

# Assignment – Selenium Automation

## Test Scenario: Purchasing a Laptop from Amazon

1. Launch a Chrome Browser
2. Navigate to URL <https://www.amazon.com/>
3. Get the page URL and verify if it is the correct page that is opened
4. Select “Computers” from main drop-down box
5. Type “Laptop” on search bar
6. Click on Search button icon [ Left hand side]
7. In the **Featured Brands** Category select first brand [checkbox]
8. Select the first search item
9. Print the Item Title (Name) in console
10. Get the Title Length and print in console
11. Select “Add To Cart”
12. Print Item Price in console
13. Click on Cart
14. Verify selected details in Shopping Cart page [Name, Price]
15. Assert the *quantity* of the Item (should not be empty) and print in console
16. Assert the Shopping Cart Subtotal (should be equal) with Proceed to checkout Subtotal
17. Click on *‘Proceed to Checkout’* button
18. Click on *‘Create your Amazon Account’* button
19. Type sample username, email, password and re-enter password
20. Close the Browser

**NOTE : Do not create AMAZON accounts**

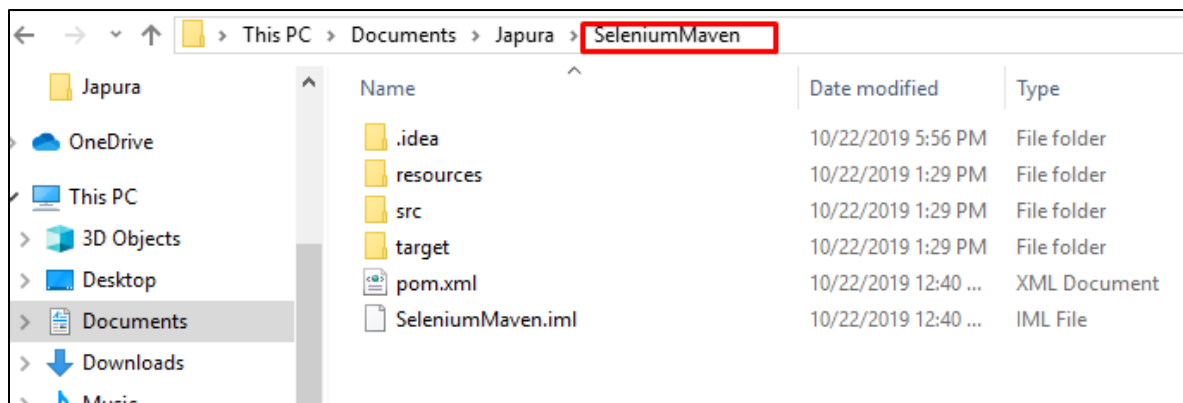
## Guideline

- Create a maven project.
- Test Scenario completion up-to the last step.
- Creating TestNG xml Test Suite.
- Creating Java classes [Define project hierarchy, create separate classes per each page and run using TestNG test suite level will be given additional marks]
- Structuring the program by using TestNG Annotations (@BeforeTest, @Test and @AfterTest etc) and add all programs to TestNG xml as test cases.
- Adding parameterized TestNG methods, to pass values.  
[Ex: Url, Username,email, Password]
- Adding assertions, recommended methods and validation messages.
- TestNG Test Suite, parallel execution for other browsers.

### NOTE:

- You are required to submit maven project folder [Zipped file].  
*(Please delete the chromedriver.exe before zipping the project)*
- Zip folder naming format: **StudentID\_Name**

Ex : Zip SeleniumMaven folder and rename it as **StudentID\_Name.zip**



Archive name and parameters

General Advanced Options Files Backup Time Comment

Archive name Browse...

StudentID\_Name.zip

Profiles...

Update mode

Add and replace files

Archive format

☐ RAR ☐ RAR5 ☒ ZIP

Compression method

Normal

Dictionary size

32 KB

Split to volumes, size

B

Archiving options

☐ Delete files after archiving

☐ Create SFX archive

☐ Create solid archive

☐ Add recovery record

☐ Test archived files

☐ Lock archive

Set password...

OK Cancel Help