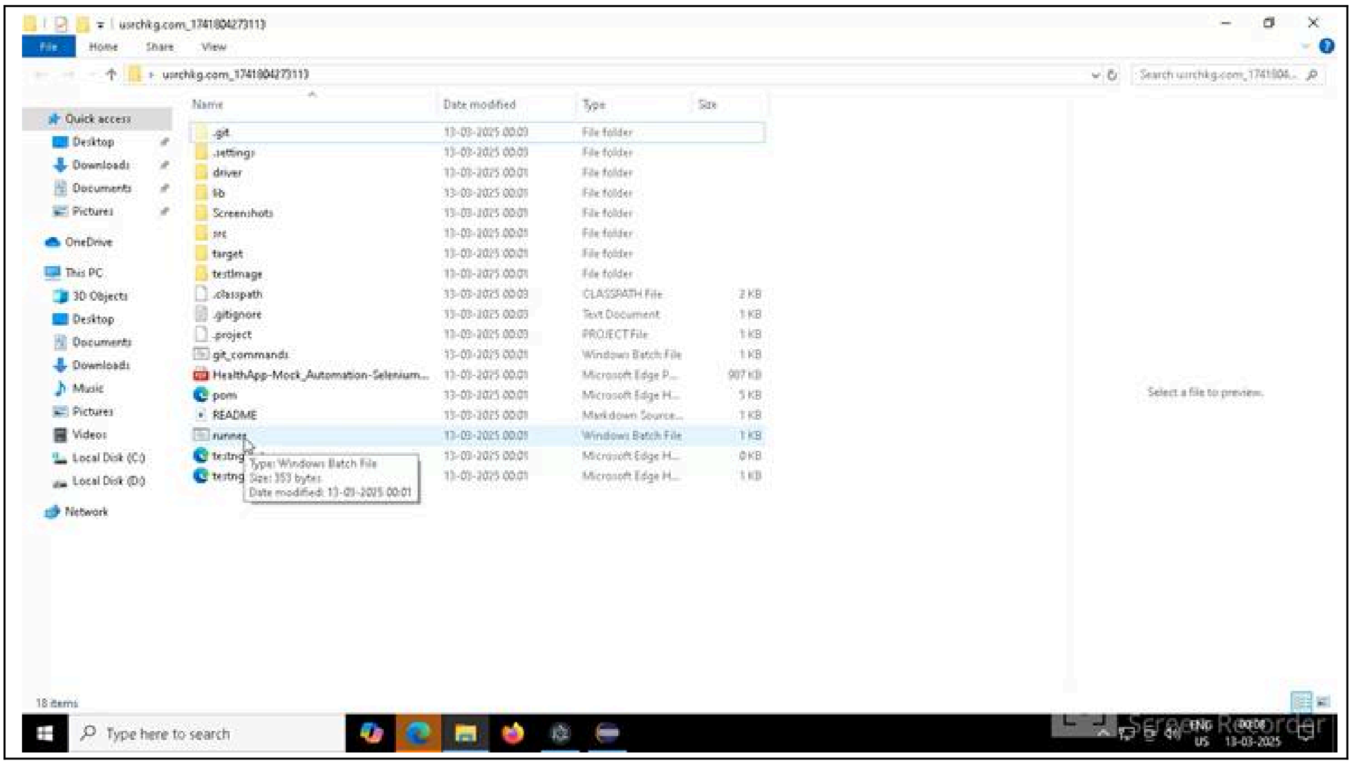
HealthApp Automation Substore Module-PL1

Pre-requisite:

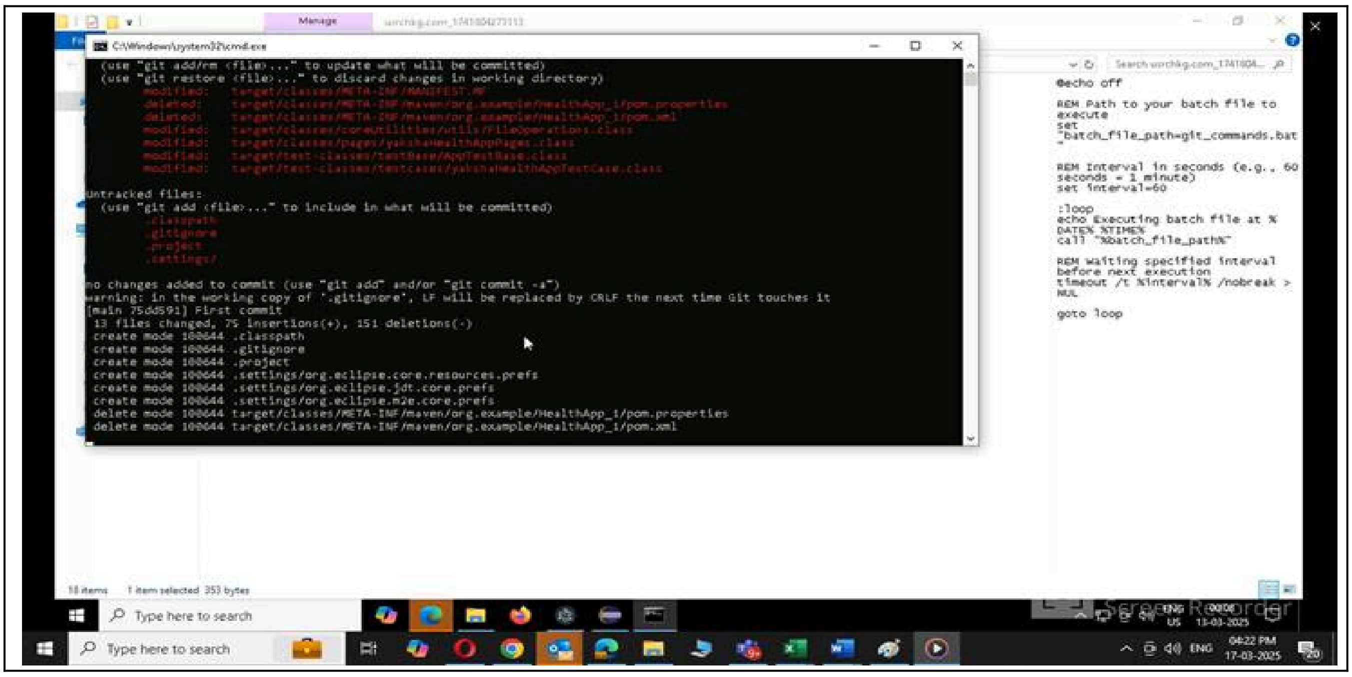
Before you start working on your project, execute the runner file present in your project folder (Simply by double click). This is mandatory.



Name	Date modified	Type	Size
.git	13-03-2025 00:03	File folder	
.settings	13-03-2025 00:03	File folder	
driver	13-03-2025 00:01	File folder	
lib	13-03-2025 00:01	File folder	
Screenshots	13-03-2025 00:01	File folder	
src	13-03-2025 00:01	File folder	
target	13-03-2025 00:01	File folder	
testImage	13-03-2025 00:01	File folder	
.classpath	13-03-2025 00:03	CLASSPATH File	2 KB
.gitignore	13-03-2025 00:03	Text Document	1 KB
.project	13-03-2025 00:03	PROJECT File	1 KB
git_commands	13-03-2025 00:01	Windows Batch File	1 KB
HealthApp-Mock_Automation-Selenium...	13-03-2025 00:01	Microsoft Edge P...	907 KB
pom	13-03-2025 00:01	Microsoft Edge H...	5 KB
README	13-03-2025 00:01	Markdown Source...	1 KB
runner	13-03-2025 00:01	Windows Batch File	1 KB
testng	13-03-2025 00:01	Microsoft Edge H...	0 KB
testng	13-03-2025 00:01	Microsoft Edge H...	1 KB

Type: Windows Batch File
Size: 353 bytes
Date modified: 13-03-2025 00:01

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

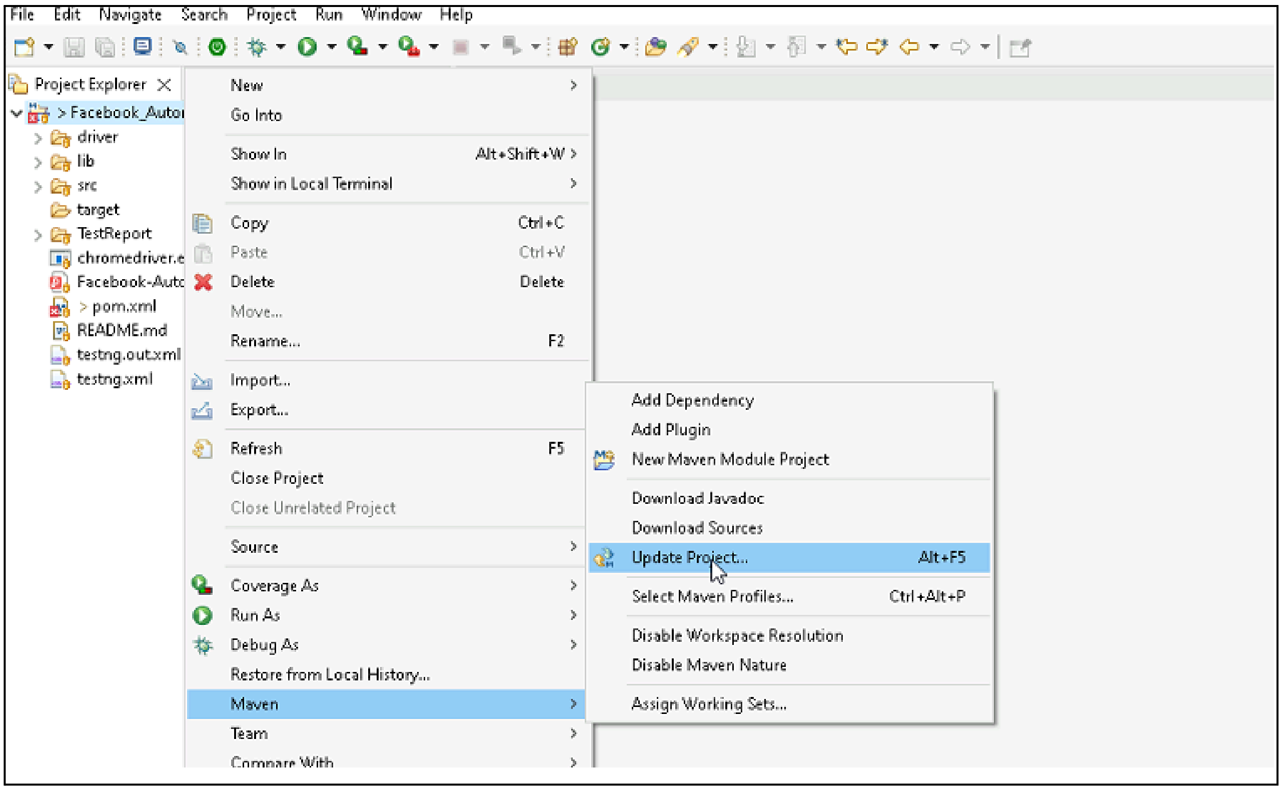


```
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   target/classes/META-INF/MANIFEST.MF
        deleted:    target/classes/META-INF/maven/org.example/HealthApp_1/pom.properties
        deleted:    target/classes/META-INF/maven/org.example/HealthApp_1/pom.xml
        modified:   target/classes/coreUtilities/utils/FileOperations.class
        modified:   target/classes/pages/yakshaHealthAppPages.class
        modified:   target/test-classes/testBase/AppTestBase.class
        modified:   target/test-classes/testcases/yakshaHealthAppTestCase.class

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .classpath
        .gitignore
        .project
        .settings/

no changes added to commit (use "git add" and/or "git commit -a")
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
[main 75dd591] First commit
 13 files changed, 75 insertions(+), 151 deletions(-)
 create mode 100644 .classpath
 create mode 100644 .gitignore
 create mode 100644 .project
 create mode 100644 .settings/org.eclipse.core.resources.prefs
 create mode 100644 .settings/org.eclipse.jdt.core.prefs
 create mode 100644 .settings/org.eclipse.m2e.core.prefs
 delete mode 100644 target/classes/META-INF/maven/org.example/HealthApp_1/pom.properties
 delete mode 100644 target/classes/META-INF/maven/org.example/HealthApp_1/pom.xml
```

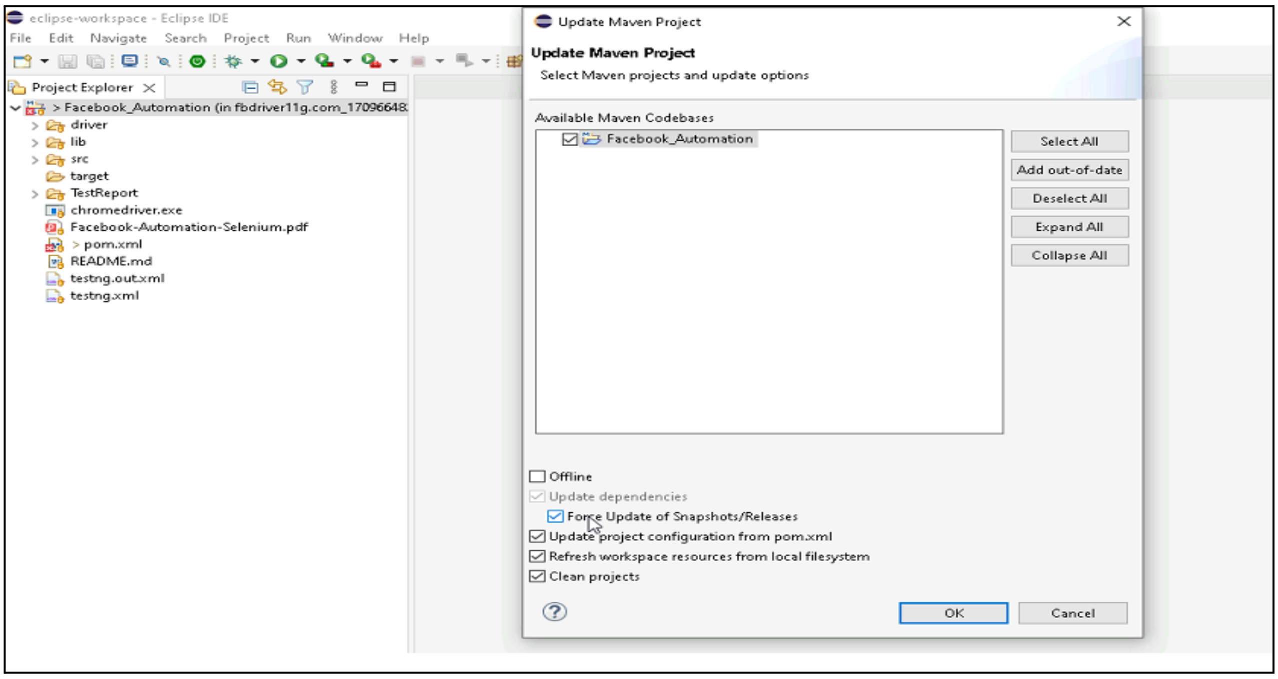
```
@echo off

REM Path to your batch file to execute
set "batch_file_path=git_commands.bat"

REM Interval in seconds (e.g., 60 seconds = 1 minute)
set interval=60

:loop
echo Executing batch file at %DATE% %TIME%
call "%batch_file_path%"

REM Waiting specified interval before next execution
timeout /t %interval% /nobreak > NUL

goto loop
```

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

1. Right-click on the project: Go to “Maven” and select “Update Project”



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



Update Maven Project

Update Maven Project

Select Maven projects and update options

Available Maven Codebases

- [x] Facebook_Automation

- [ ] Offline
- [ ] Update dependencies
- [x] Force Update of Snapshots/Releases
- [x] Update project configuration from pom.xml
- [x] Refresh workspace resources from local filesystem
- [x] Clean projects

Template Code Structure:

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

b. Other Files and packages you can ignore.

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

d. 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/coreUtilities/utils/	FileOperations.java	**The method for reading data as input from an Excel file has already been implemented here.** **This method is used to fetch the required data from Excel including the URL for navigation.**
/src/main/java/pages	substore_page.java	1. All core activities (mentioned in the list "Key activates to implement" below) 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 the CommonEvents class.
/src/main/resources/	Config.xlsx	URL to navigate to. Already URL is already defined here
	expected_data.xlsx	Contains data to fill in the form
/src/main/java/coreUtilities/utils	CommonEvents.java	1. Contains all common activities. 2. Certain templated common methodsare declared here. 3. You implement them as per your needs. 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:

Sl No.	Summary	Action	Expected Result
1	Verify whether the SubStore module is present or not	1. go to the URL: https://healthapp.yaksha.com/ 2. login as a valid credential (username: admin, password: pass123) and click on the "Sign in" Button 3. Scroll down the menu to SubStore 4. Click on the SubStore	The Substore module should be present
2	Ensure that the "Select Your Substore" heading is displayed, and all expected sub-module cards/tiles are also displayed.	**Pre-condition:** The user should be logged in **Steps:** 1. Locate and click on the 'Substore' module link or button in the main navigation menu.	Upon clicking the 'Substore' module, the "Select Your Substore" heading should appear with the correct heading. All specified sub-module cards/tiles should be present and displayed correctly.
3	Ensure that the tooltip text on the substore switch button accurately displays the correct information when hovered over in the "Account" substore.	**Preconditions**: The user must be logged in to the application. The user is already on the "Substore" module page. **Steps**: 1. Click on the "Account" option within the substore module. 2. Move the cursor to hover over the substore switch button. 3. Observe the tooltip that appears when hovering over the substore switch button.	Verify text on hover contains "You are currently in Accounts sub store. To change, you can always click here."
4	Ensure that all expected sub-modules are displayed correctly.	**Preconditions**: The user must be logged into the HealthApp application. The user is already on the SubStore module. **Test Steps**: 1. Select 'Inventory' Sub-Module 2. Select 'Pharmacy' Sub-Module	All sub-modules should be displayed correctly. Expected Sub modules are: Pharmacy, Inventory
5	To verify that all sub-modules under the Inventory module are present.	**Preconditions**: The user must be logged into the system. The user should be on the "Inventory" submodule of the "SubStore" module page. **Test Steps**: 1. Count the number of sub-modules that are visible and take note of their names. 2. Verify each sub-module by checking if it is displayed on the screen.	All sections should be displayed correctly. Expected Sub modules are: Stock, Inventory Requisition, Consumption, Reports, Patient Consumption, Return

6	To manually verify that navigation between different submodules within the "Inventory" module updates the URL correctly, reflecting the content of the newly navigated submodule.	**Preconditions**: The user must be logged into the application. The user must be on the "Inventory" module and its respective sub-module. **Test Steps**: 1. Navigate to the 'Inventory' Submodule. 2. Navigate to the 'Stock' Submodule. 3. Navigate to 'Inventory Requisition'. 4. Navigate to the 'Consumption' Submodule. 5. Navigate to the 'Reports' Submodule. 6. Navigate to 'Patient Consumption'. 7. Navigate to the 'Return' Submodule. 8. Navigate to the 'Stock' Submodule.	Verify that each click should lead to the correct submodule, and the URL should update accordingly to reflect the navigation accurately.
7	To take and save a screenshot of the Inventory section under the Substore module, verify that the screenshot captures the current state of the user interface and is saved in the "Screenshots" directory.	**Preconditions**: The user must be logged into the application. The user must be on the "Inventory" module and its respective sub-module. **Test Steps**: 1. Use the operating system's screenshot functionality or an in-application feature designed for screenshots, if available. 2. Save the captured image into the designated screenshot folder.	The screenshot should be saved successfully in the specified screenshot folder.
8	To confirm that all specified user interface elements are present and correctly displayed in the "Inventory Requisition" section of the Inventory submodule.	**Preconditions**: The user must be logged into the application. The user must be on the "Inventory" module and its respective sub-module. **Test Steps**: 1. Within the Inventory submodule, locate and click on the "Inventory Requisition" section or tab.	Check for the presence of the following buttons and ensure they are correctly labelled: First, Previous, Next, Last, Create Requisition, Ok, Print, View, and Receive items Locate the search bar and confirm it is visible. Confirm the presence of the following drop-down menus: Filter by Store, Date range, "..." (3 dots). Check for the presence of radio buttons: All, Pending, Completed, Cancelled, Withdrawn Confirm that there are two date pickers labelled as "From" and "To". Hover over any elements with a star figure (usually indicative of importance or more information) to display a tooltip.
9	Retrieve a post by ID and validate the response in method: getPostById(int id)	1. Call the GET https://jsonplaceholder.typicode.com /posts/{id} endpoint. 2. Pass the id of the post to retrieve. 3. Validate the response body contains the correct post details.	Returns a 200 OK status code. The response body contains the correct title, body, userId, and id.

10	Update an existing post and validate the update in method: updatePost(int id, String newTitle, String newBody, int userId)	1. Call the PUT https://jsonplaceholder.typicode.com /posts/{id} endpoint. 2. Provide newTitle, newBody, and userId in the request body. 3. Validate the response contains the updated title, body, and userId fields.	Returns a 200 OK status code with the updated post. Response body contains the updated title, body, userId, and id.
11	Delete a Post and validate the deletion in method: deletePost(int id)	1. Call the DELETE https://jsonplaceholder.typicode.com /posts/{id} endpoint. 2. Pass the id of the post to delete. 3. Call GET /posts/{id} to verify the post no longer exists.	Returns a 200 OK status code if the post is successfully deleted. The post should not be found in the subsequent GET request, returning 404 Not Found.
12	Retrieve Comments for a Post and validate the response in method: getCommentsForPost(int postId)	1. Call the GET https://jsonplaceholder.typicode.com /posts/{postId}/comments endpoint 2. Pass the postId as a parameter 3. Check if the response body contains an array of comments 4. Validate each comment has a postId, id, name, email, and body properties	Returns a 200 OK status with a list of comments related to the specified post. Response body contains an array of comments with the specified properties

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

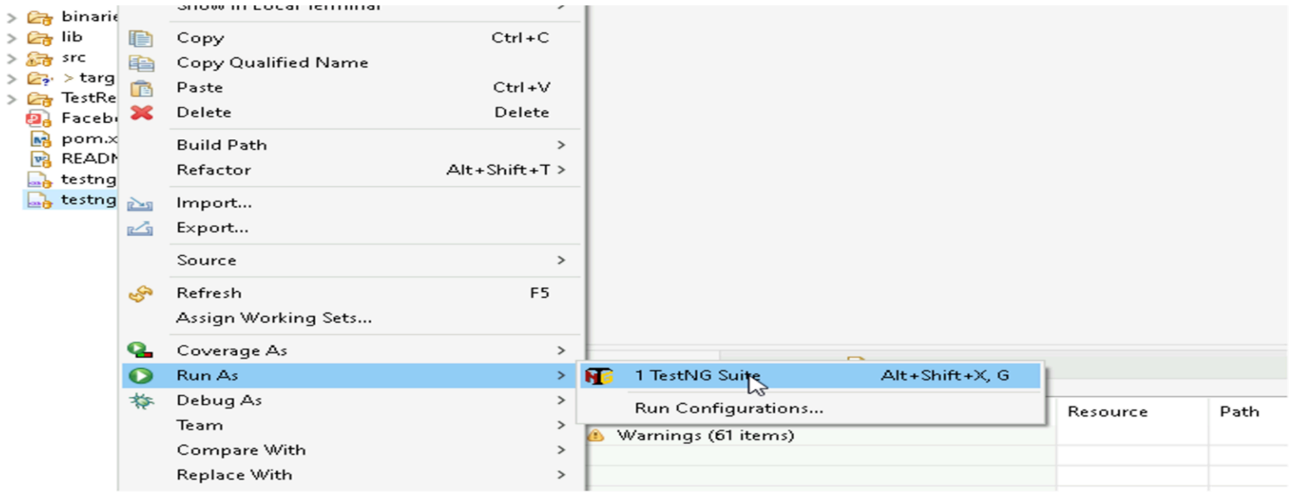
1.1 CODE QUALITY/OPTIMIZATIONS

1. Associates should have written clean code that is readable.

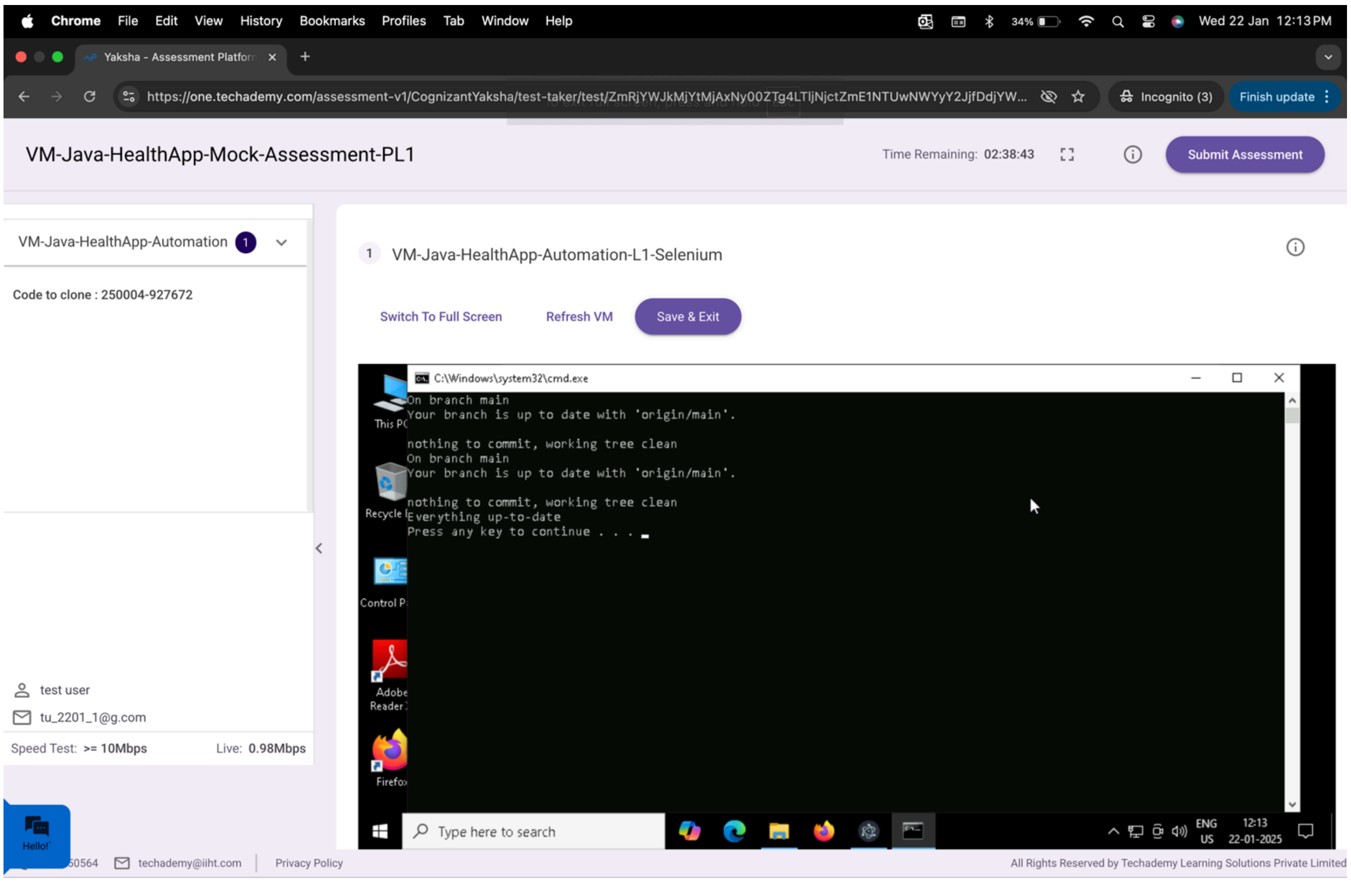
2. Associates need to follow SOLID programming principles.

EXECUTION STEPS TO FOLLOW

1. **You are mandatory required to run test cases for applications before final submission. Without this, the 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 :
   a. Press escape to come out of Fullscreen mode.
   b. Submit the assessment.



Chrome File Edit View History Bookmarks Profiles Tab Window Help
Wed 22 Jan 12:13 PM
Yaksha - Assessment Platform
https://one.techademy.com/assessment-v1/CognizantYaksha/test-taker/test/ZmRjYWJkMjYtMjAxNy00ZTg4LTljNjctZmE1NTUwNWYyY2JfdDdjYW...
Incognito (3)
Finish update
VM-Java-HealthApp-Mock-Assessment-PL1
Time Remaining: 02:38:43
Submit Assessment
VM-Java-HealthApp-Automation 1
Code to clone : 250004-927672
1 VM-Java-HealthApp-Automation-L1-Selenium
Switch To Full Screen
Refresh VM
Save & Exit
C:\Windows\system32\cmd.exe
This PC
Recycle Bin
Control Panel
Adobe Reader
Firefox
Type here to search
ENG US 12:13 22-01-2025
test user
tu_2201_1@g.com
Speed Test: >= 10Mbps
Live: 0.98Mbps
Hello!
techademy@iiht.com
Privacy Policy
All Rights Reserved by Techademy Learning Solutions Private Limited

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

nothing to commit, working tree clean
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
Everything up-to-date
Press any key to continue . . .
```

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

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All the Best