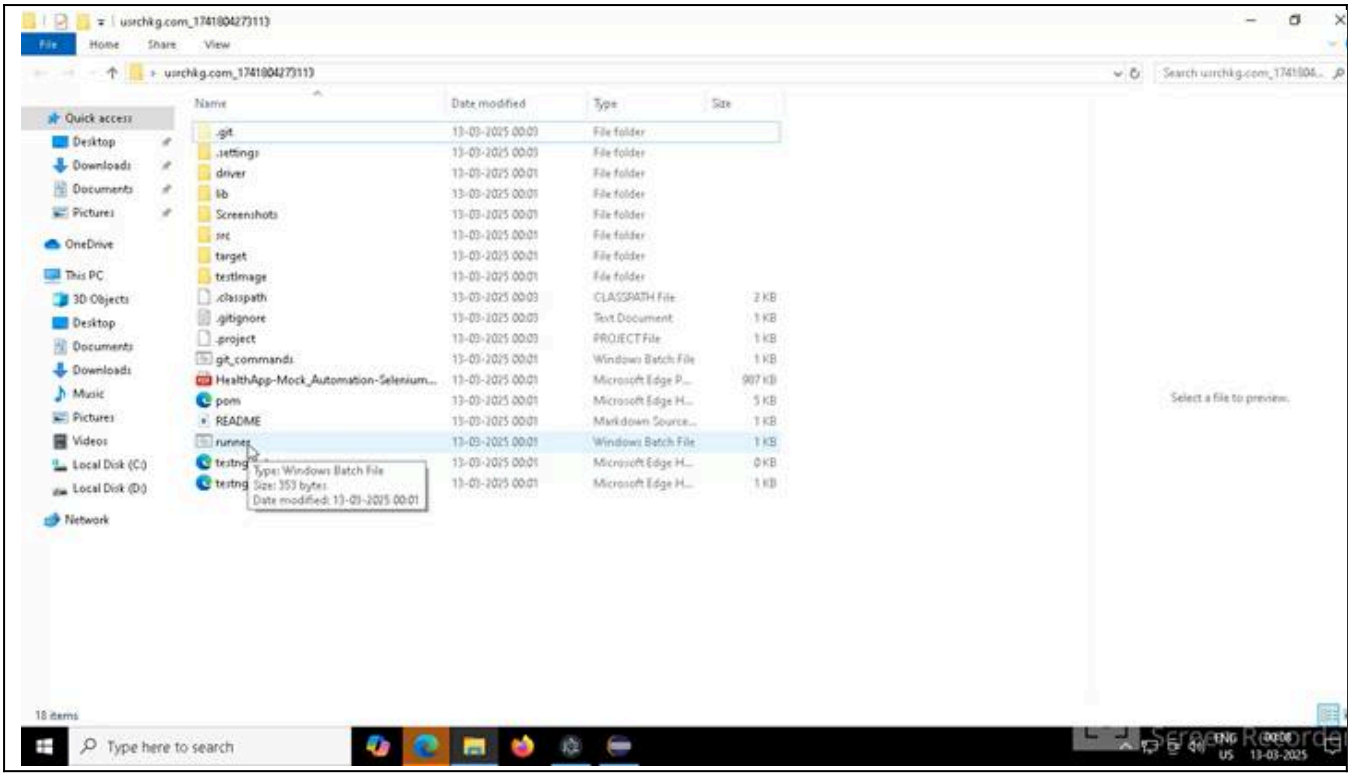
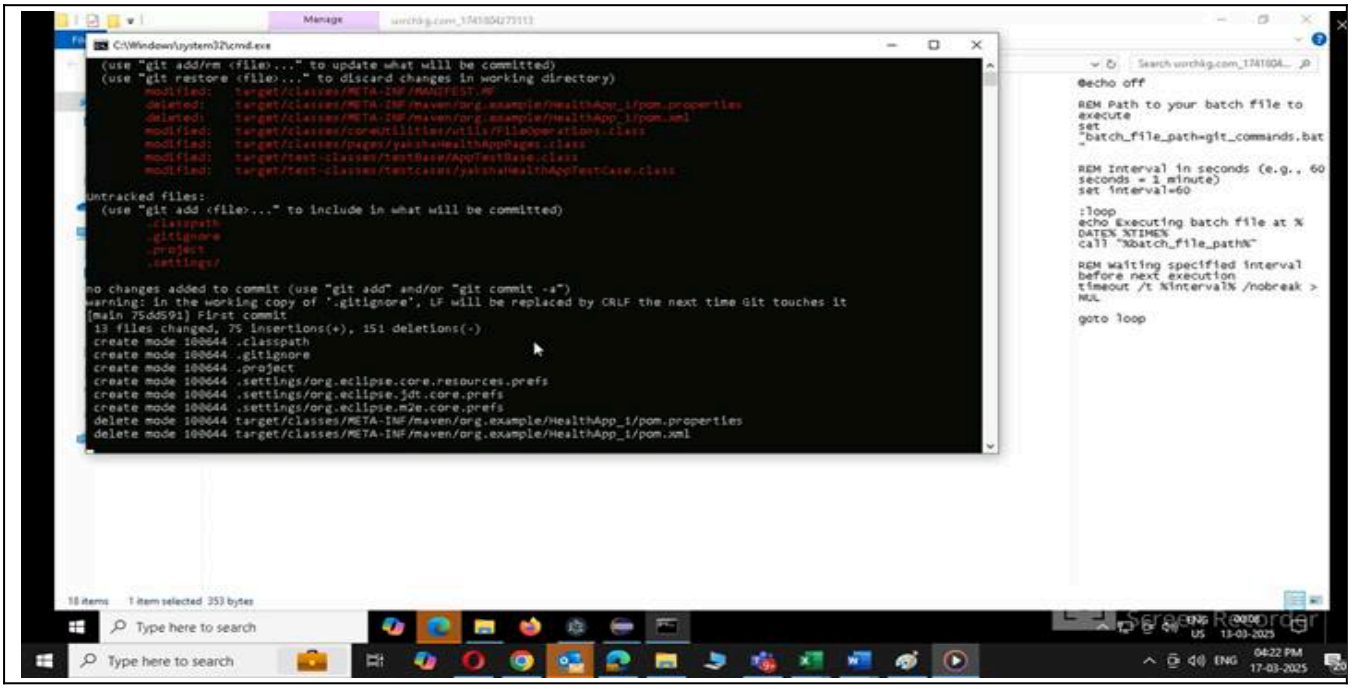
HealthApp Automation
Substore Module-PL2(9TCs)

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.

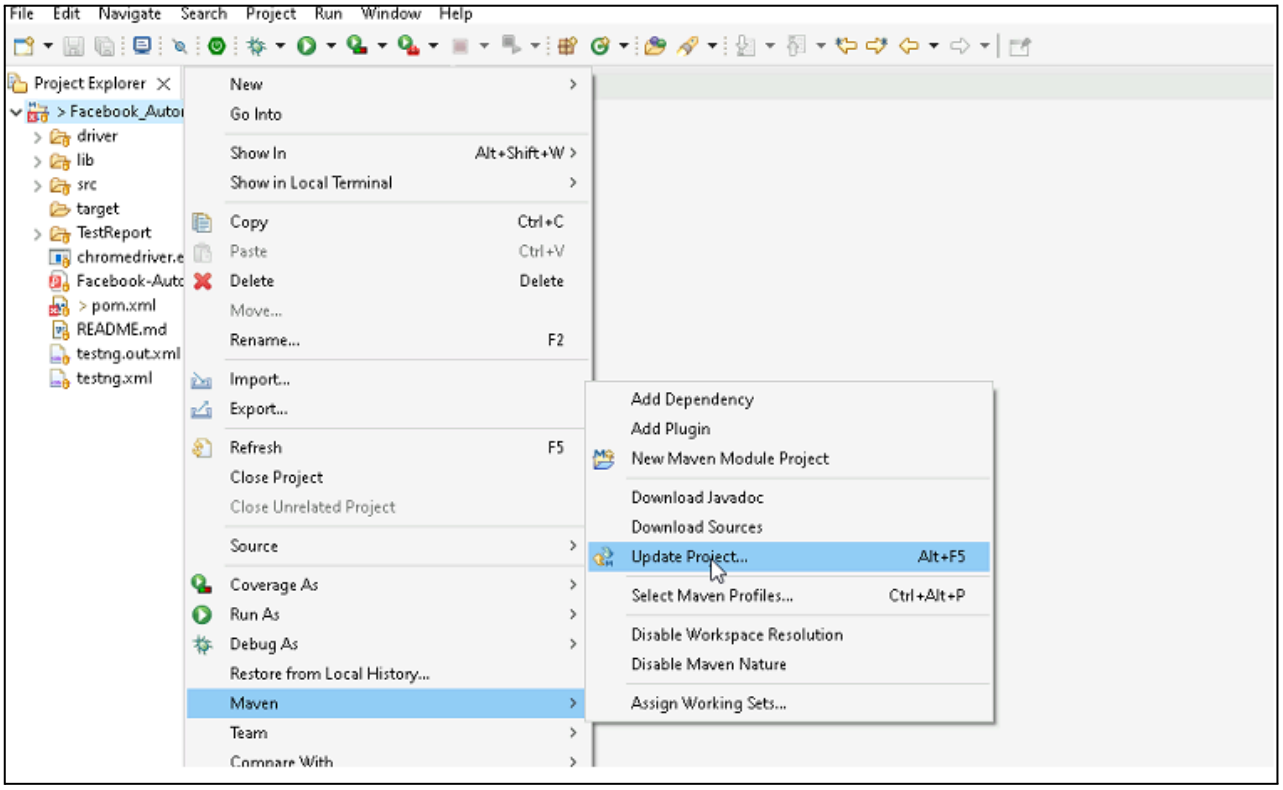


This will launch a command terminal for you where it will keep on pushing your updated code to GIT on regular intervals. Keep that command terminal open at backend and you can continue working on your project.

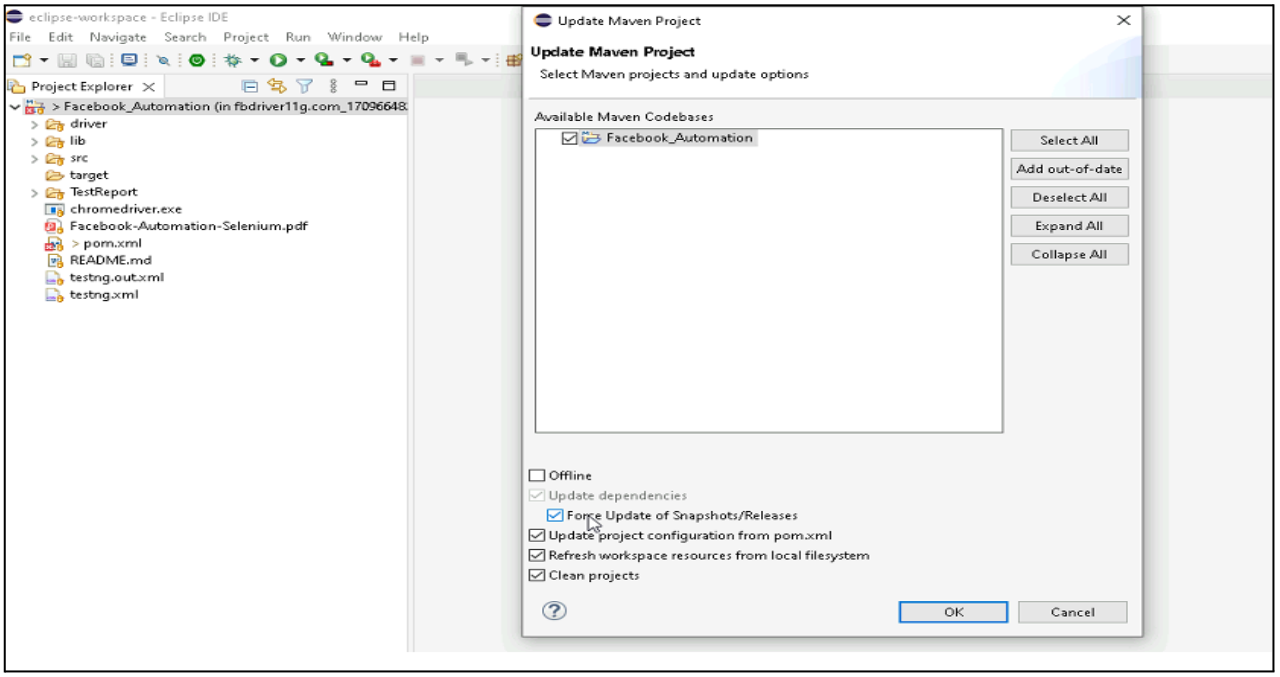


As soon as you import the project in Eclipse, update the project using the maven update option as below. This is to resolve the issue if any Maven dependency not downloaded properly:

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



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	1. It contains methods to read data from Excel files. 2. The method is in templated form. 3. You will be required to implement these methods as the very first activity, because even the URL to navigate to is read using these methods.
/src/main/java/pages	substore_page.java	1. All core activities (listed below: Key Activities to implement) must 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. Already URL is defined here
	expected_data.xlsx	Contains data to fill in forms and required fields.
/src/main/java/coreUtilities/utils	CommonEvents.java	1. Contains all common activities. 2. Certain templated common method declared here. 3. You implement them as per your need.
	Testng.xml	Execution needs to kick started from TestNG xml

		4. You can add any additional method for common activity here

PROBLEM STATEMENT:

Need to automate the following activities using Selenium + Java.

Key Activities to implement:

Sl No.	Summary	Action	Expected Result
1	Verify the SubStore module is present or not	1. go to URL : https://healthapp.yaksha.com/ 2. login as valid credential (username : admin , password : pass123) and click on "Sign in" Button 3. Scroll down menu till SubStore 4. Click on the SubStore	SubStore module should be present
2	To ensure that the "Select Your Substore" heading is displayed and all expected sub-module cards/tiles are also displayed.	Pre-condition: 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.	Verify that the tooltip text contains the following message: “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 submodules are: Pharmacy, Inventory
5	To verify that all sub-modules under the Inventory module are present and visible in the user interface.	**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. NA (Observe the sub-modules that appear under this module.)	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 and on the "Inventory" module and its respective sub-module. **Test Steps**: 1. Navigate to the 'Inventory' Submodule. 2. Navigate to 'Stock' Submodule. 3. Navigate to 'Inventory Requisition' Submodule. 4. Move to 'Consumption' Submodule. 5. Proceed to 'Reports' Submodule. 6. Navigate to 'Patient Consumption' Submodule. 7. Go to 'Return' Submodule. 8. Return to 'Stock' Submodule.	Each click should lead to the correct submodule, and the URL should update accordingly to reflect the navigation accurately.

7	Take a Screenshot of the current page	**Preconditions**: The user must be logged into the application and on the "Inventory" module and its respective sub-module. **Test Steps**: 1. Take a screenshot of the current page	A screenshot of the page should be saved under the screenshot folder.
8	Verify the presence of the Inventory Requisition section in the Inventory sub-module, with all fields.	**Preconditions**: The user must be logged into the application and on the "Inventory" module and its respective sub-module. **Test Step:** 1. Click on the "Inventory Requisition" sub-module.	Verify that each element is displayed on the page. Navigation buttons: First, Previous, Next, Last Action buttons: OK, Create Requisition Input field: Search bar Icon: Star icon Radio buttons: Pending, Complete, Cancelled, Withdrawn,
9	Creating and Verifying the "Create Requisition" button	**Preconditions**: The user must be logged into the application and on the "Inventory" module and its respective sub-module. **Test Steps:** Click on the "Create Requisition" button 3. Click on the "Target Inventory " field and select the "GENERAL-INVENTORY" option 4. Click on the "Item Category" drop-down and select the " Consumables" option 5. Enter "tissue" in the ItemName field 6. Enter the "Required Quantity" field 7. Click on the "Request" button 8. Click on the "Close" icon	The requisition should be successfully created and saved. Verify that after clicking on the "Request" button, this successful message should pop up: "success Requisition is Generated and Saved"

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 an automation script using Java and Selenium to automate all the steps in the above question. In other words, the automation script should perform all the 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

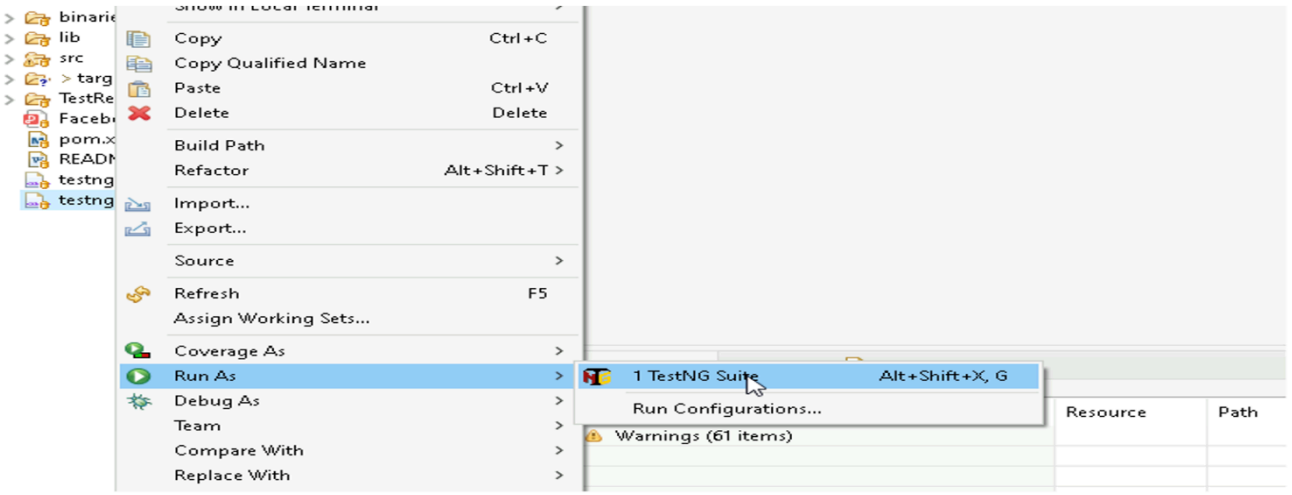
1.1 CODE QUALITY/OPTIMIZATIONS

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

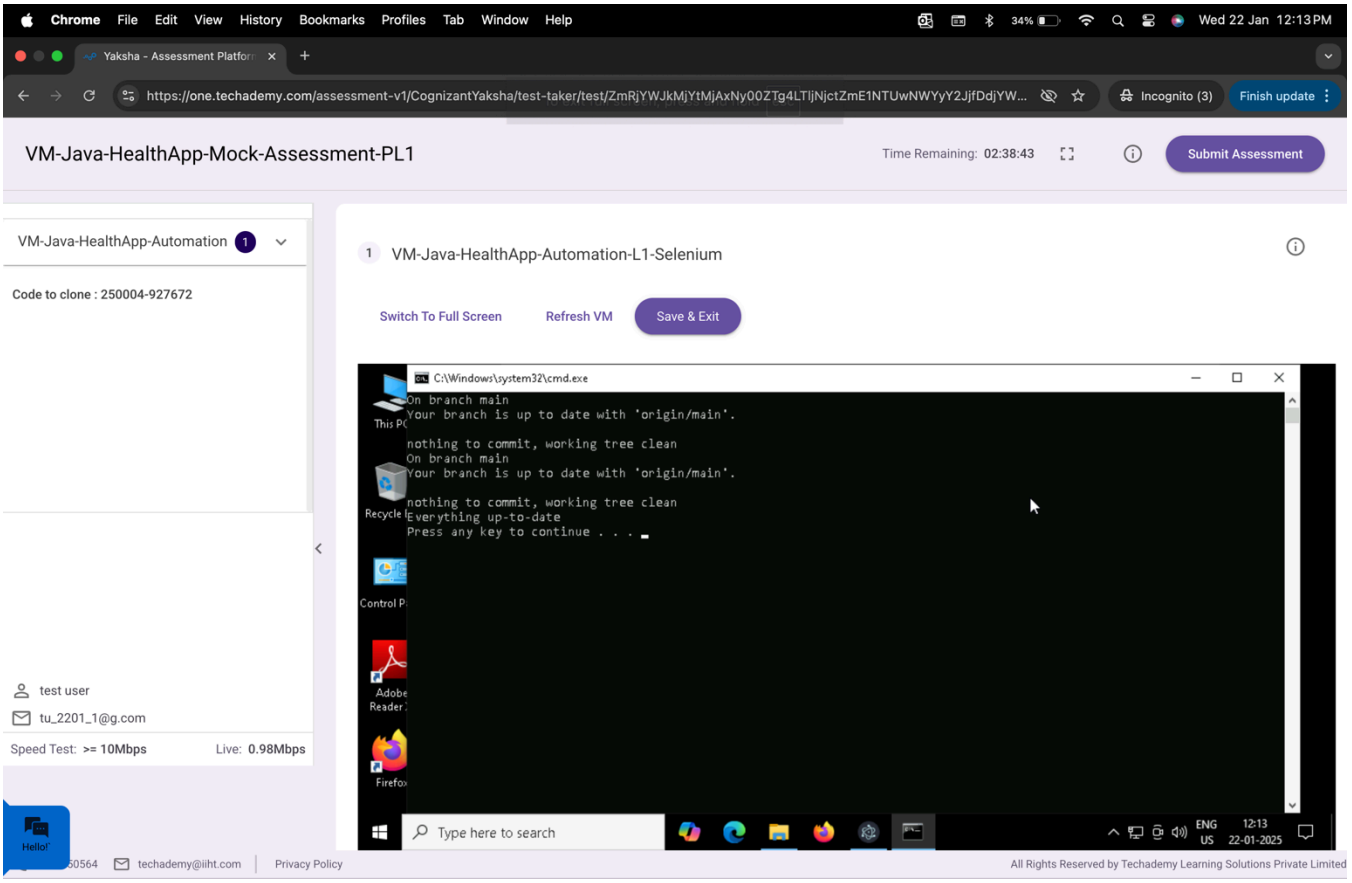
EXECUTION STEPS TO FOLLOW

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

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



0. To do the final submission of the assessment :
    a. Press escape to come out of Fullscreen mode.
    a. 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