

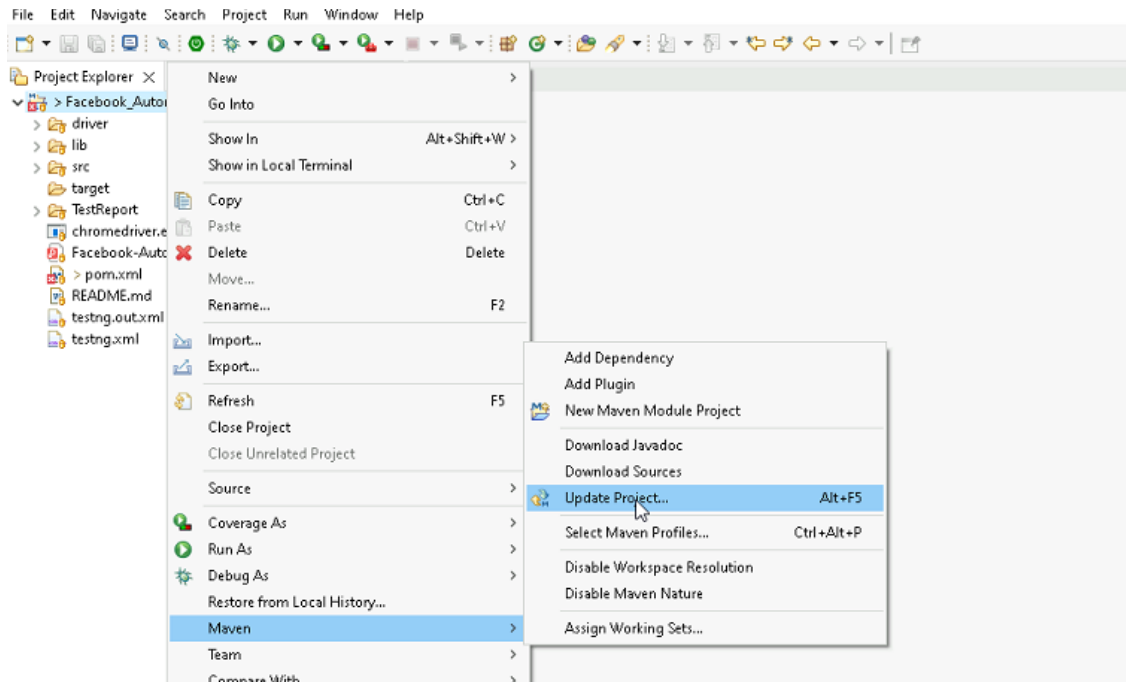
# HEALTHAPP AUTOMATION

## SOCIAL SERVICE MODULE-PL1

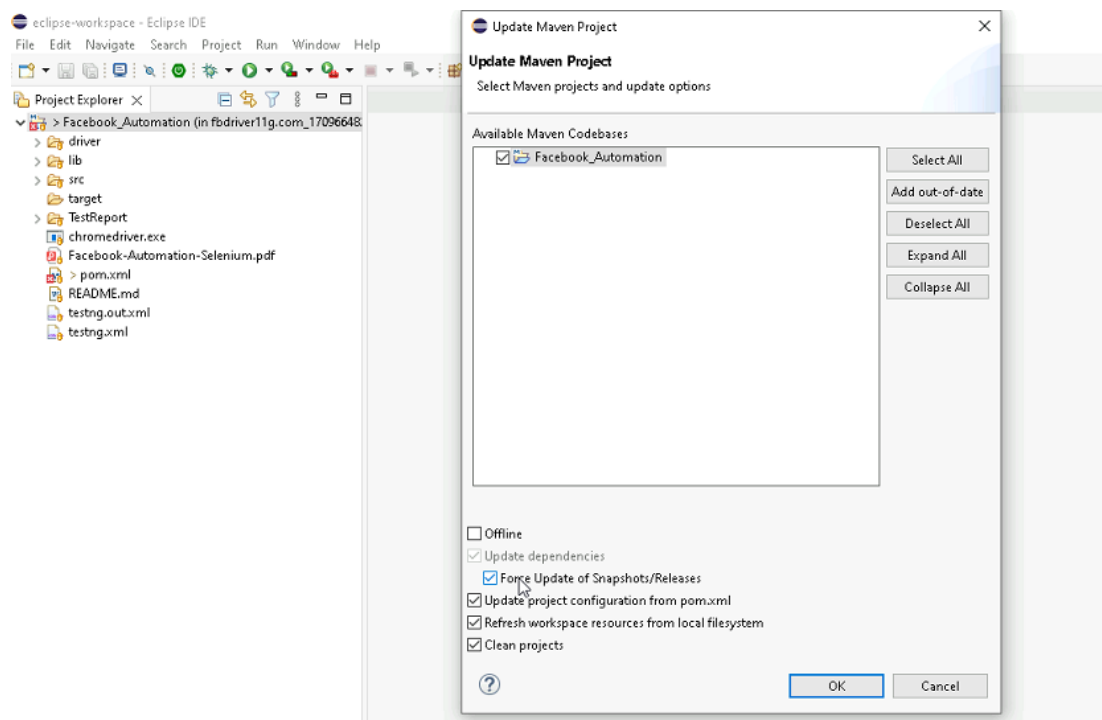
## Pre-requisite:

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” and 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/utls/	FileOperations.java	<b>The method for reading data as input from an Excel file have already been implemented here.</b>  <b>This method is used to fetch the required data from excel including the URL for navigation.</b>
/src/main/java/pages	socialService_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/utls	CommonEvents.java	<ol style="list-style-type: none"><li>1. Contains all common activities.</li><li>2. Certain templated common method declared here.</li><li>3. You implement them as per your need.</li><li>4. You can add any additional method for common activity here</li></ol>
	Testng.xml	Execution needs to kick started from TestNG xml

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## PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

## Key Activities to implement:

SNo.	Summary	Action	Expected Result
1	Verify the title and URL of the current 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	Verify the Presence of SocialService Module.	<b>Precondition:</b> user must be logged in.  <b>Test Steps (For Navigation purpose only):</b> 1. Navigate to <b>SocialService</b> module present in left navigation panel. 2. Click on the <b>SocialService</b> Module.	User successfully navigate to the <b>SocialService</b> page.
3	Verify that <b>Register New SSU Patient</b> button is present inside the SocialService page and when we click on "Register New SSU Patient" button , it popup "New SSU Patient Registration" form.	<b>Precondition:</b> User must be logged in and should be on SocialService page.  <b>Test Steps :</b> 1. Find and click on "Register New SSU Patient" button.	Verify the form Name(title on top) is "New SSU Patient Registration"
4	On the "New SSU Patient Registration" form, Validate the error message shown by "Last Name" textfield after clicking the "Register" Button without filling any information in the form.	<b>Precondition:</b> User must be logged in and should be on SocialService page. "New SSU Patient Registration" form must be open.  <b>Test Steps:</b> 1. Click on "Register" button directly without fill any information in form.	After the defined actions, an error message will display under the <b>Last Name</b> textfield as " <b>Last Name is required</b> ".
5	On the "New SSU Patient Registration" form verify the presence of <b>First Name, Middle Name and Last Name textboxes</b> as well as fill the textboxes with appropriate values.	<b>Precondition:</b> User must be logged in and should be on SocialService page. "New SSU Patient Registration" form must be open.  <b>Test Steps (Use Expected_Data.xlsx to fetch the required values):</b> 1. Find the "First Name" textbox and fill the value. 2. Find the "Middle Name" textbox and fill the value. 3. Find the "Last Name" textbox and fill the value.	Verify that the First Name, Middle Name, and Last Name textboxes are present. After entering data into these fields, particularly check that the First Name is displayed accurately to confirm the form's functionality.
6	Verify the presence of "Register" button and "Close" button at the bottom of the "New SSU Patient Registration" form.	<b>Precondition:</b> User must be logged in and should be on SocialService page. "New SSU Patient Registration" form must be open.  <b>Test Steps (to Check presence of buttons):</b> 1. Scroll to the bottom of the form.	Verify that The "Register" and "Close" buttons should exist in the "New SSU Patient Registration" form.

7	Validate the presence of a warning message " <b>Membership Scheme(s) is Mandatory.</b> " in the "SSU Information" section of the "New SSU Patient Registration" form.	<b>Precondition:</b> Ensure you are on the "New SSU Patient Registration" form.  <b>Test Steps (to Check presence of Warning):</b> 1. Scroll to the bottom of the form. 2. Navigate to the "SSU Information" section within form.	Verify the Warning Message, it should be " <b>Membership Scheme(s) is Mandatory.</b> "
8	On "New SSU Patient Registration" form in the "SSU Information" section, Ensure that selecting "Yes" from the "Has target group certificate?" dropdown triggers the visibility of the "Target Group Certificate Type" and "Certificate No." textboxes.	<b>Preconditions:</b> The user is logged into the system. The user is on the "New SSU Patient Registration" form, specifically within the "SSU Information" section.  <b>Test Steps (to Check functionality):</b> 1. Navigate to the "Has target group certificate?" dropdown. 2. Select "Yes" from the dropdown options. 3. Observe the form populate "Target Group Certificate Type" and the "Certificate No." textbox. 4. Fetch the Values for both the populated fields from Expected_Data.xlsx	Verify the "Has target group certificate?" dropdown value.  2. Verify that upon selecting "Yes" from the "Has target group certificate?" dropdown, the "Target Group Certificate Type" textbox and the "Certificate No." textbox should become visible and accessible for data entry.

**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

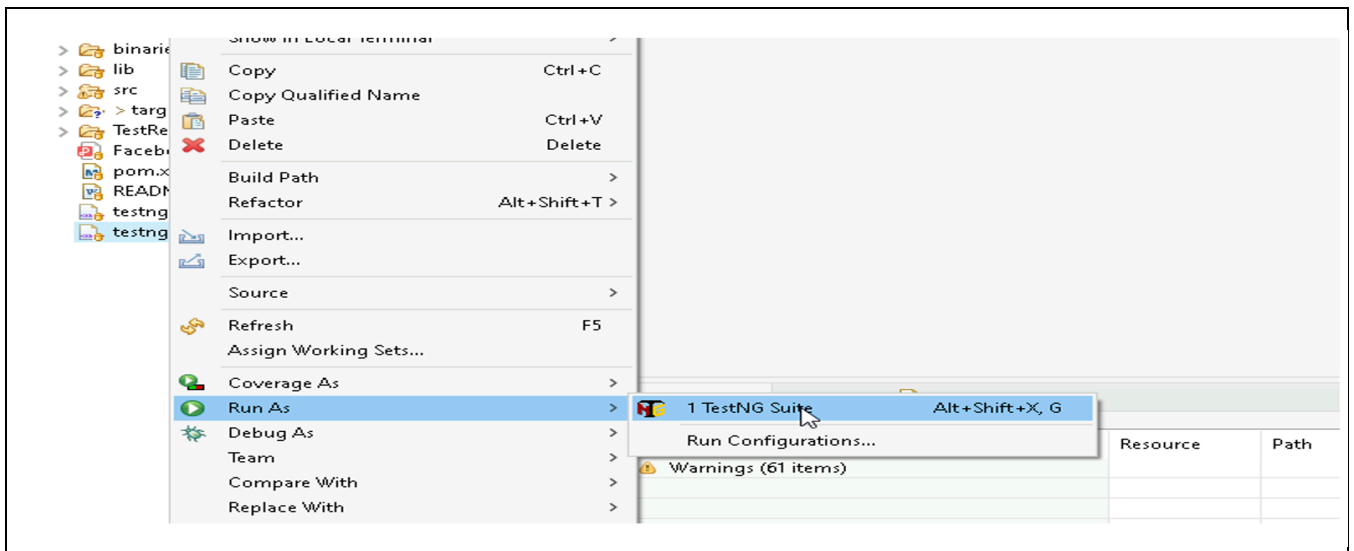
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

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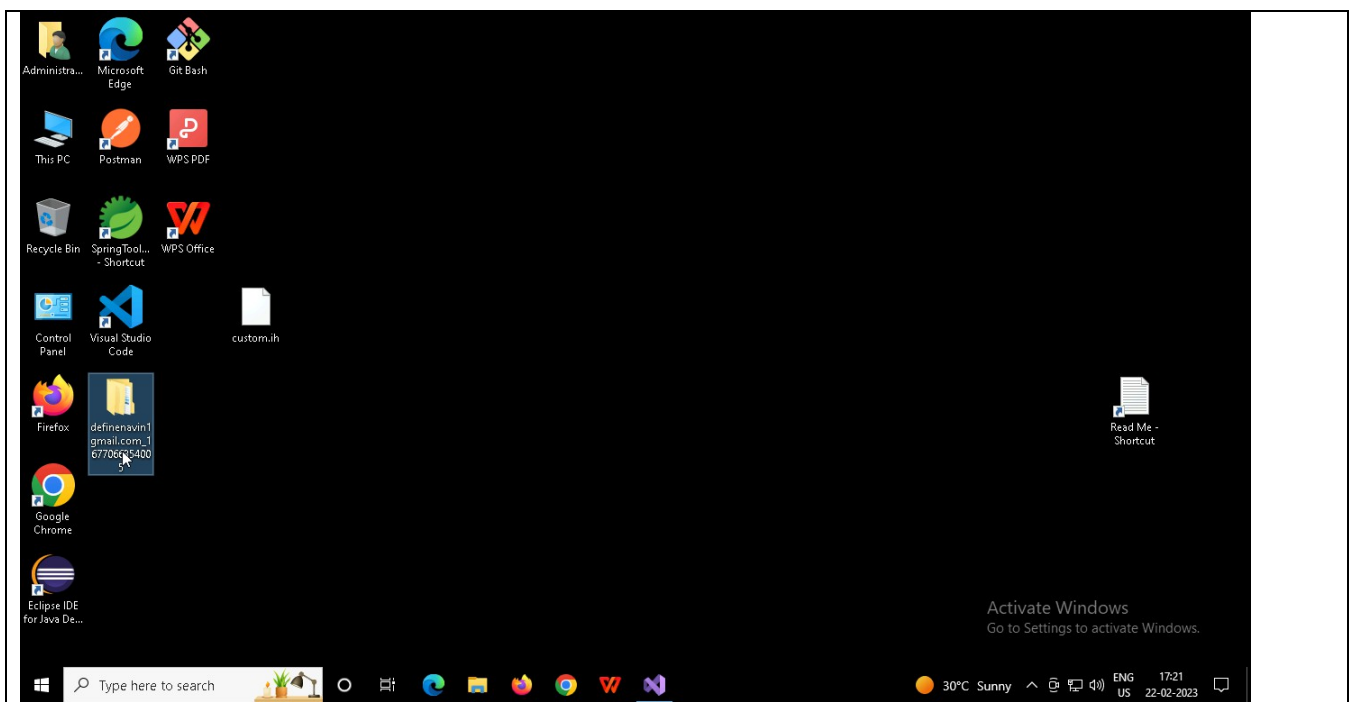
## EXECUTION STEPS TO FOLLOW

1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.

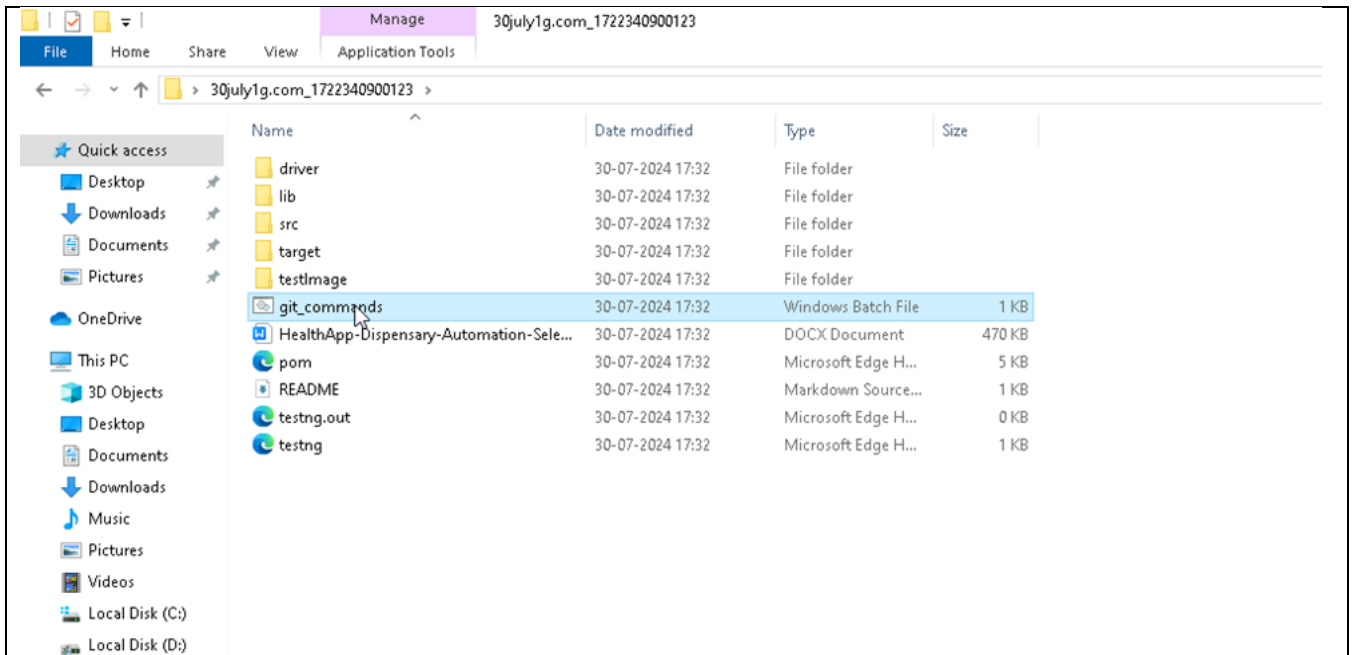
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite



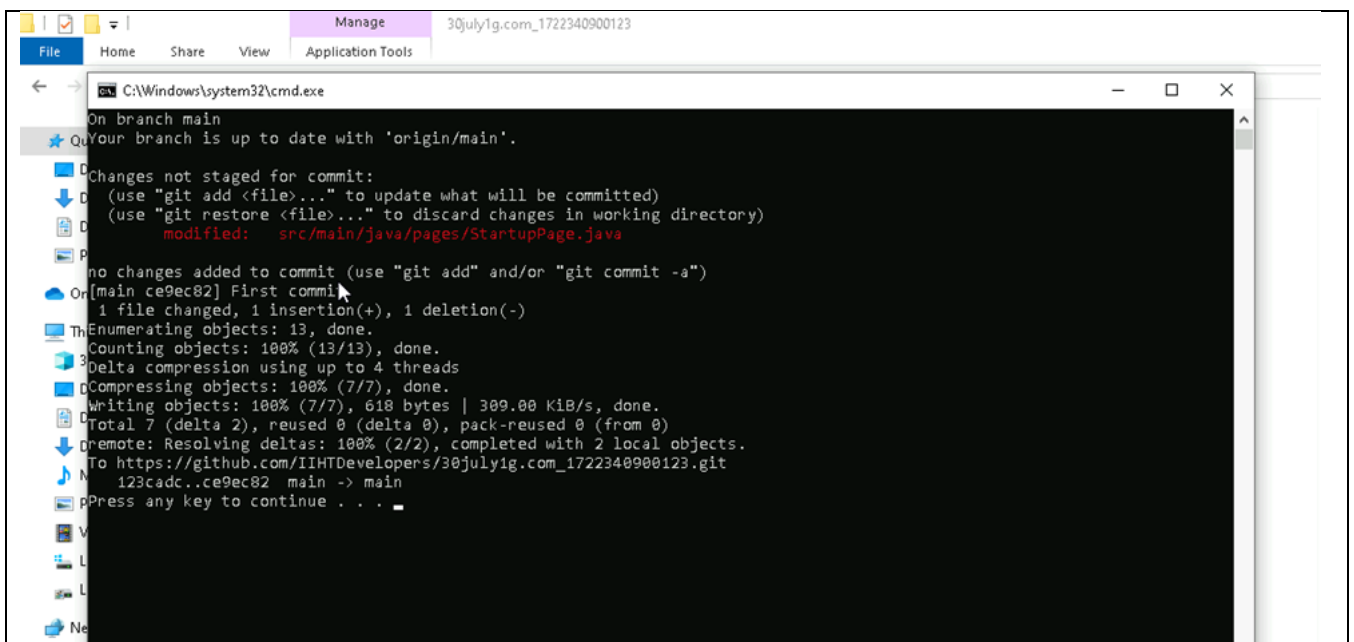
3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:



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

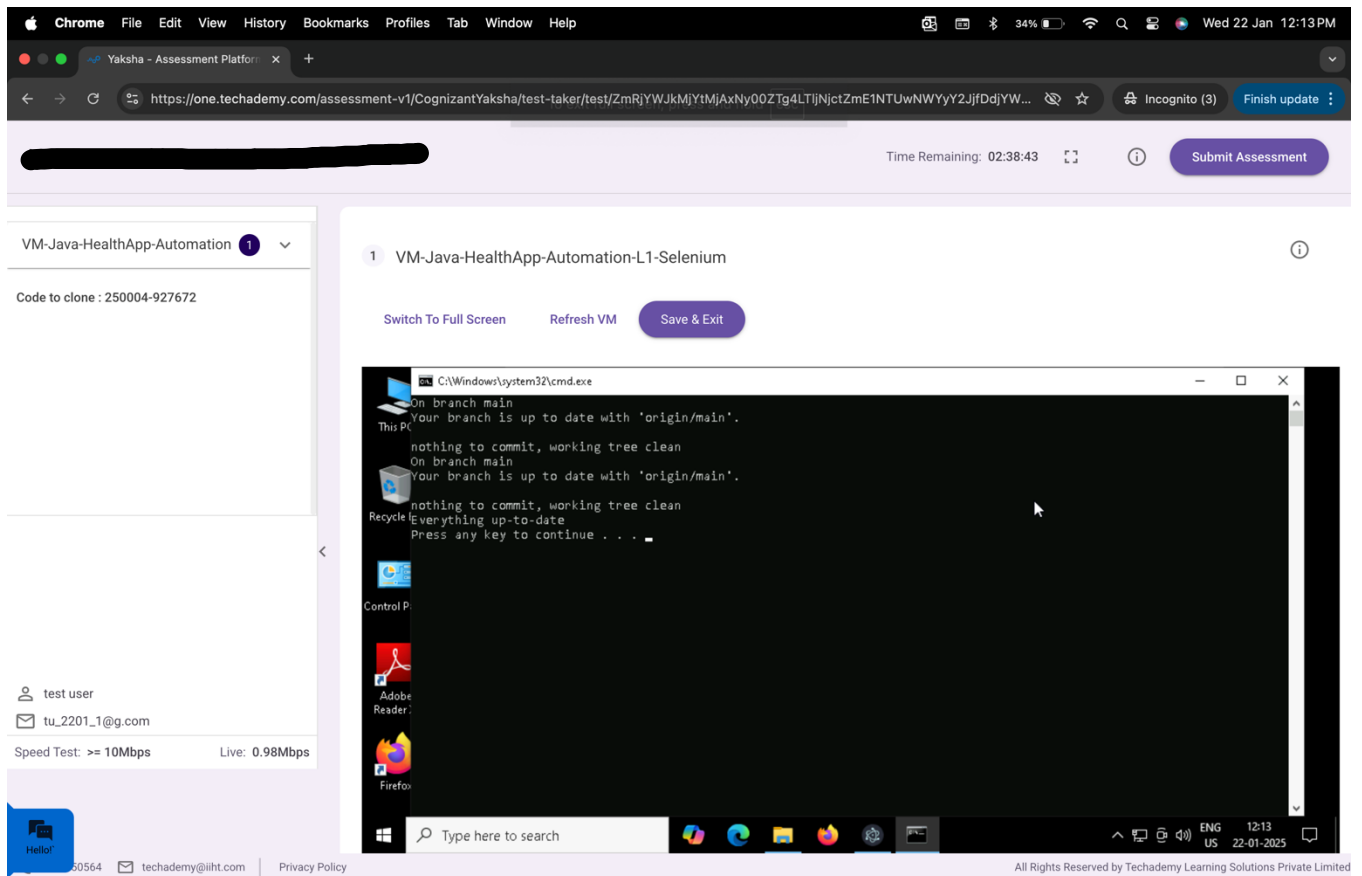


Double-click the batch file to run it. It will run the commands to push your code to GIT.



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