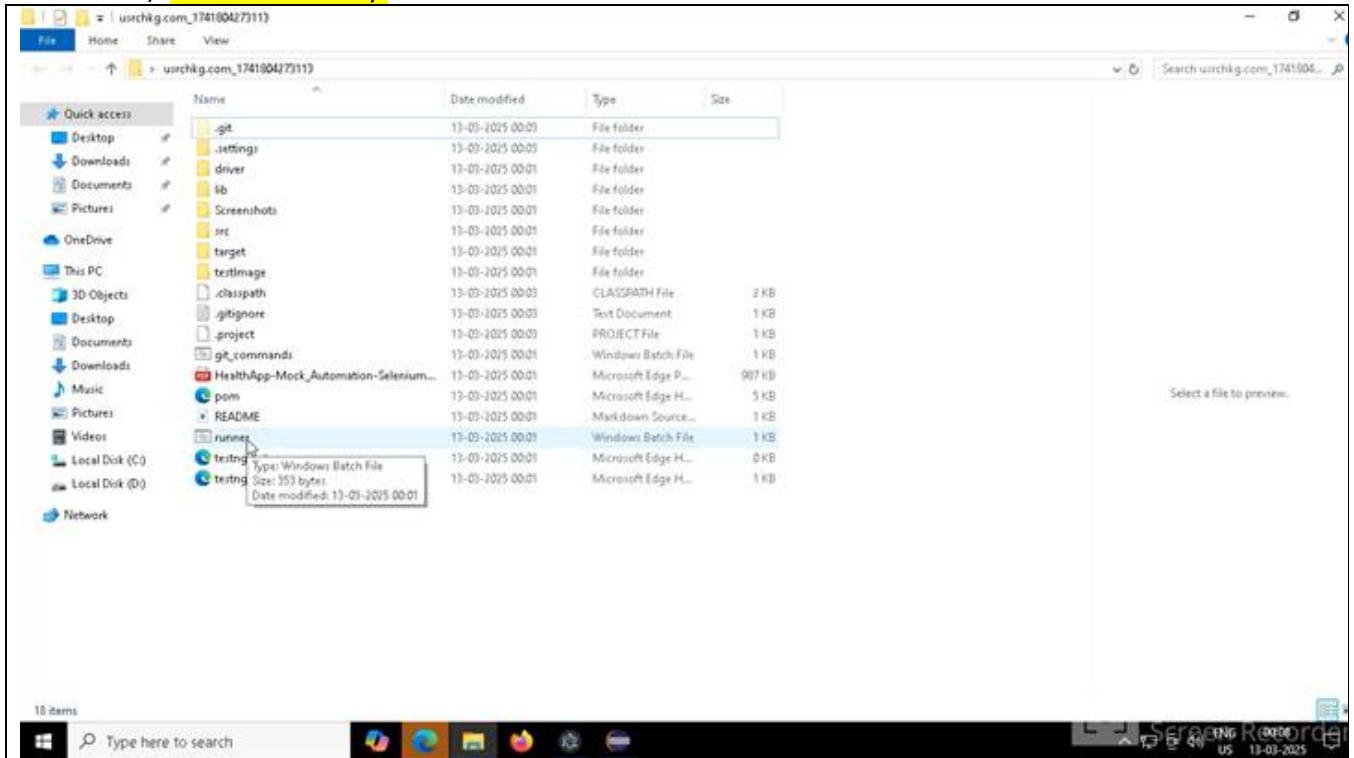


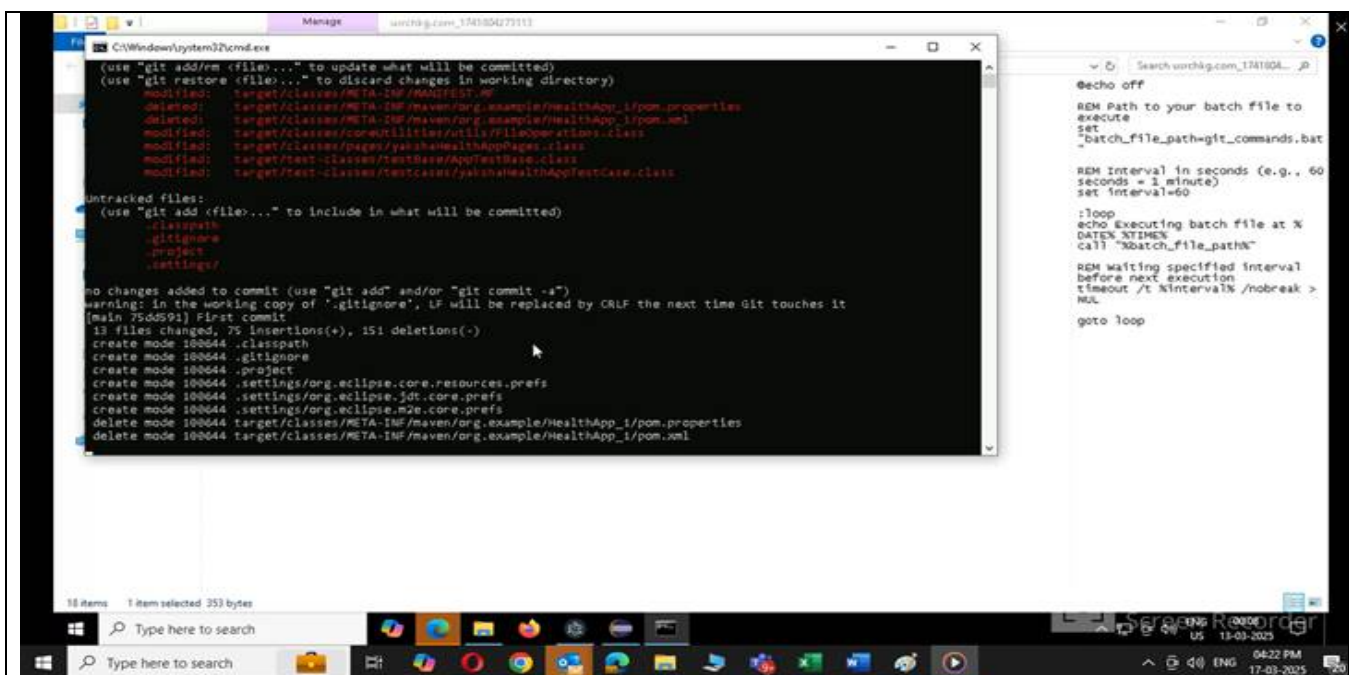
SHOPPING CART AUTOMATION- PL1(15 TCS)

Pre-requisite:

Before you start working on your project, execute the runner file present in your project folder (Simply by double click). **This is mandatory.**

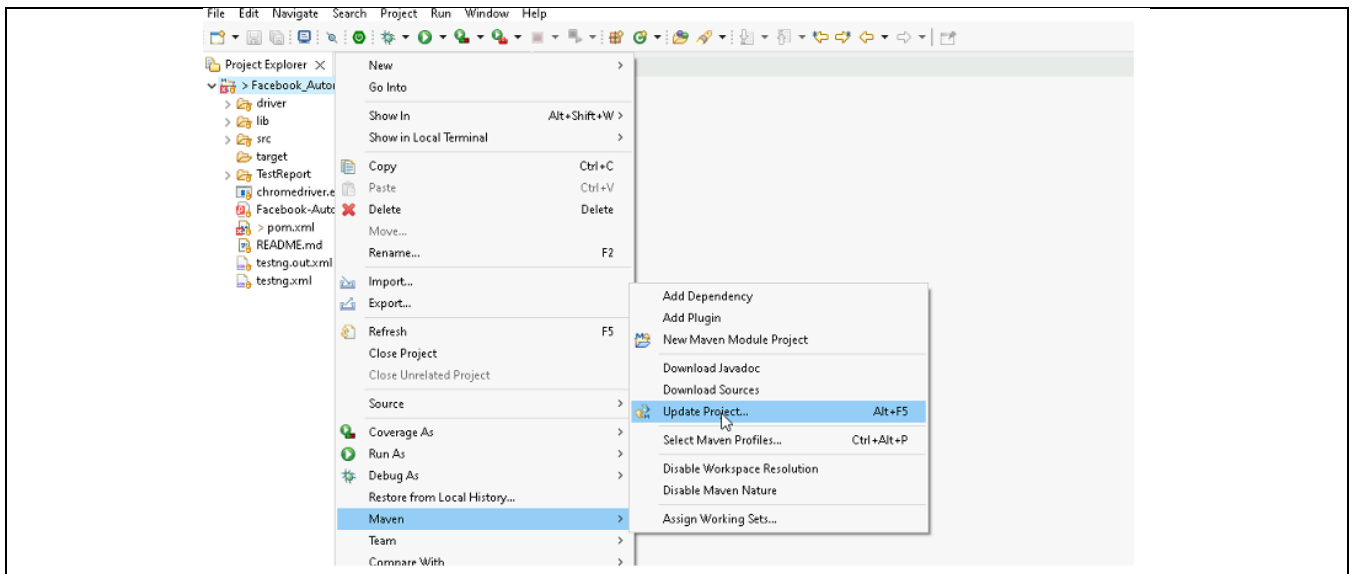


This will launch a command terminal for you where it will keep on pushing your updated code to GIT at regular intervals. Keep that command terminal open at the backend and you can continue working on your project.

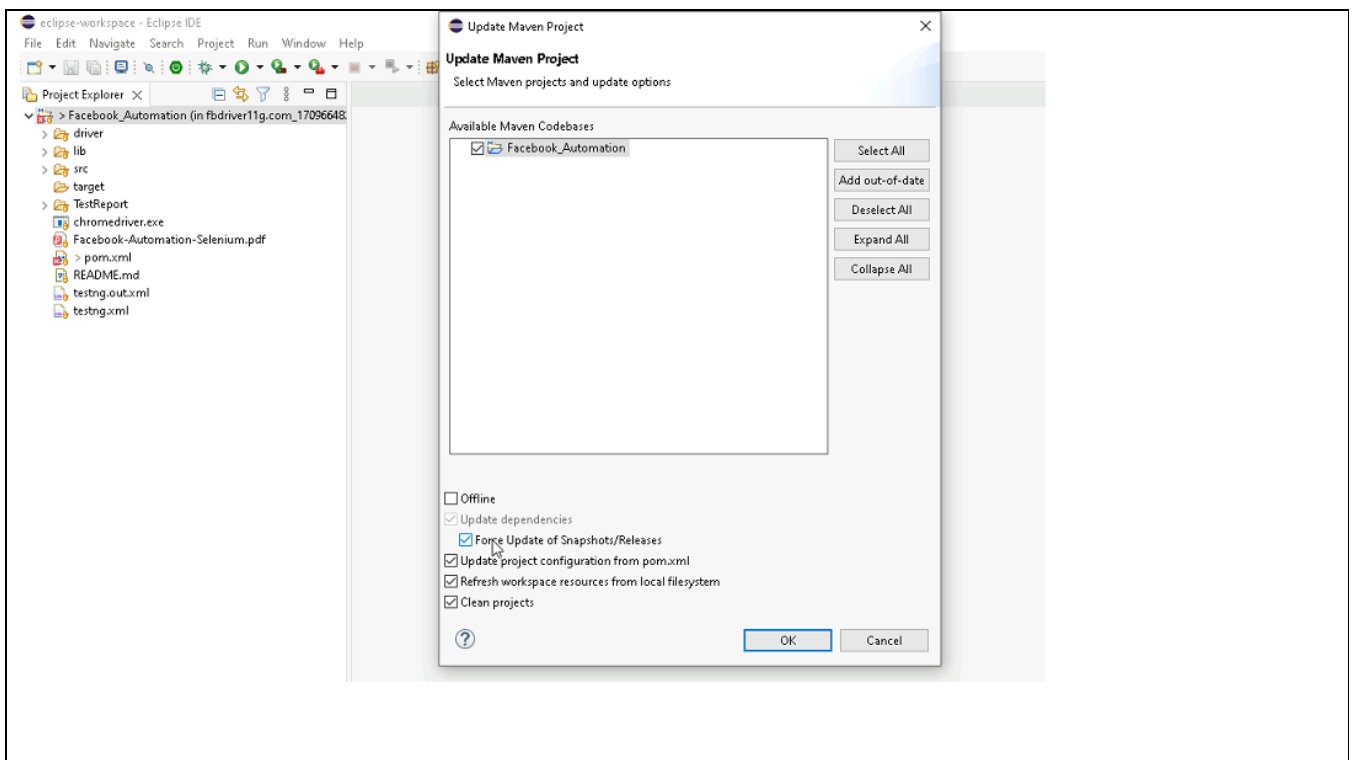


As soon as you import the project in Eclipse, update the project using maven update option as below. This is to resolve issue if any maven dependency not downloaded properly:

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">1. All core activities (mentioned in list below “Key Activities to implement”) are to be performed here.2. The comments associated with each templated method here describe the expectation.3. You can define locators and xpath here.4. Declare any variable/object you need to share data/status between different methods.5. Do not modify the signature of methods declared here.6. You can create additional supportive common methods in CommonEvents class.
/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/utlis	CommonEvents.java	<ol style="list-style-type: none">1. Contains all common activities.2. Certain templated common method declared here.3. You implement them as per your need.4. You can add any additional method for common activity here
	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.	Steps: 1. Navigate to: http://practice.automationtesting.in/ .	Verify the title of home page.
2	Check "Shop" Menu Option is present or not.	Precondition: 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.	Precondition: User should be on the home page of the website. Steps: 1. Click on "Shop" Menu Option.	Verify the title of the Shop page.
4	Click on the Automation Testing logo.	Precondition: User should be on the "Shop" page of the website. Steps: 1. Click on the logo of the "Automation Testing"	Verify if navigate to the home page by clicking on the Logo.
5	Check if Home page has a section of new arrivals.	Precondition: 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.	Precondition: 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.	Precondition: User should be on the home page of the website. Steps: 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".	Precondition: User should be on the "Selenium Ruby" product page. Steps: 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.	Precondition: User should be on the "Selenium Ruby" product page. Steps: 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	Precondition: 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.	Precondition: 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.	Precondition: User should be on the basket page.	Verify that selenium ruby product price is being displayed.
13	Ensure that selenium ruby product quantity is displayed in Cart page.	Precondition: User should be on the basket page.	Verify that selenium ruby product quantity is being displayed.
14	Ensure that selenium ruby product total price is being displayed in Cart page.	Precondition: User should be on the basket page.	Ensure that selenium ruby product total price is being displayed in Cart page.
15	verify that the Sub Total, Tax and Total Field are being displayed	Precondition: User should be on the basket page.	verify that the Sub Total, Tax and Total Field are 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.

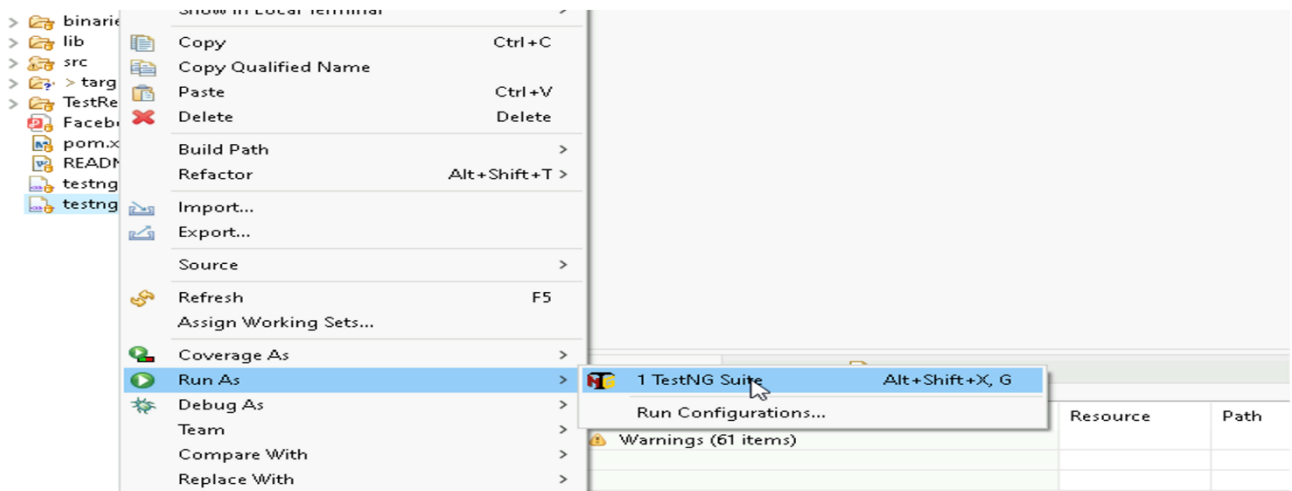
IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

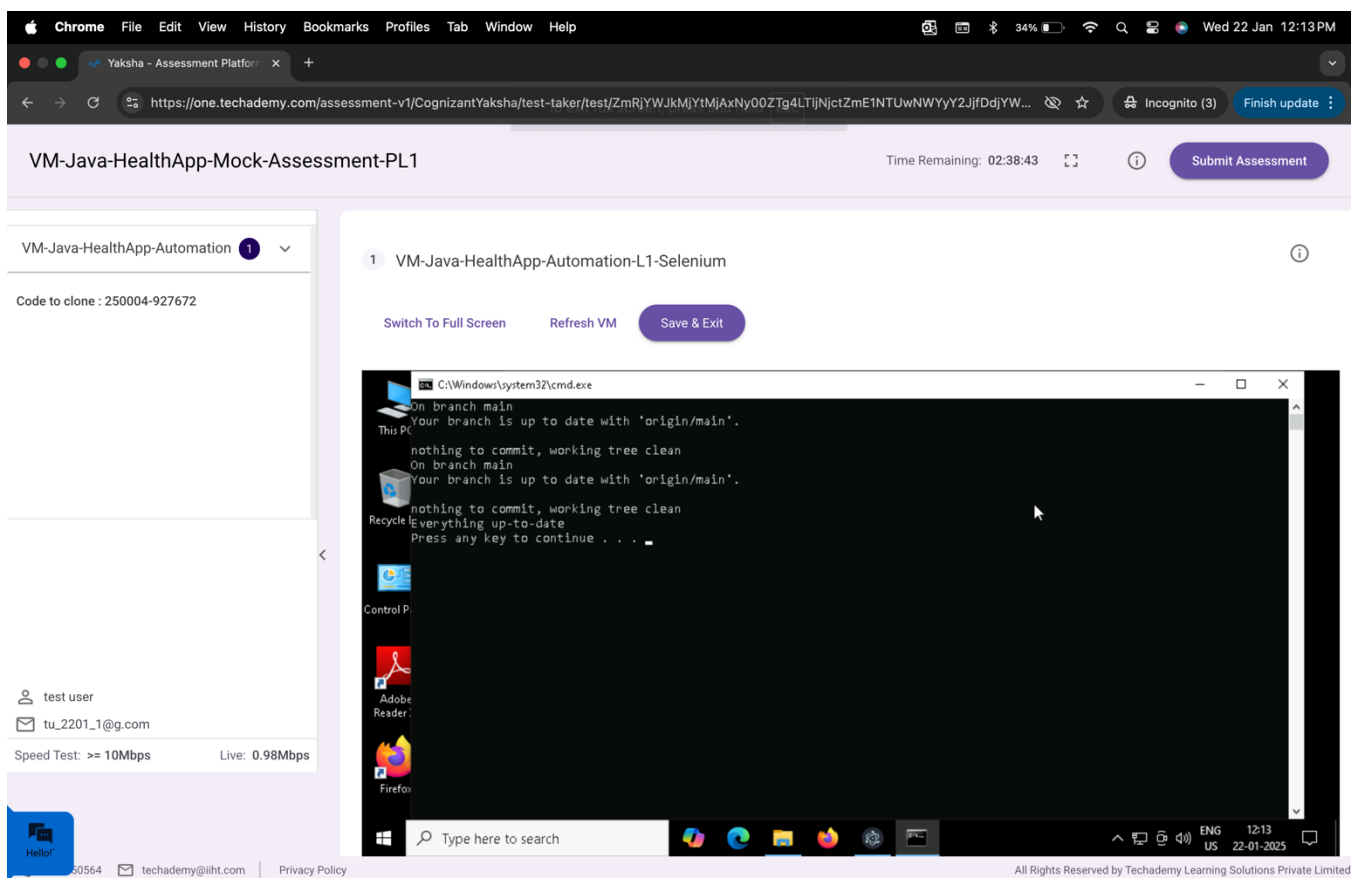
1. Associates should have written clean code that is readable.
 2. Associates need to follow SOLID programming principles.
-

EXECUTION STEPS TO FOLLOW

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



3. To do the final submission of the assessment :
 - Press escape to come out of Fullscreen mode.
 - Submit the assessment.



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Yaksha - Assessment Platform

https://one.techademy.com/assessment-v1/CognizantYaksha/test-taker/test/ZmRjYWJkMjYtMjAxNy00ZG4LTjNjctZmE1NTUwNWYyY2JfDdjYW...

VM-Java-HealthApp-Mock-Assessment-PL1

Time Remaining: 02:38:43

Submit Assessment

VM-Java-HealthApp-Automation 1

Code to clone : 250004-927672

test user

tu_2201_1@g.com

Speed Test: >= 10Mbps Live: 0.98Mbps

1 VM-Java-HealthApp-Automation-L1-Selenium

Switch To Full Screen Refresh VM Save & Exit

```
C:\Windows\system32\cmd.exe
On branch main
Your branch is up to date with 'origin/main'.
This PC
nothing to commit, working tree clean
On branch main
Your branch is up to date with 'origin/main'.
Recycle
nothing to commit, working tree clean
everything up-to-date
Press any key to continue . . .
```

Control Panel

Adobe Reader

Firefox

Type here to search

ENG US 12:13 22-01-2025

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After the successful submission of the assessment, you will get a confirmation message displayed on your screen.

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All the Best

