

Lab Practice Assignment 4

Save each test script and screenshots of test result as per question number. Make a zip folder of all the files. Upload the zip file to Moodle.

Part 1. Basic Element Interaction

You will be given 5 objectives with detailed, step-by-step instructions on how to complete them, these are called testing scenarios. Your task is to implement these scenarios using Selenium. You will start at this page:

<https://www.selenium.dev/selenium/web/web-form.html>

Objective 1. (10%) There must be a link to the Index page and it also led to Index page titled as “Index of Available Pages”

Step	Description	Expected
1	Go to https://www.selenium.dev/selenium/web/web-form.html	Exist
2	Click the link Return to index	Exist
3	Get the title of the web page	Title received “Index of Available Pages”.

Objective 2. (10%) This page must provide at least two textbox for inputting UserName and Password

Step	Description	Expected
1	Go to https://www.selenium.dev/selenium/web/web-form.html	Exist
2	Find a textbox	Exist
3	Set “User01” to textBox	Success
4	Find a second textbox	Exist
5	Set “Password01” to textBox	Success

Objective 3. (10%) This page must have a Dropdown, it also must have exactly 3 elements and there is a “two” values in one of these

Step	Description	Expected
1	Go to https://www.selenium.dev/selenium/web/web-form.html	Exist
2	Find a Dropdown	Exist
3	Get the size of Dropdown	Size must equal 3
4	Find value “two”	Exist

***Hint: You may need this method:**

- **getOptions():** This method get all the Options values and stores it to a List.

Objective 4. (10%) Does this page have 2 Checkbox? Make sure they are all unchecked

Step	Description	Expected
1	Go to https://www.selenium.dev/selenium/web/web-form.html	Exist
2	Find the first checkbox	Exist
3	If it's checked, check it otherwise do nothing	Must be unchecked
4	Find the second checkbox	Exist
5	If it's checked, check it otherwise do nothing	Must be unchecked

***Hint: You may need these methods:**

- **isSelected ():** This method returns true if this WebElement is checked or chosen.
- **click():** simulate mouse click action

Part 2. E-commerce Simulations

You will be given 4 objectives without any scenarios. Your task is to implement these using Selenium. You will start at this page:

<https://magento.softwaretestingboard.com/>

Objective 5. (10%) This page must allow creating an account with a fake email address.

(Please don't use your real email address)

Objective 6. (10%) User can't login with a random account.

(Use a non-registered account)

Objective 7. (10%) This page allows User to search for a "Tank" then choose "Primo Endurance Tank" from the result.

Hint: You may need these methods:

- **sendKeys(Keys.ENTER):** simulates pressing Enter key.

Objective 8. (10%) This page allows User to add a product to their cart

(Pick any variable of the product as you please)

Objective 9. (10%) You can check out then Place order after filling in all the necessary information.

(Please don't use your real information)

Objective 10. (10%) Submit to Moodle.

~~The end~~