

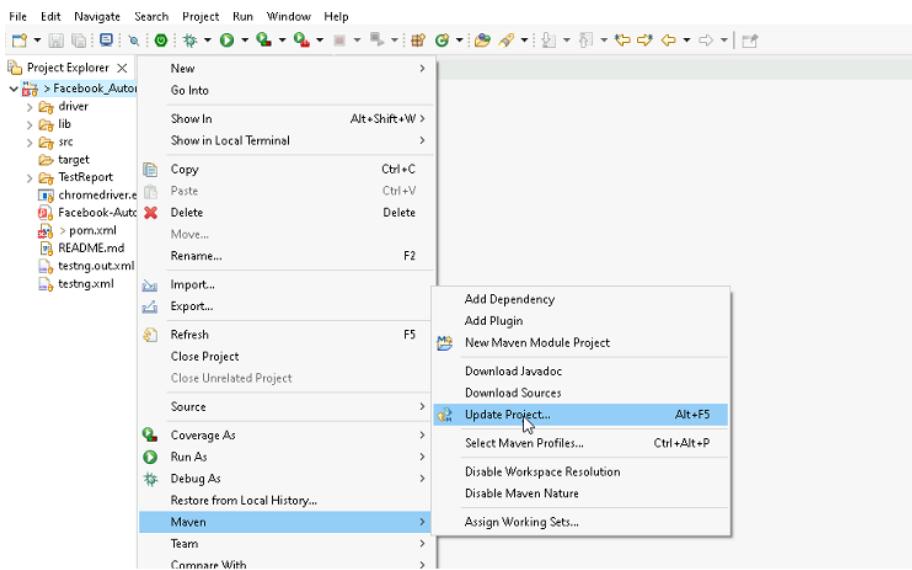
# HEALTHAPP AUTOMATION

## Mock-PL2

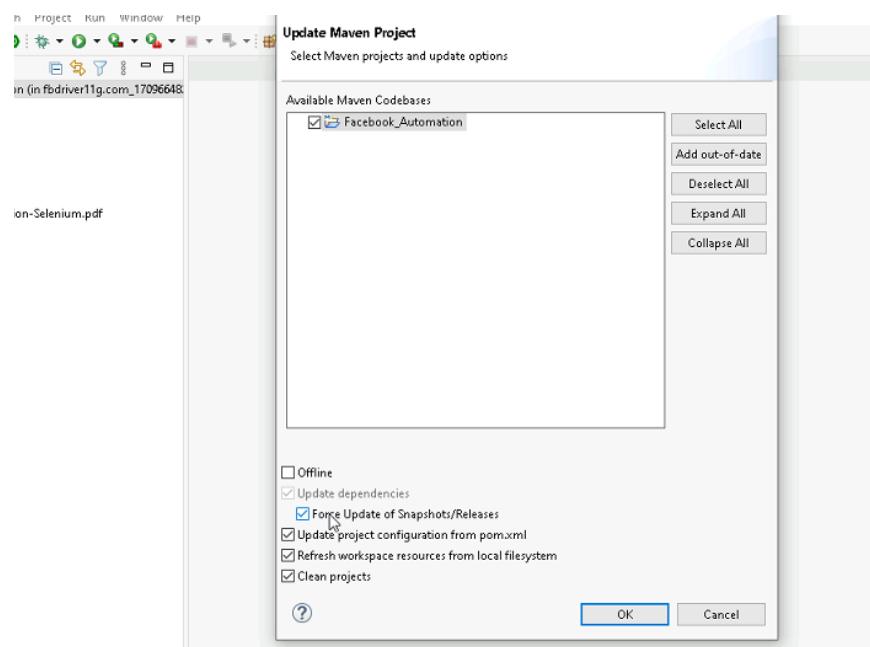
## Pre-requisite:

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:**

- 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. 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	<ul style="list-style-type: none"> <li>1. Contains methods to read from excel file.</li> <li>2. Method is in templated form.</li> <li>3. <b>You will be required to implement these methods as very first activity, because even URL to navigate to, is read using these methods.</b></li> </ul>
/src/main/java/pages	yakshaHealthAppPages.java	<ul 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> </ul>
/src/main/resources/	Config.xlsx	URL to navigate to are is defined here
	expected_data.xlsx	Contains data to fill in form
/src/main/java/coreUtilities/utils	CommonEvents.java	<ul 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> </ul>
	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:

#	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</b> , <b>password : pass123</b> ) and click on "SignIn" Button 3. get the title and URL of the current page 4. validate the title and url of the current page	Title should be : DanpheHealth 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.	1. Click on Billing tab 2. Check Select Counter popup is present. 3.Click on New 1 Counter.	Search patient page should be present.
3	Perform the keyboard operation to open the popup and verify that the popup is displayed or not.	1. Click on the blank space below the “Search OPD Patients” section 2.Click Alt + N to open the add new patient popup	Add new patient popup should come.
4	Fill the First Name, Middle Name, Last Name, Age and Contact Number text fields which are present inside the Add New Patient form.	1.Enter data in the First Name Field. 2.Enter data in the Middle Name Field. 3.Enter data in the Last Name Field. 4.Enter data in the Age Field. 5.Enter data in the Contact Number Field.	User should be able to fill the details in the respective fields.
5	Check the data which we are entered in First Name, Middle Name, Last Name, Age and Contact Number are displayed as user's input.	1.Check data entered in the First Name Field is correctly displayed. 2.Check data entered in the Middle Name Field is correctly displayed 3. Check data entered in the Last Name Field is correctly displayed 4. Check data entered in the Age Field is correctly displayed. 5.Check data entered in the Contact Number Field is correctly displayed.	The data entered should correctly displayed in First Name, Middle Name, Last Name, Age and Contact Number text fields on the page.
6	Simply select India from the <b>country</b> dropdown menu and validate India is selected or not.	Select country as India in the country dropdown.	User should be able to select any 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.	Precondition: Close the previously filled “Add New Patient” form.  1. Open a new instance of “Add New Patient” form. 1.do not fill any data and Click on the “Register and Billing” button. 2.Verify the error message. 3.Click on Close button.	Successfully verify the error message “Some of the inputs are invalid. Please check and try again !”.
8	Verify that the dispensary arrow is expanding, and submodules are being displayed.	1.Click on the down arrow of dispensary module. 2.Verify that the submodules are being displayed.	Dispensary arrow should expand, and submodules should be displayed.
9	Verify that the dispensary arrow is minimizing properly.	1.Click on the up arrow 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.	1. Select the dispensary module as the first module. 2. verify the Scrolling up to settings module.	Scrolling should happen from Dispensary module to settings module.

<b>11</b>	Search for a patient name and view the details of the selected patient.	1.Go to Ip Billing tab 2.Search “Akshit” in <b>Search OPD Patients</b> search bar 3. Select patient name from drop down. 4. Verify if the details are visible on page.	Particular patient's details should be displayed.
<b>12</b>	Taking screenshot for Doctor page.	1.Click on the Doctor module. 2.Take a screenshot of the Doctor's home page.	User should be able to take the screenshot.
<b>13</b>	Find and Click Deactivate button to manage a user or employee.	1.Go to settings module 2.Click on security 3.Select any employee and click on Deactivate button. 5.Click on Cancel in the alert popup	User should be able to Click deactivate button for a user or employee by managing the alert popup.
<b>14</b>	Verify tooltip of an element which is present inside the Appointment page.	1.Click on Appointment module. 2.Mouse hover to the Keyboard button. 3.Verify the tooltip message.	Tooltip message should be “ ALT + N = New Patient”.

**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
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## IMPLEMENTATION/FUNCTIONAL REQUIREMENT

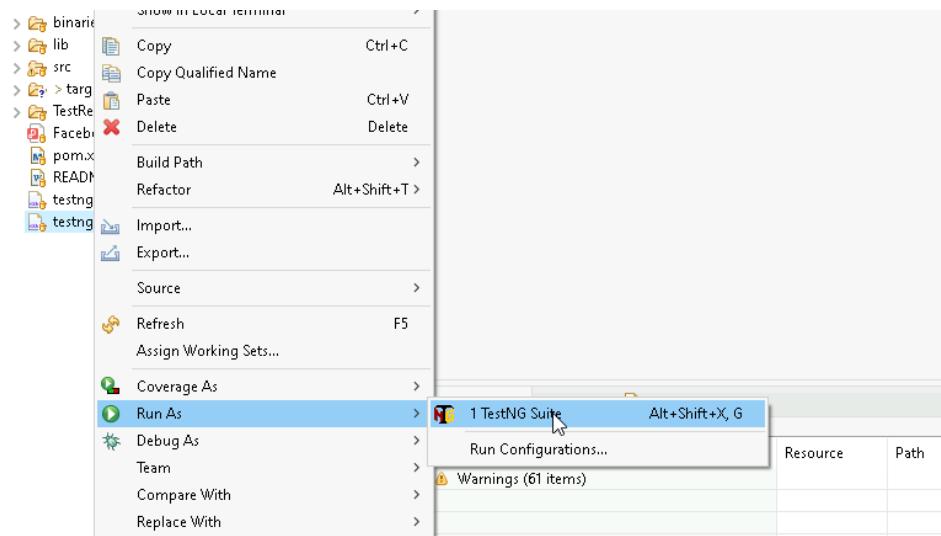
### 1.1 CODE QUALITY/OPTIMIZATIONS

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

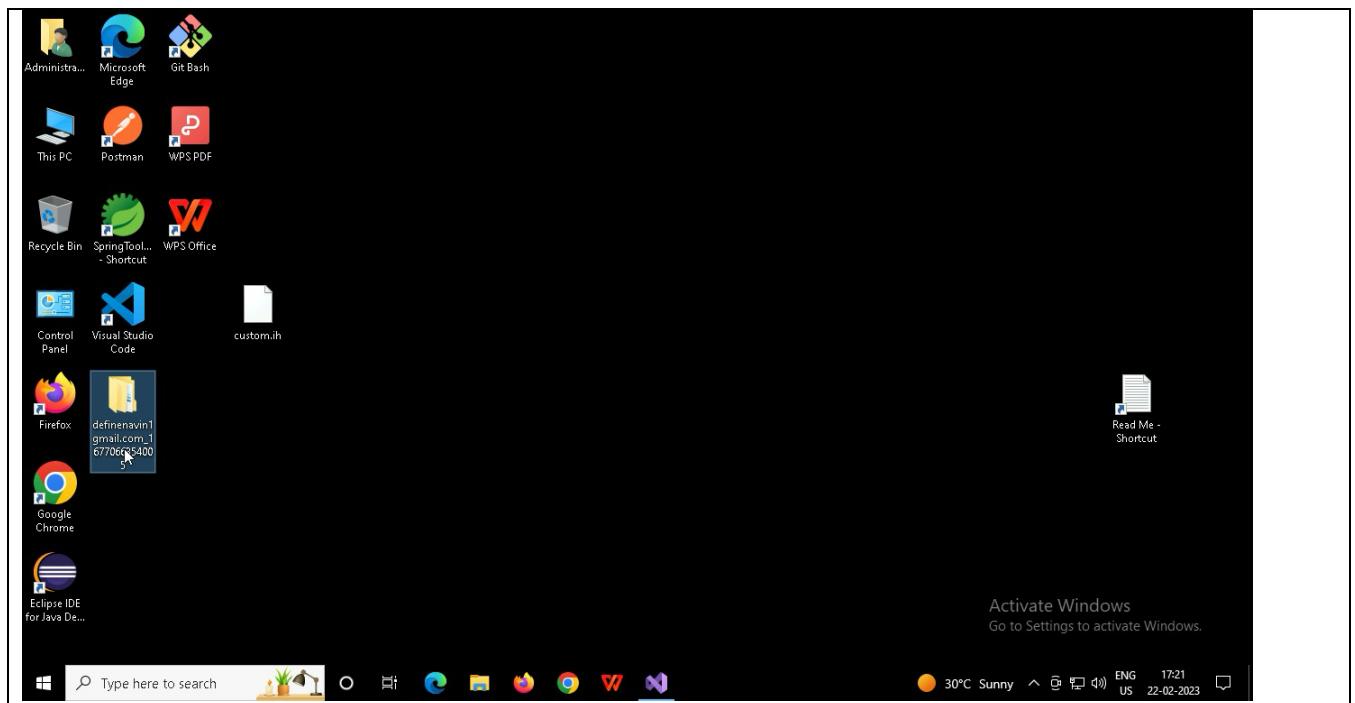
1. **You are mandatory required to run test cases for applications before final submission. Without which project evaluation will not happen.**
2. **You can launch test cases any time as follows: Right click on testng.xml and run**

## TestNGSuite

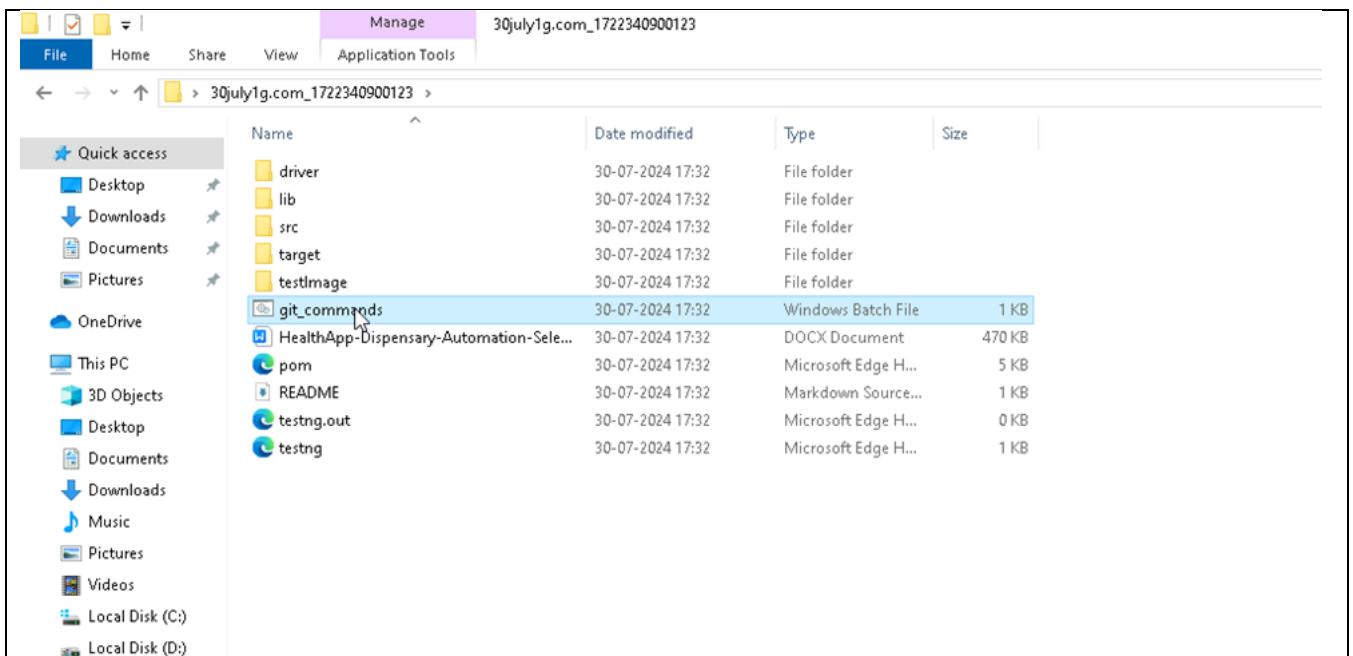


3. Before final submission, you are also required to push your code to GIT. Following are the steps to follow:

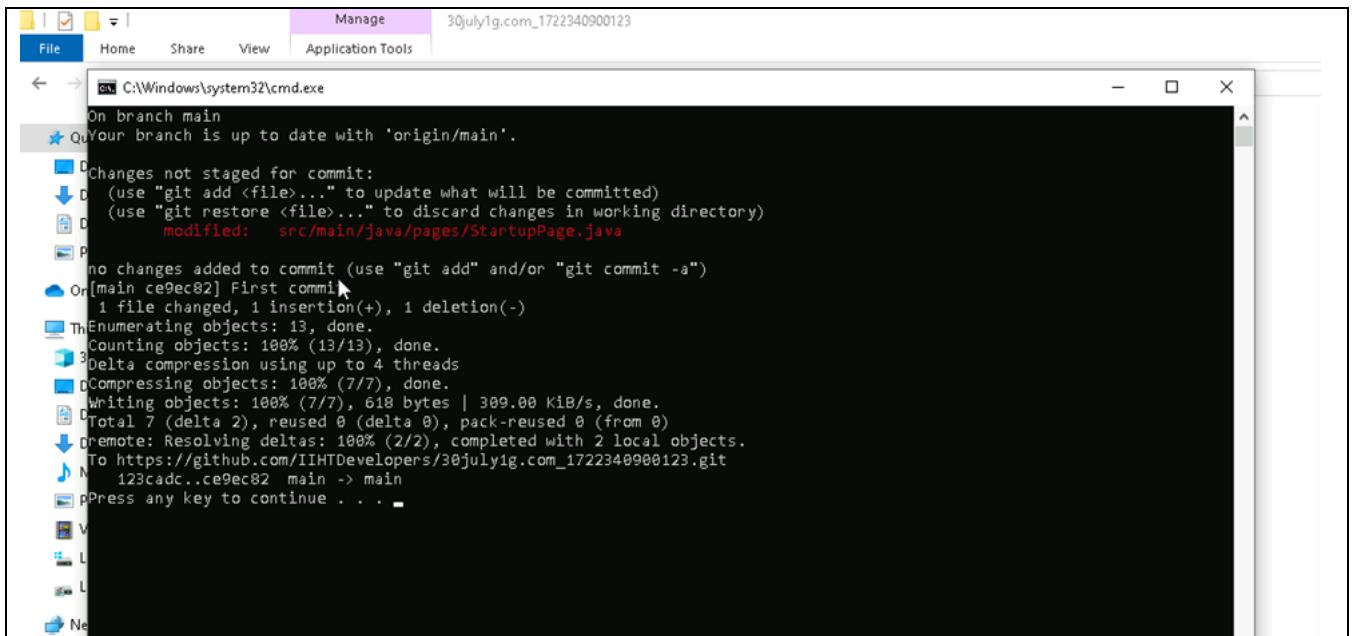
4.



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

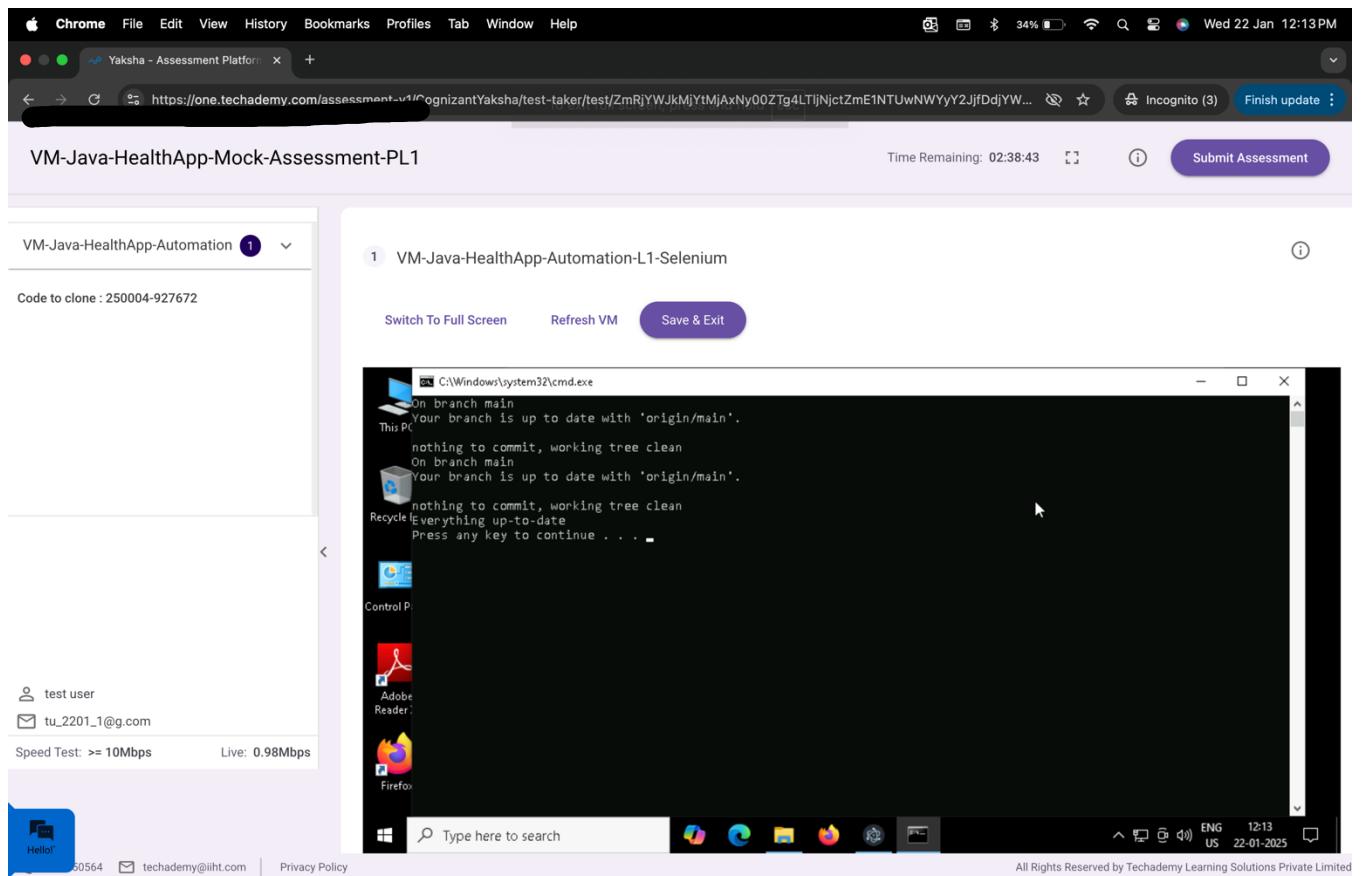


Double-click the batch file to run it. It will run the commands to push your code to GIT.



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.

All the Best