

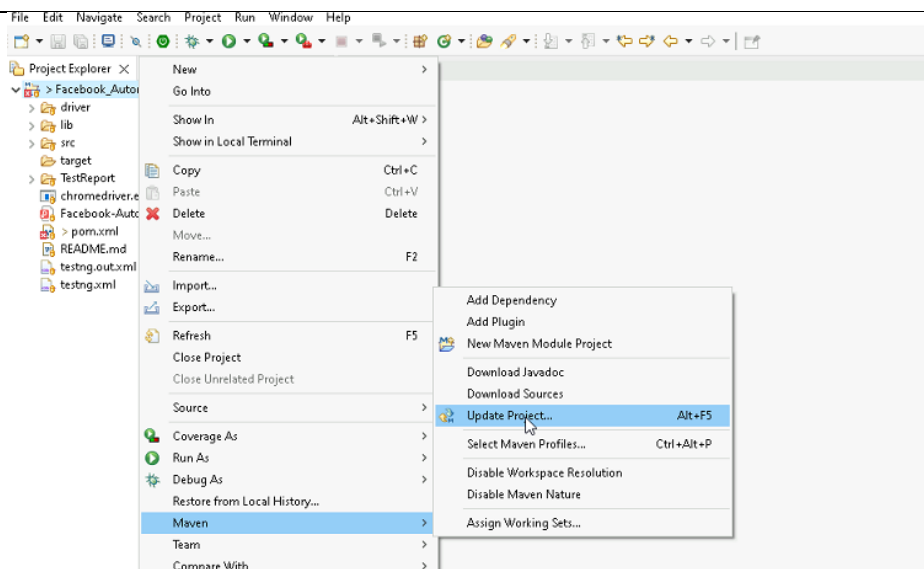
# SHOPPING CART AUTOMATION- PL1



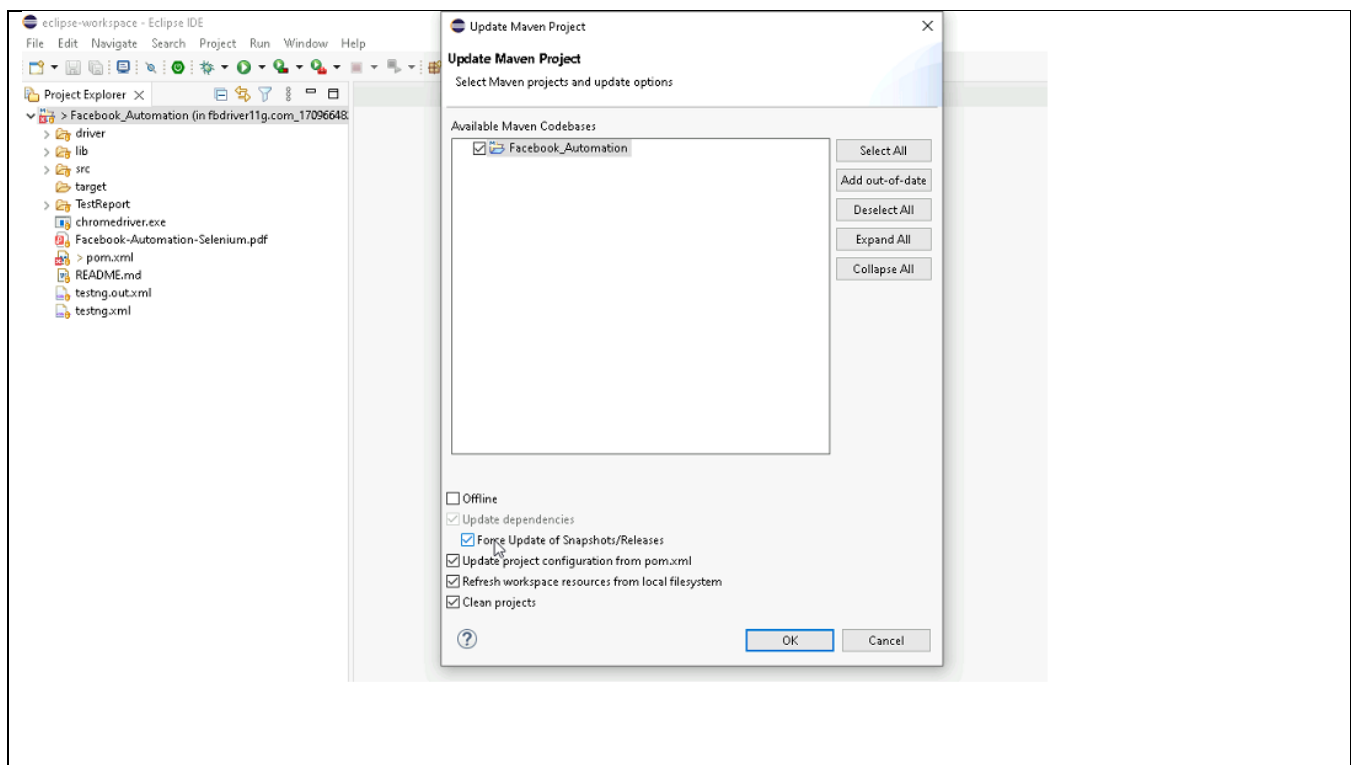
## Pre-requisite:

As soon as you import the project in Eclipse, update the project using maven update option as below. This is to resolve issue if any maven dependency not downloaded properly:

1. Right click on project : Go to “Maven” : Select “Update Project”



2. In Update Maven Project Box Select “Force Update of Snapshots/Releases” and click OK



### Template Code Structure:

Below are the packages and files you will be required to work on.

Other Files and packages you can ignore.

In other Files and packages do not make any changes. It would affect your evaluation.

You are not required to work in the “Test” Folder. The files there are non-editable. Editing those files and trying to save them will throw errors and affect your evaluation.

Package	Class/File	Description
/src/main/java/pages	ShoppingCartAutomationPages.java	<ol style="list-style-type: none"> <li>1. All core activities (mentioned in list below “Key Activities to implement”) are to be performed here.</li> <li>2. The comments associated with each templated method here describe the expectation.</li> <li>3. You can define locators and xpath here.</li> <li>4. Declare any variable/object you need</li> </ol>

		<p>to share data/status between different methods.</p> <ol style="list-style-type: none"> <li>Do not modify the signature of methods declared here.</li> <li>You can create additional supportive common methods in CommonEvents class.</li> </ol>
/src/main/resources/	Config.xlsx	URL to navigate to : URL is defined here.
	expected_data.xlsx	Contains data to fill in form
/src/main/java/coreUtilities/utls	CommonEvents.java	<ol style="list-style-type: none"> <li>Contains all common activities.</li> <li>Certain templated common method declared here.</li> <li>You implement them as per your need.</li> <li>You can add any additional method for common activity here</li> </ol>
	Testng.xml	Execution needs to kick started from TestNG xml

## PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

## Key Activities to implement:

SN	TC Summary	Action	Expected Result
1	Check the tile of the home page.	<b>Steps:</b> <ol style="list-style-type: none"> <li>Navigate to: <a href="http://practice.automationtesting.in/">http://practice.automationtesting.in/</a> .</li> </ol>	Verify the title of home page.
2	Check "Shop" Menu Option is present or not.	<b>Precondition:</b> User should be on the home page of the website.	Verify that the "Shop" menu option should be present on the page.
3	Check the title of the shop page to ensure it is navigable.	<b>Precondition:</b> User should be on the home page of the website. <b>Steps:</b> <ol style="list-style-type: none"> <li>Click on "Shop" Menu Option.</li> </ol>	Verify the title of the Shop page.
4	Click on the Automation Testing logo.	<b>Precondition:</b> User should be on the "Shop" page of the website. <b>Steps:</b>	Verify if navigate to the home page by clicking on the Logo.

		1. Click on the logo of the "Automation Testing"	
5	Check if Home page has a section of new arrivals.	<b>Precondition:</b> User should be on the home page of the website.	Verify that home page has "new arrivals" section.
6	Check of "Arrivals" section has three products enlisted.	<b>Precondition:</b> User should be on the home page of the website.	Verify the following items are displayed under the "New Arrival" Setion:  "Selenium Ruby", "Thinking in HTML" and "Mastering JavaScript".
7	Navigate to Selenium Ruby Product Details page.	<b>Precondition:</b> User should be on the home page of the website. <b>Steps:</b> 1. Click on Selenium Ruby Product.	Verify the Title of the "Selenium Ruby" page to ensure that it is navigated.
8	Check if product details page has an option "ADD TO BASKET".	<b>Precondition:</b> User should be on the "Selenium Ruby" product page. <b>Steps:</b> 1. Click the "ADD TO BASKET" button.	Verify that "ADD TO BASKET" button is present.
9	Ensure after click on add to basket, "VIEW Basket" button appears.	<b>Precondition:</b> User should be on the "Selenium Ruby" product page. <b>Steps:</b> 1. Click the "VIEW BASKET" button.	Verify that "View Basket" button is present.
10	Ensure that user is navigate to the Cart or Basket page	<b>Precondition:</b> User should be on the basket page.	Verify the basket page title to ensure that it is navigated to basket page.
11	Ensure after adding selenium ruby product into cart, It is added.	<b>Precondition:</b> User should be on the basket page.	Verify the "Selenium Ruby" is present inside the Cart page.
12	Ensure that selenium ruby product price is also displayed in Cart page.	<b>Precondition:</b> User should be on the basket page.	Verify that selenium ruby product price is being displayed.

NOTE: "Please do not delete any file in the src folder. But you are free to add any other file".

## Expectations:

- 1) Learners should write automation script using Java and selenium to automate all the steps in the above question. In other words, automation script should perform all mentioned steps.
- 2) Learners should not use any tools to create the xpath. They should develop the

xpath/cssselector on their own.

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## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

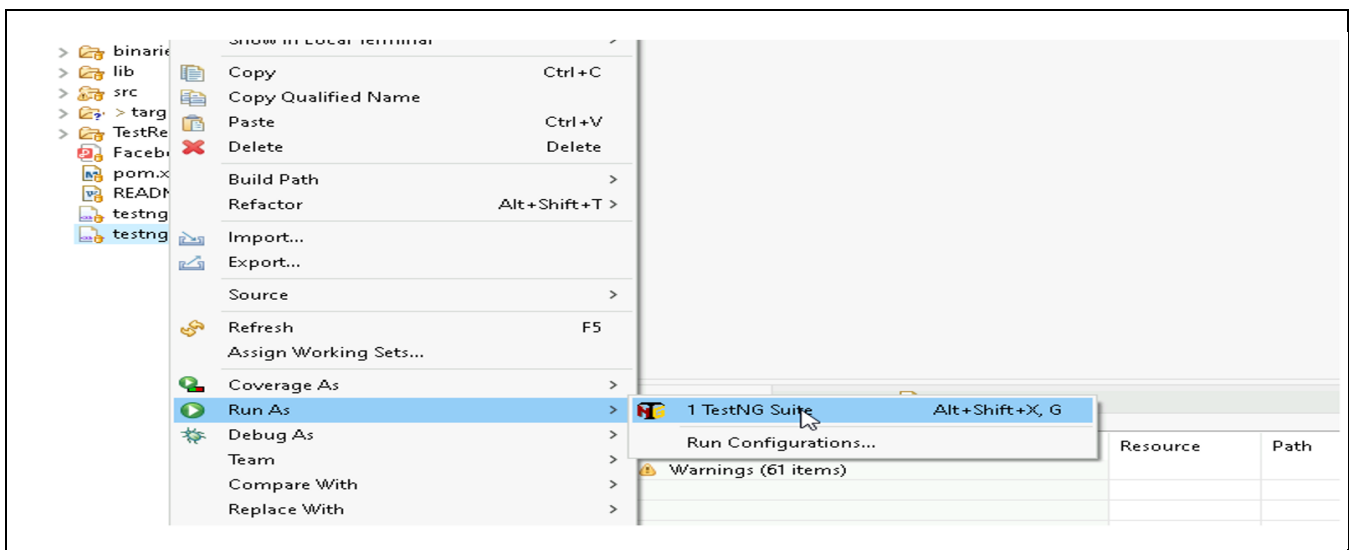
### 1.1 CODE QUALITY/OPTIMIZATIONS

1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

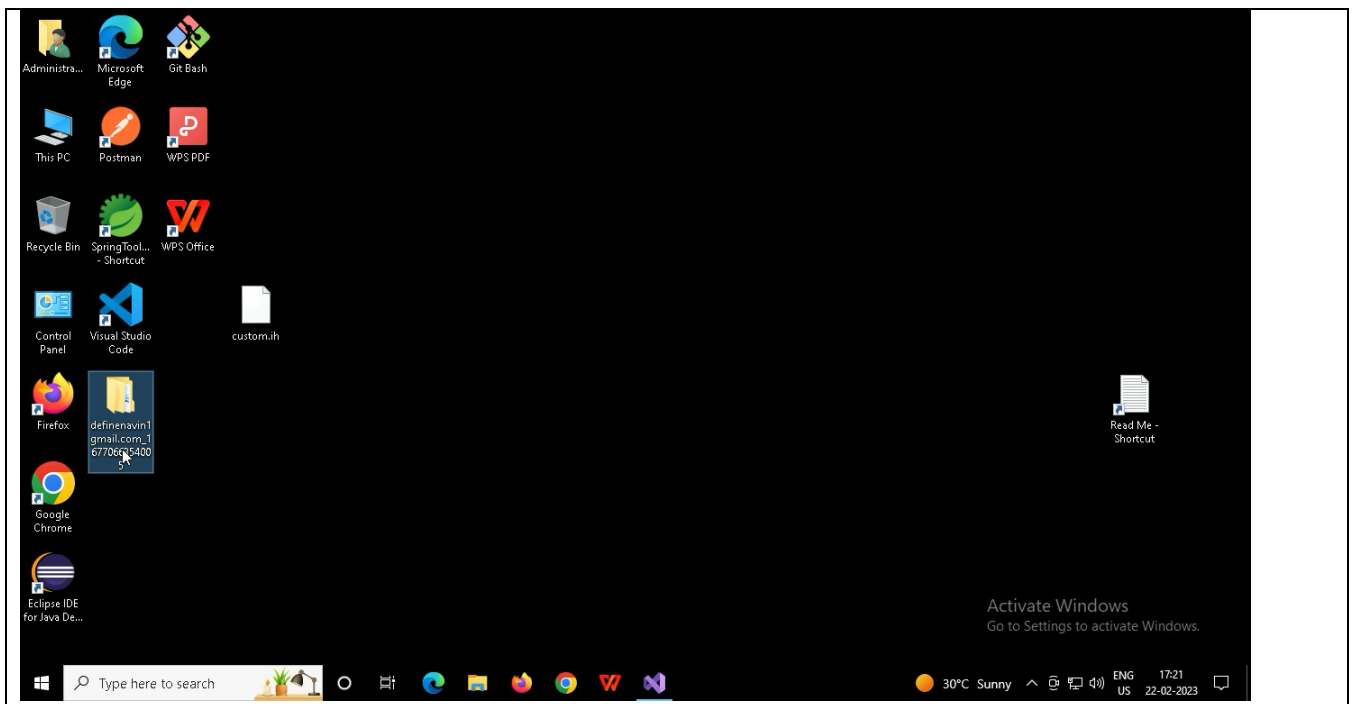
## EXECUTION STEPS TO FOLLOW

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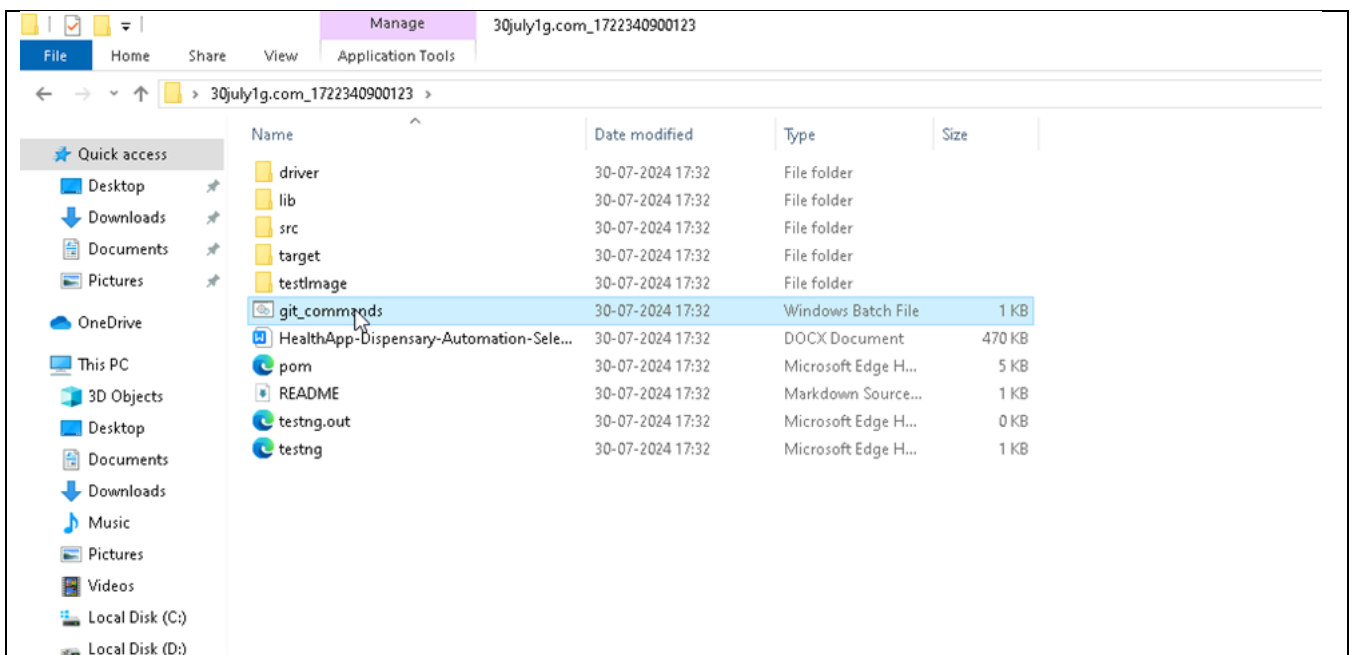
1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite



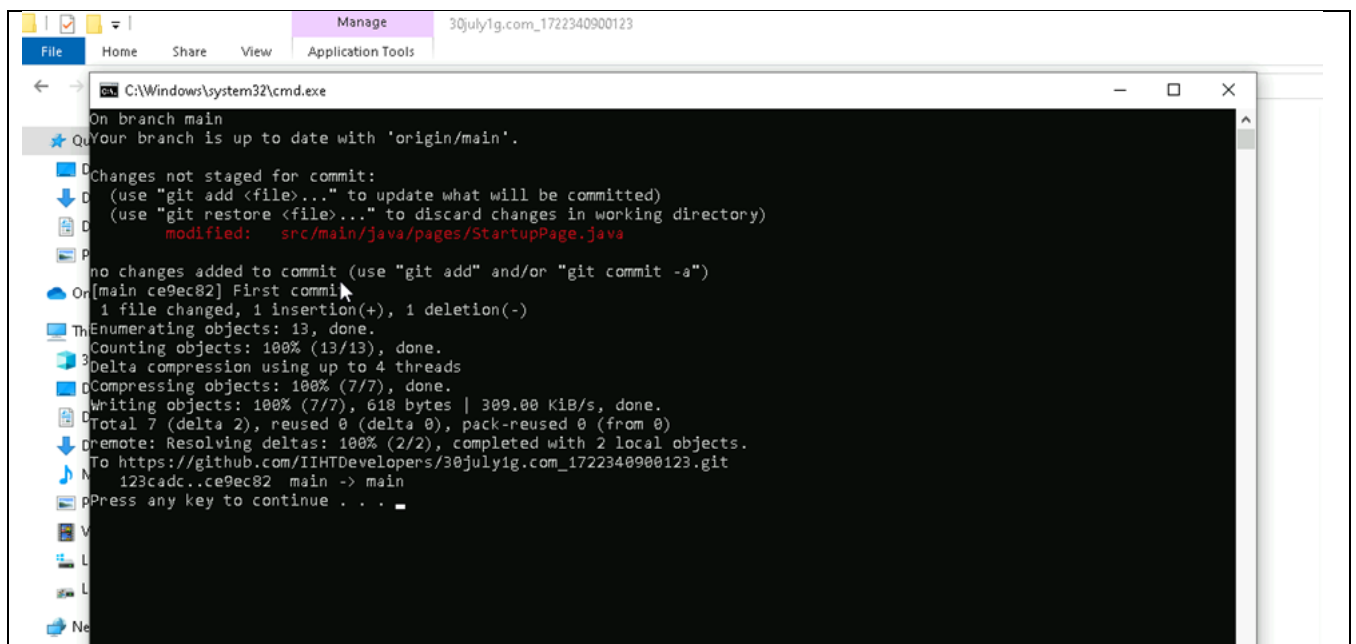
3. Before final submission, you must also push your code to GIT. Following are the steps to follow:
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In your project folder, you will find a batch file named `git_commands`



Double-click the batch file to run it. It will run the commands to push your code to GIT.



```
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   src/main/java/pages/StartupPage.java

no changes added to commit (use "git add" and/or "git commit -a")

On [main ce9ec82] First commit
  1 file changed, 1 insertion(+), 1 deletion(-)

Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 4 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 618 bytes | 309.00 KiB/s, done.
Total 7 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/IIHTDevelopers/30julyig.com_1722340900123.git
123cadc..ce9ec82 main -> main

Press any key to continue . . .
```

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All the Best