title.
- Search for “Leather shoes”.

8.

Create a TestNG test with the following:

- Open Google Translate web page
- Write anything in Hebrew in the text area

9.

- Open Youtube web page
- Type a name of a song (any)
- Click on search.

10.

- Open <https://dgotlieb.github.io/Controllers/>
- Select “Cheese option” in radio buttons.
- Select one of the options from the drop down below.
- Print all elements in drop down.

11.

- Open Chrome browser on Facebook website
<https://www.facebook.com/>
- Login into Facebook (No need to send me credentials).

12.

Create a TestNG test with the following:

- Enter <https://dgotlieb.github.io/WebCalculator/>
- Print “7” button dimensions.
- Check if “6” button is displayed
- Prepare a String variable with any number
- Calculate a mathematical formula that will give the result you choose in the String variable earlier.
- Use assert to check if you got the expected result

** For example: **press** 4 → **press** + button → **press** 2 → **Press** = button
The above will generate the result 6 (4+2).

13.

Create a TestNG test with the following:

- Enter <https://dgotlieb.github.io/WebCalculator/>
- Print “2” button height.
- Print “6” button width.

14.

- Find a way to disable all extensions in: Chrome browser
- Run browsers without extensions.

CHALLENGES:

15. Press an element using JavaScript code (from inside your Java code)

HINT: read on JavaScriptExecutor interface.

16. Is running tests on multiple browsers in parallel is possible? Which tool can be used for it?