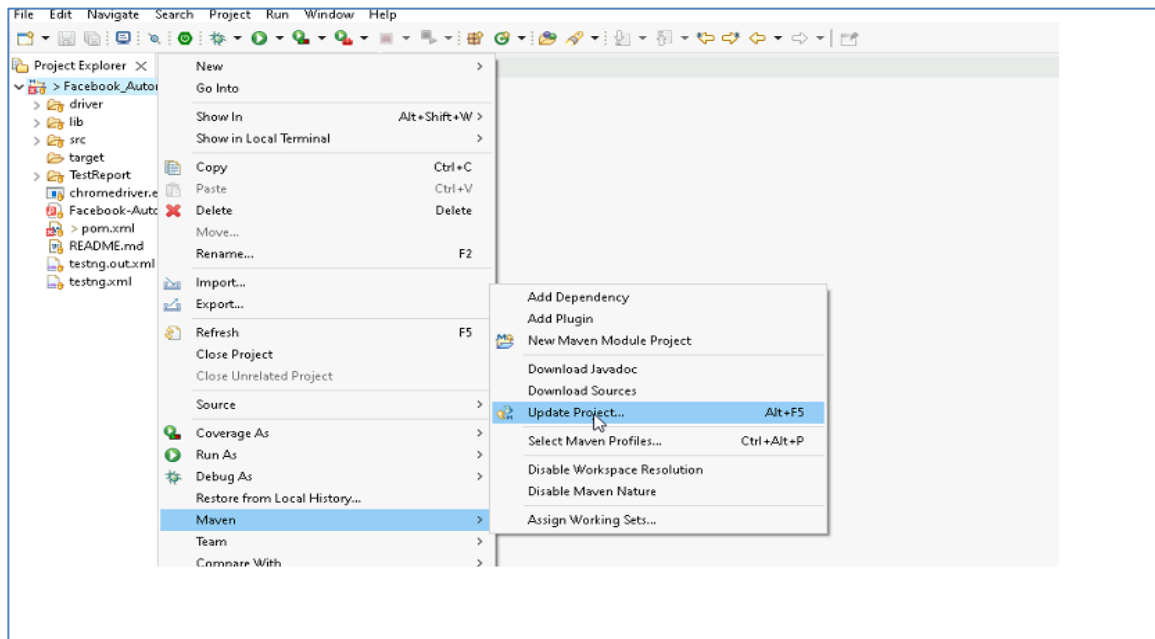


# HEALTHAPP AUTOMATION PHARMACY MODULE - PL1

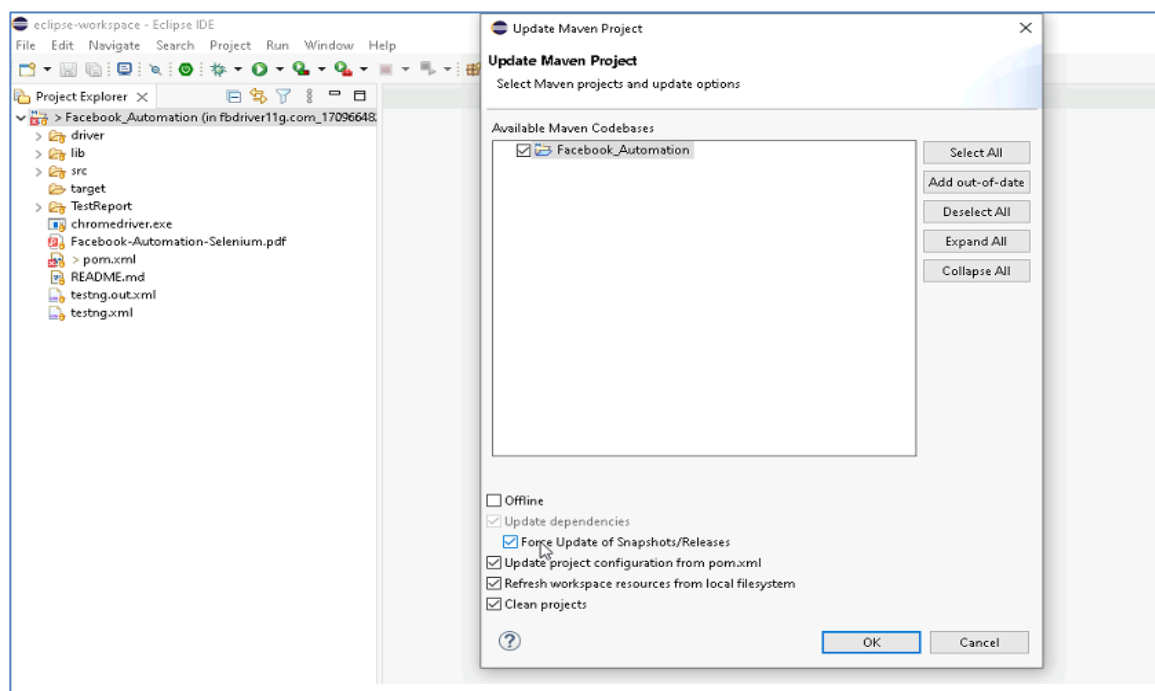
## Pre-requisite:

As soon as you import 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:

- a. Below are the packages and files you will be required to work upon.
- b. Other Files and packages you can ignore.
- c. In other Files and packages do not do any changes. It would affect your evaluation.
- d. You are not required to work in “Test” Folder. Files there are non-editable. Editing those files and trying to save them will throw error and would affect your evaluation.

Package	Class/File	Description
src/main/java/coreUtilities/utis/	FileOperations.java	<p>The method for reading data as input from an Excel file have already been implemented here.</p> <p>This method is used to fetch the required data from excel including the URL for navigation.</p>
/src/main/java/pages	pharmacy_Pages.java	<ol style="list-style-type: none"><li>1. All core activities (mentioned in list above) 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 to share data/status between different methods.</li><li>5. Do not modify the signature of methods declared here.</li><li>6. You can create additional supportive common methods in CommonEvents class.</li></ol>
/src/main/resources/	Config.xlsx	URL to navigate to. Already URL is defined here
	expected_data.xlsx	Contains data to fill in form
/src/main/java/coreUtilities/utis	CommonEvents.java	<ol style="list-style-type: none"><li>1. Contains all common activities.</li><li>2. Certain templated common method declared here.</li></ol>

		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:

SI No.	Summary	Action	Expected Result
1	Verify the title and URL of the Home page.	1. go to URL : <a href="https://healthapp.yaksha.com/">https://healthapp.yaksha.com/</a> 2. login as valid credential ( <b>username : admin , password : pass123</b> ) and click on "Sign In" Button 3. get the title and URL of the Home page, post login	Validate the title and URL of the Home page  Title should be : <b>DanpheHealth</b> URL should be : <b>https://healthapp.yaksha.com/Home/Index#</b>
2	To confirm that the Pharmacy module is available and accessible within the HealthApp's.	<b>Preconditions:</b> The user must have successfully logged into the HealthApp application. <b>Steps:</b> <ol style="list-style-type: none"> <li>1. Scroll through the main menu to locate the Pharmacy section.</li> <li>2. Click on the Pharmacy module to initiate access.</li> </ol>	The Pharmacy module should be listed in the HealthApp's menu.
3	To ensure that all designated sub-modules are correctly displayed under the Pharmacy module.	<b>Preconditions:</b> The user must be logged into the health system. The user has navigated to the Pharmacy section of the application. <b>Steps:</b> <ol style="list-style-type: none"> <li>1. Click on the drop-down arrow of the Pharmacy module to reveal all sub-modules.</li> </ol>	Observe and verify that all expected sub-modules are correctly displayed under the Pharmacy module. Expected Sub modules are : Order, Supplier, report, Setting, Store, Supplier ledger & substore request/dispatch
4	To ensure that the Order section under the Pharmacy module is correctly displayed with all essential components and navigation options.	<b>Preconditions:</b> The user must be logged into the health system. The user is located within the Pharmacy section of the application. <b>Steps:</b> <ol style="list-style-type: none"> <li>1. Select and click on the "Order" sub-module.</li> </ol>	<b>Verify Presence of Order Section Components.</b> <b>Tabs:</b> Check for the presence of 'Purchase Order' and 'Goods Receipt' tabs. <b>Fields :</b> 'SearchBar' <b>Dropdown Menus:</b> 'Supplier name'and 'Date range'
5	To verify that users can successfully navigate from the Order section to the Supplier section within the Pharmacy module.	<b>Preconditions:</b> The user must be logged into the health system. The user is located within the Pharmacy section of the application, with the module already accessed. <b>Steps:</b> <ol style="list-style-type: none"> <li>1. Click on the "Order" to enter this specific sub-module.</li> <li>2. From the Order section, locate and click on the "Supplier" section.</li> </ol>	Validate that clicking on the "Supplier" link should lead the user directly to the Supplier section.

6	To ensure that attempting to print a receipt without filling out necessary details triggers few alert and a validation message popup. Validate the message.	<b>Preconditions:</b> The user must be logged into the health system. The user is located within the "Goods Receipt" tab in Order submodule of Pharmacy section. <b>Steps:</b> <ol style="list-style-type: none"> <li>1. Click on Order section.</li> <li>2. Click on the "Add New Good receipt" button.</li> <li>3. Without entering any details in the necessary fields, scroll to the bottom of the form, Find and click the "Print Receipt" button.</li> <li>4. Click "Ok" to acknowledge and close the couple of alerts.</li> </ol>	After dismissing the alerts, an additional notification message will appear on bottom, This messages should be "Please, Insert Valid Data".
7	Ensure that users can successfully initiate and complete the process of adding a new goods receipt by entering all required details properly.	<b>Preconditions:</b> The user must be logged into the health system. The user is located within the "Goods Receipt" tab in Order submodule of Pharmacy section. <b>Steps:</b> <ol style="list-style-type: none"> <li>1. Click on the "Add New Good receipt" button to open "Add Good Receipt" form</li> <li>2. Then locate the "+Add New Item" and click to open "Add GR Item" form.</li> <li>3. Fill in itemname, batchnumber ,quantity ,rate fields in the form (Use Expected_Data.xlsx's Pharmacy sheet to fetch and fill the values).</li> <li>4. Click the "Save" button, It will close the "Add GR Form".</li> <li>5. Select Supplier(from Data sheet), Invoice(any 6 digit random number).</li> <li>6. Click on "Print Receipt" button to print and save the new receipt.</li> </ol>	User should able to click on the new good receipt button User should able to add a new receipt after fill all mandatory fields
8	Verify to view the added receipt	<b>Preconditions:</b> The user must be logged into the health system. The user is located within the "Goods Receipt" tab in Order submodule of Pharmacy section. <b>Steps:</b> <ol style="list-style-type: none"> <li>1. Close the "Add Good Receipt" form if open.</li> <li>2. Find and Click on the "view" button to view the recently saved receipt .</li> </ol>	User should able to click on view button, Receipt details should be appear.

**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

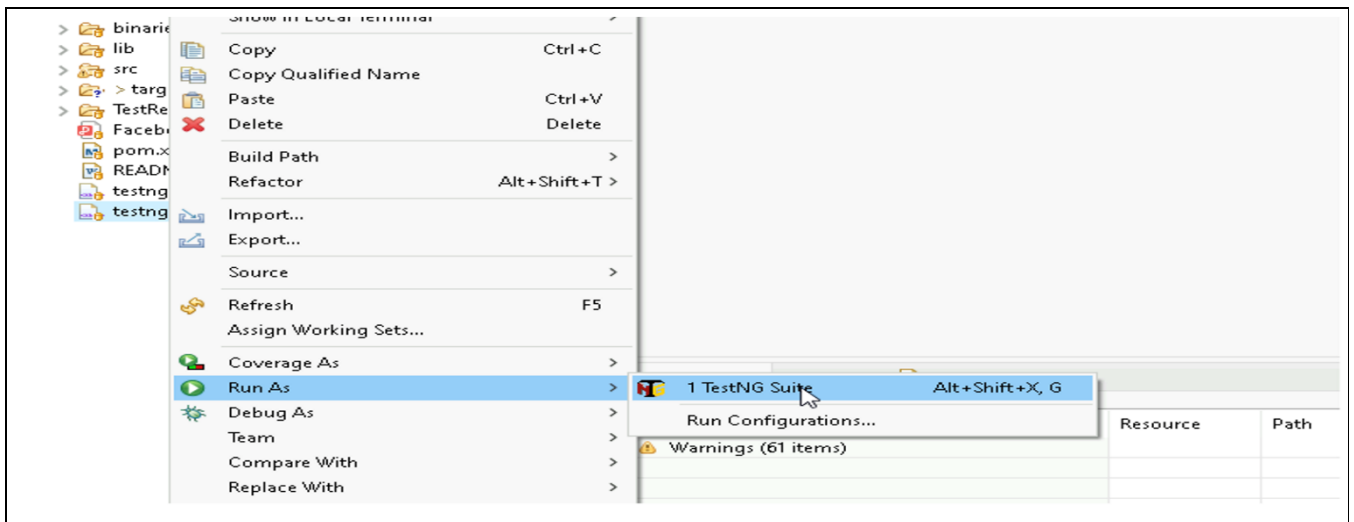
### 1.1 CODE QUALITY/OPTIMIZATIONS

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

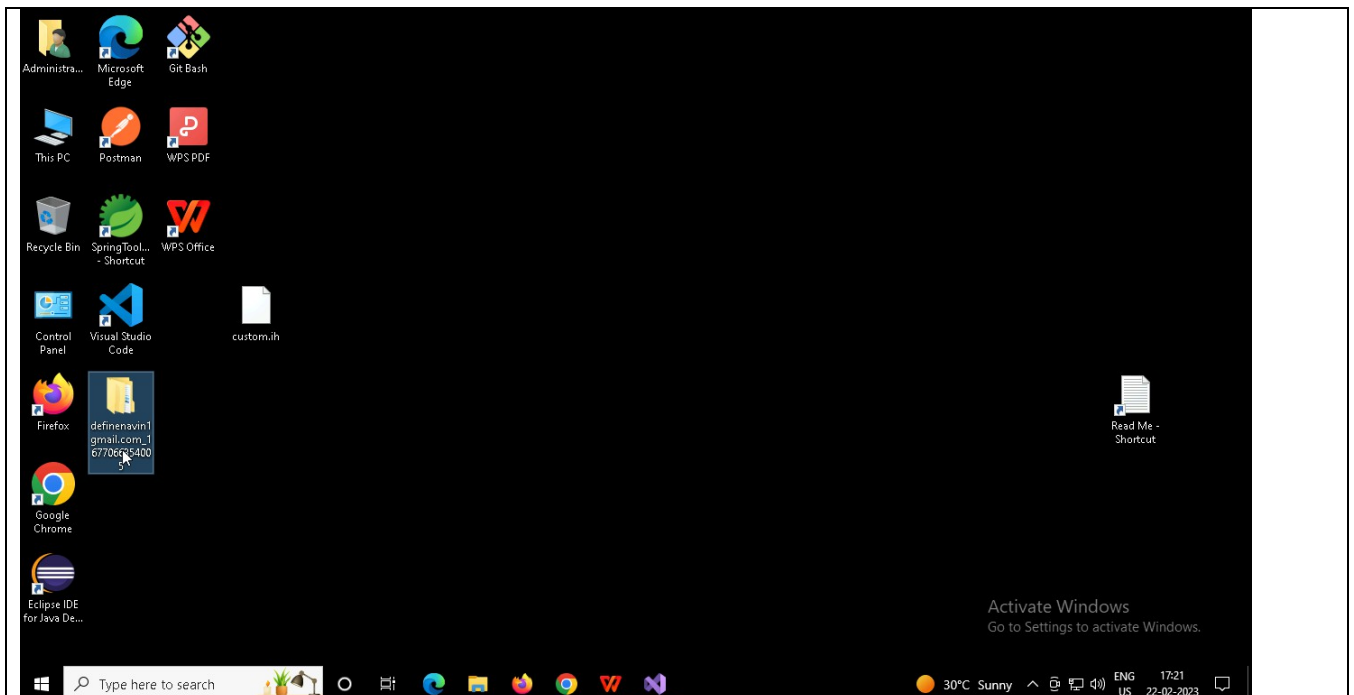
2. Associates need to follow SOLID programming principles.

## EXECUTION STEPS TO FOLLOW

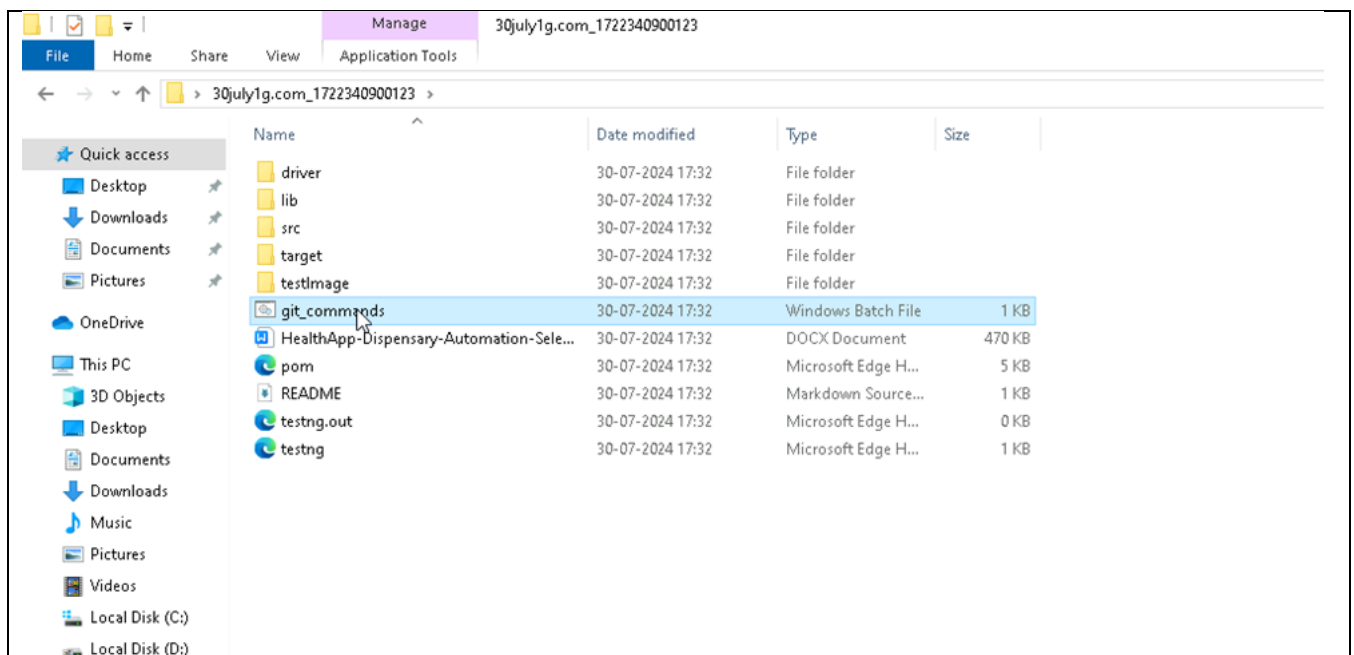
1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite.



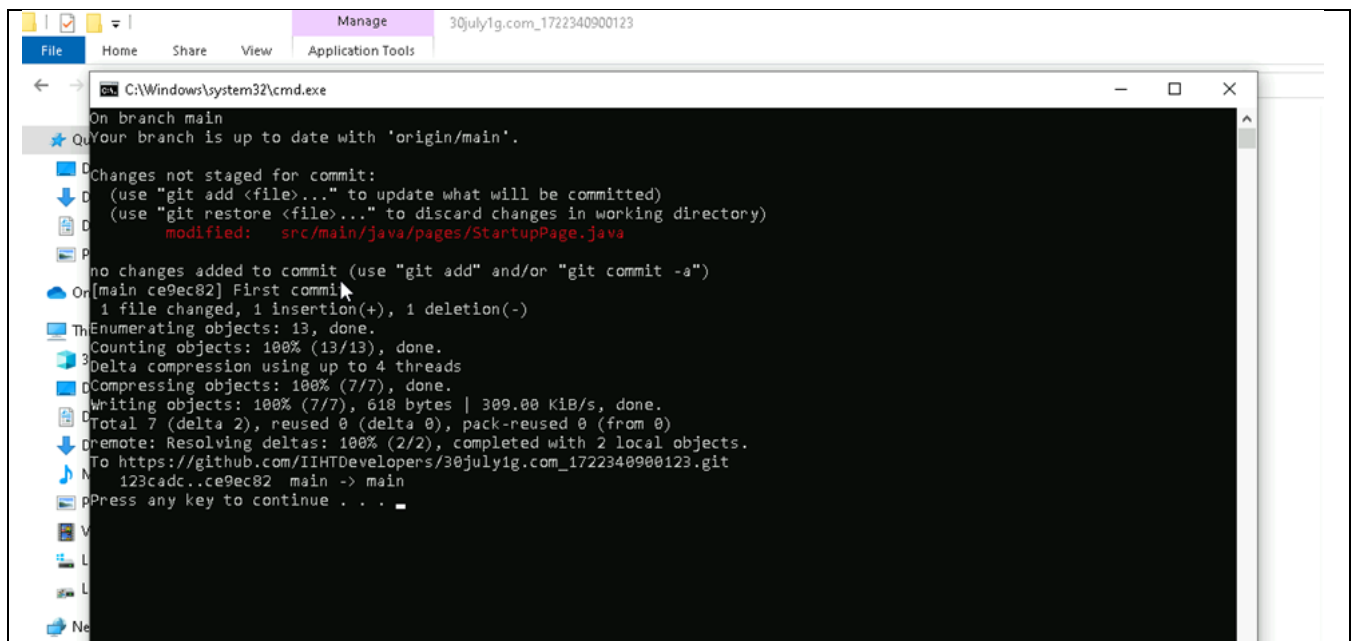
3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:



In your project folder, you will find a batch file named git\_commands

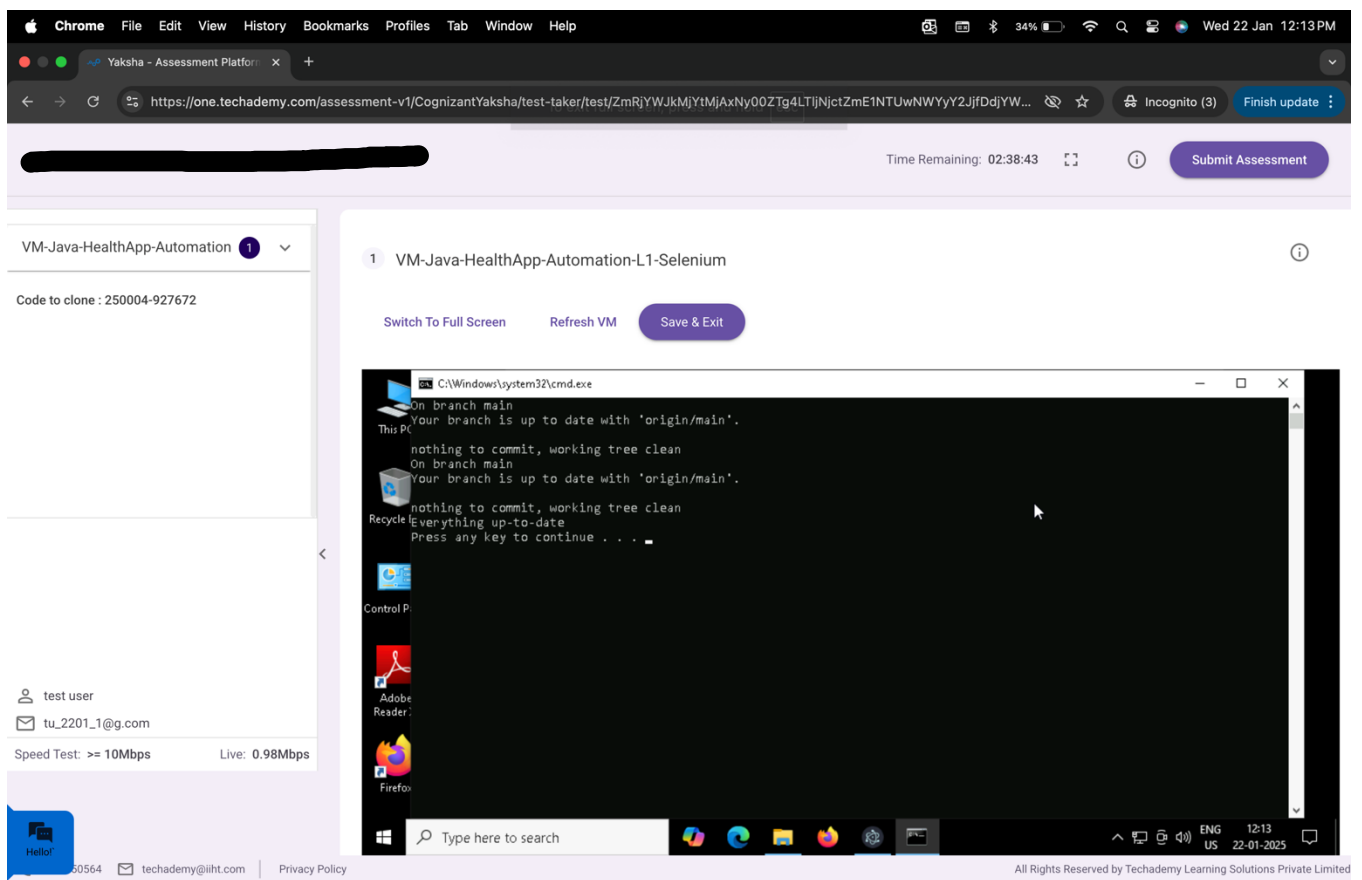


Double-click the batch file to run it. It will run the commands to push your code to GIT.



Once the code is pushed to git, you can go for the final submission of the assessment.

- Press escape to come out of Fullscreen mode.
- Submit the assessment.



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

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## All the Best