

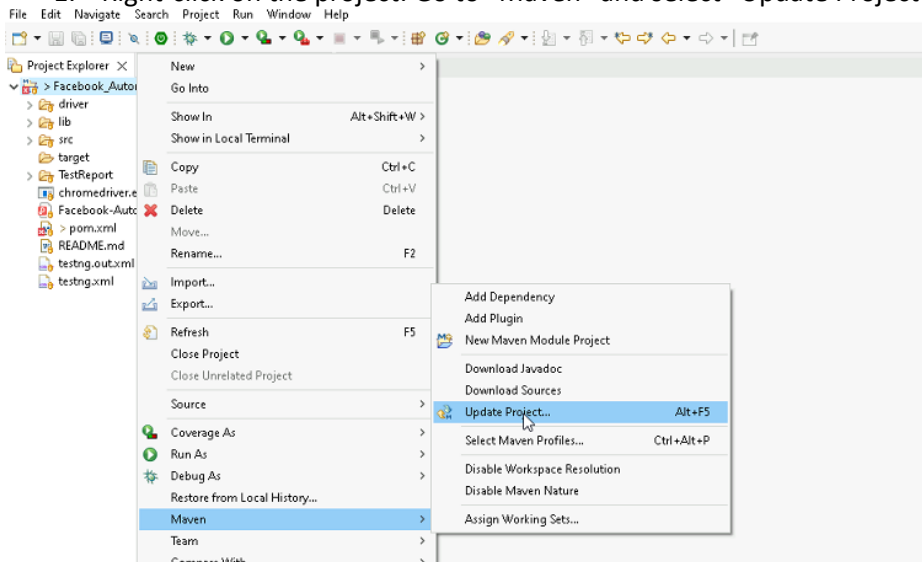
# HEALTHAPP AUTOMATION

## MOCK – PL1

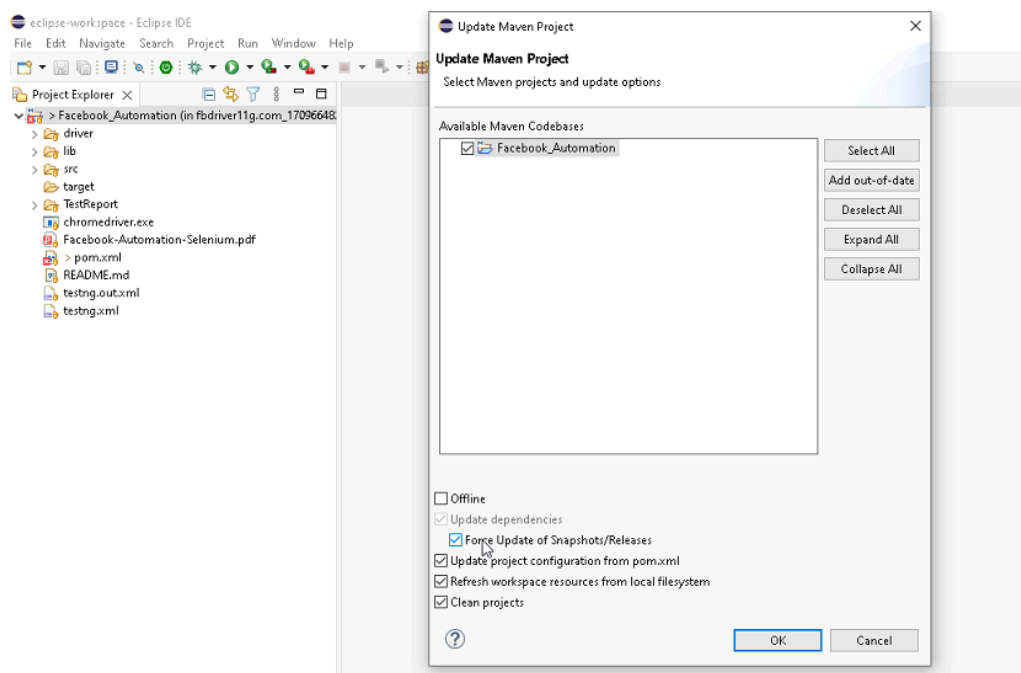
## Pre-requisite:

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 is 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:

- Below are the packages and files you will be required to work upon.
- Other Files and packages you can ignore.
- In other Files and packages do not do any changes. It would affect your evaluation.
- 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/utlis/	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	yakshaHealthAppPages.java	<ol style="list-style-type: none"><li>All core activities (mentioned in list above) to be performed here.</li><li>The comments associated with each templated method here describe the expectation.</li><li>You can define locators and xpath here.</li><li>Declare any variable/object you need to share data/status between different methods.</li><li>Do not modify the signature of methods declared here.</li><li>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/utlis	CommonEvents.java	<ol style="list-style-type: none"><li>Contains all common activities.</li><li>Certain templated common method declared here.</li><li>You implement them as per your need.</li><li>You can add any additional method for common activity here</li></ol>
	Testng.xml	Execution needs to kick started from TestNG xml

### PROBLEM STATEMENT

We need to automate the following activities using Selenium + Java.

Login A  
Health App Automation

## Key Activities to implement:

#	Summary	Action	Expected Result
1	Verify the title and URL of the current page.	<b>Test Steps:</b> 1. go to URL : <a href="https://healthapp.yaksha.com/">https://healthapp.yaksha.com/</a> 2. login as valid credential (username : admin , password : pass123) 3. click on "SignIn" Button	1. get the title and URL of the current page. Title should be: DanpheHealth 2. validate the title and url of the current page. Url should be : <a href="https://healthapp.yaksha.com/Home/Index#/">https://healthapp.yaksha.com/Home/Index#/</a>
2	Verify pop up and proceed to the next page in the new 1 counter page.	<b>Precondition:</b> User must be logged in.  <b>Test Steps:</b> 1. Click on Billing tab 2. Let "Select Counter" popup. 3. Click on "New 1" Counter.	Verify "Search patient" page should be present.
3	Perform the keyboard operation to open the popup and verify that the popup is displayed or not.	<b>Precondition:</b> User must be logged in and should be on "Search Patient".  <b>Test Steps:</b> 1. Click on the blank space below the "Search OPD Patients" section 2. Hit "Alt + N" through keyboard to open the add new patient popup.	Verify the form should popup with "Add New Patient" as main title of the form.
4	First Name, Middle Name, Last Name, Age and Contact Number text fields are present inside the Add New Patient form.	<b>Precondition:</b> User must be logged in and should be on "Search Patient" Module.  "Add New Patient" form should be open.	Validate Whether the following fields are displayed in the add new form: "First Name", "Middle Name", "Last Name", "Age" and "Contact number"
5	Enter the values from the Expected_Data.xlsx and validate the values are getting populated correctly.	<b>Precondition:</b> User must be logged in and should be on "Search Patient". "Add New Patient" form should be open.  <b>Test Steps (for data entry only) : Fetch the following values from expected_data.xlsx Test</b> 1. Fetch and enter value in the First Name Field. 2. Fetch and enter value in the Middle Name Field. 3. Fetch and enter value in the Last Name Field. 4. Fetch and enter value in the Age Field. 5. Fetch and enter value in the Contact Number Field.	Validate the Values entered in First Name, Middle Name, Last name, Age and Contact number text field as per Expected_Data.xlsx.
6	Simply select India from the country dropdown menu and validate India is selected or not.	<b>Precondition:</b> User must be logged in and should be on "Search Patient". "Add New Patient" form should be open.  <b>Test Steps:</b> 1. Select country as India in the country dropdown.	Verify that User should be able to select India as country from the country dropdown menu.
7	Open a new instance of "Add New Patient" and press the Register and Billing button without filling any data to display the error message and verify message.	<b>Precondition:</b> User must be logged in and should be on "Search Patient". "Add New Patient" form should be open.  <b>Test Steps:</b> 1. Close the previously filled "Add New Patient" form. 2. Open a new instance of "Add New Patient" form by clicking on Alt+N button. 3. do not fill any data and Click on the "Register and Billing" button. 4. Click on Close button.	Verify the error message "Some of the inputs are invalid. Please check and try again. !" popup after the 3 <sup>rd</sup> test step.
8	Verify that the dispensary arrow is expanding, and submodules are being displayed.	<b>Precondition:</b> User must be logged in.  <b>Test Steps:</b> 1. Find and Click on the down arrow(Toggle key) of dispensary module. 2. Verify that the submodules are being displayed.	Dispensary arrow should expand, and submodules should be displayed.  Expected subModules are: <b>Prescription, Sale, Stock, Counter, Reports, Patient Consumption</b>

9	Verify that the dispensary arrow is minimizing properly.	<b>Precondition:</b> User must be logged in.  <b>Test Steps:</b> 1. Click on the up arrow (Toggle key) of dispensary module. 2. Verify that it minimizes properly.	Dispensary arrow should minimize to hide the displayed submodules.
10	Verify that the left navigation menu scroll bar is scrolling from Dispensary module to settings module.	<b>Precondition:</b> User must be logged in.  <b>Test Steps:</b> 1. Select the dispensary module as the first module. 2. Scroll up to settings module.	Scrolling should happen from Dispensary module to settings module.

**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 scripts 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

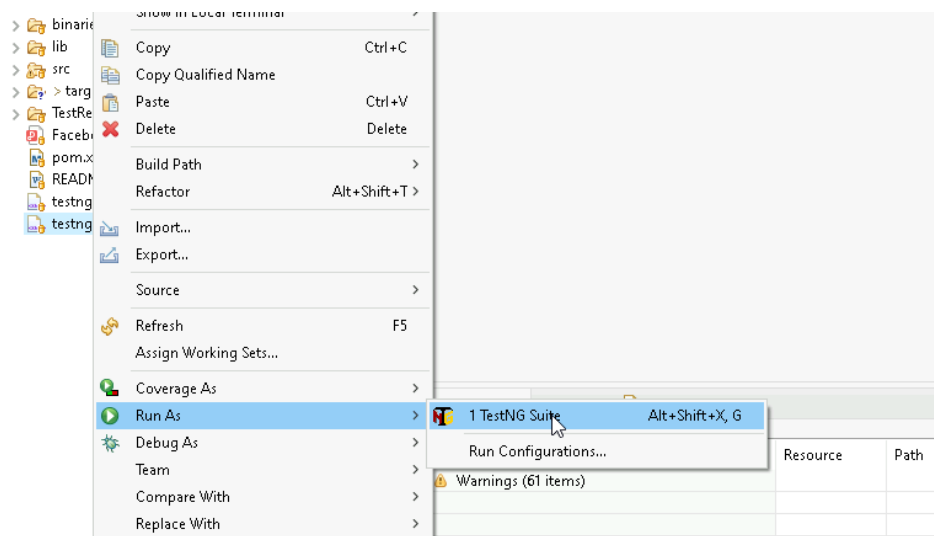
## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

### 1.1 CODE QUALITY/OPTIMIZATIONS

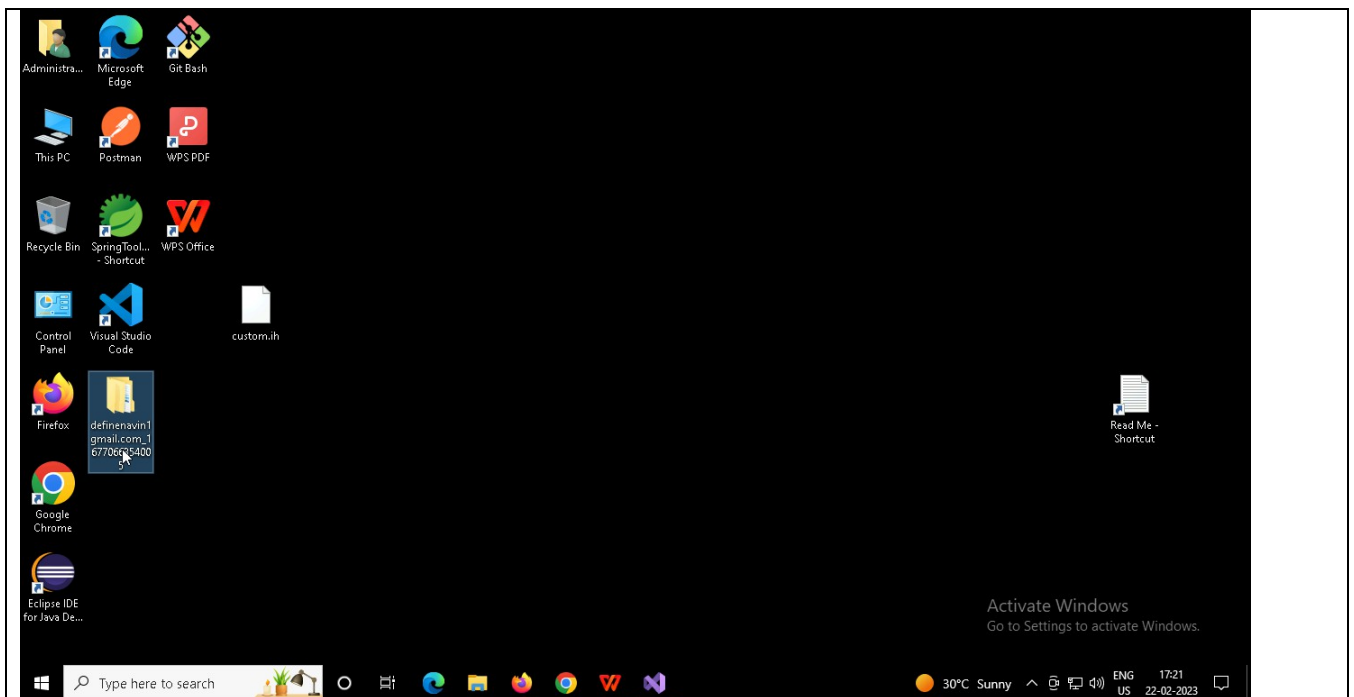
1. Associates should have written clean code that is readable.
2. Associates need to follow SOLID programming principles.

## EXECUTION STEPS TO FOLLOW

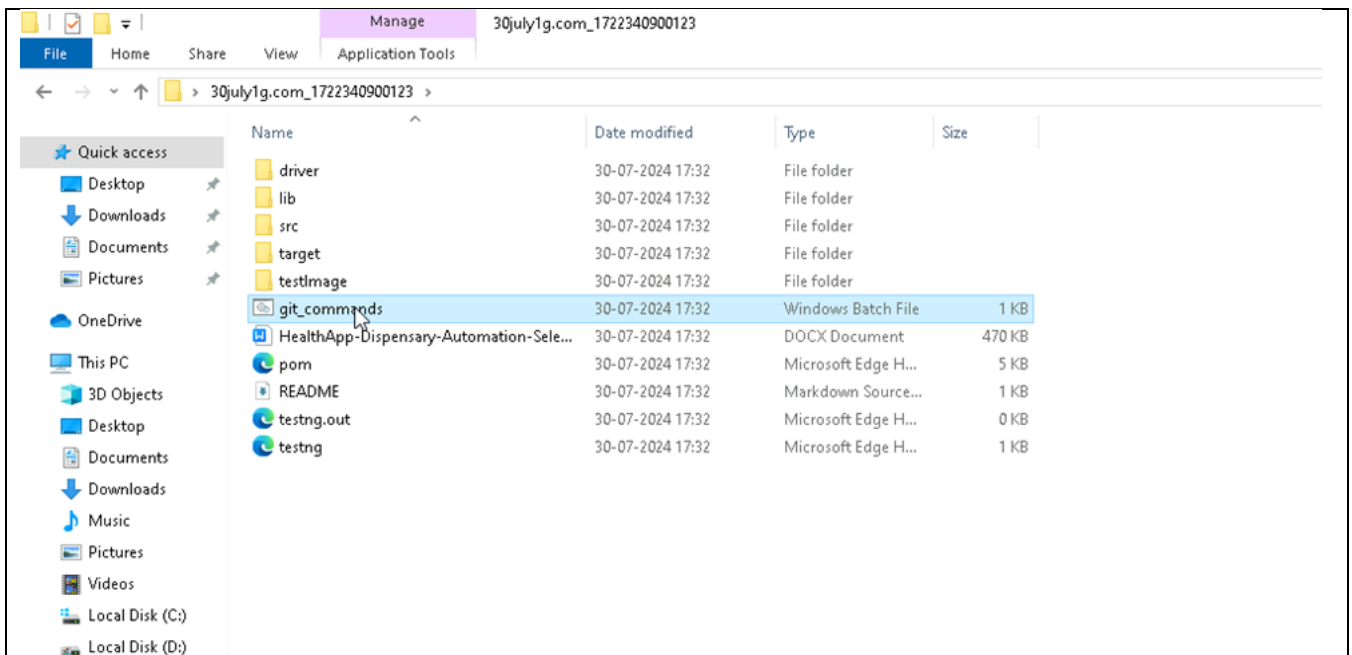
1. You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.
2. You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite



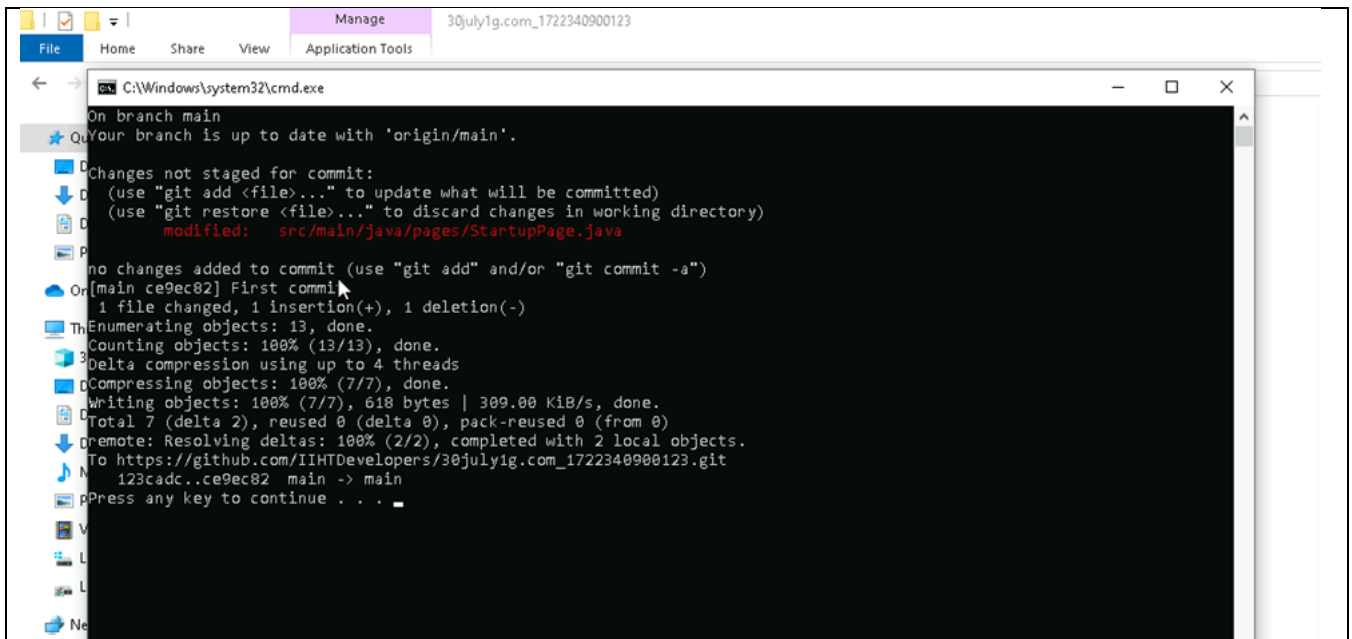
**3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**



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

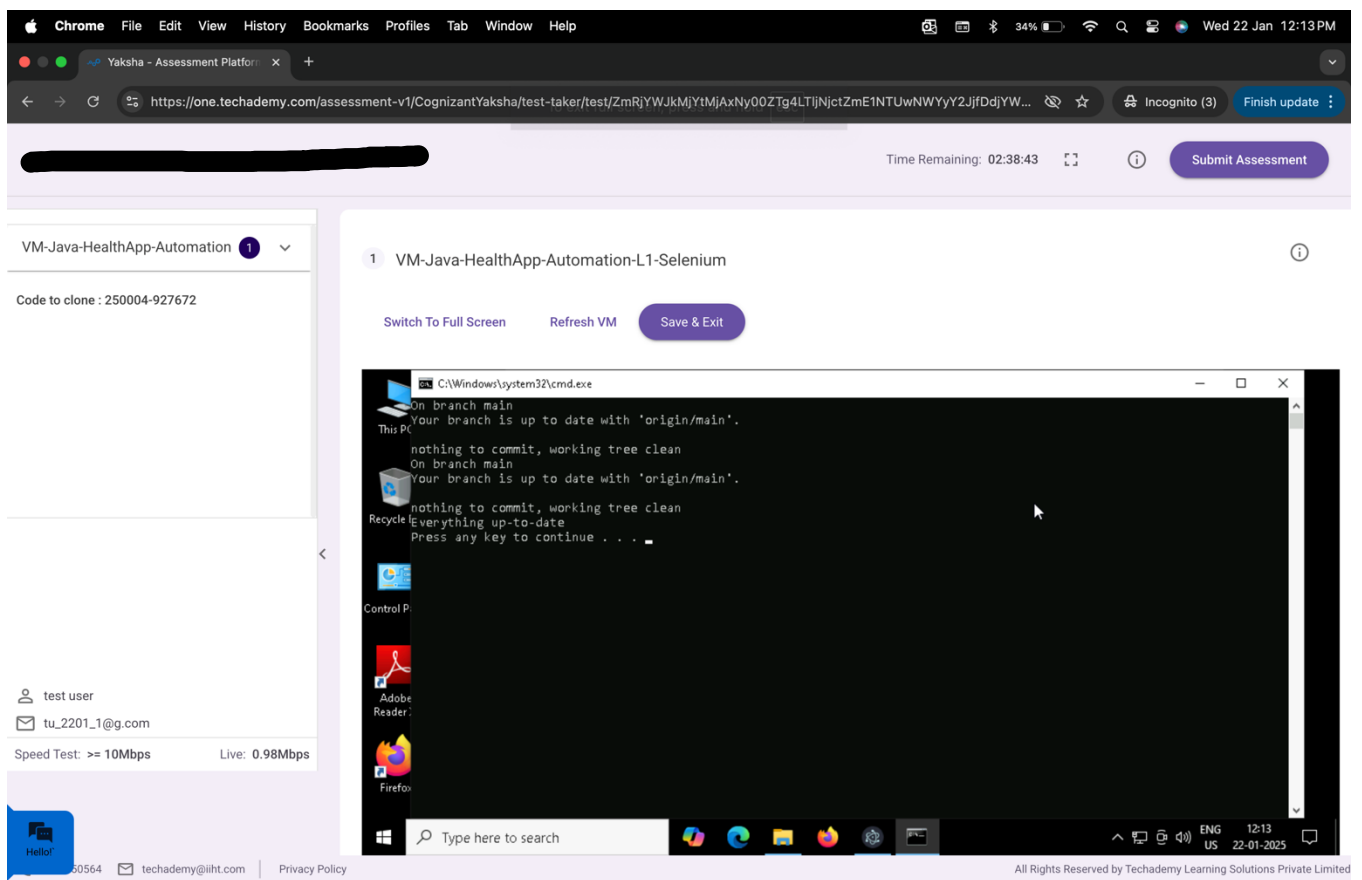


Double-click the batch file to run it. It will run the commands to push your code to GIT.



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