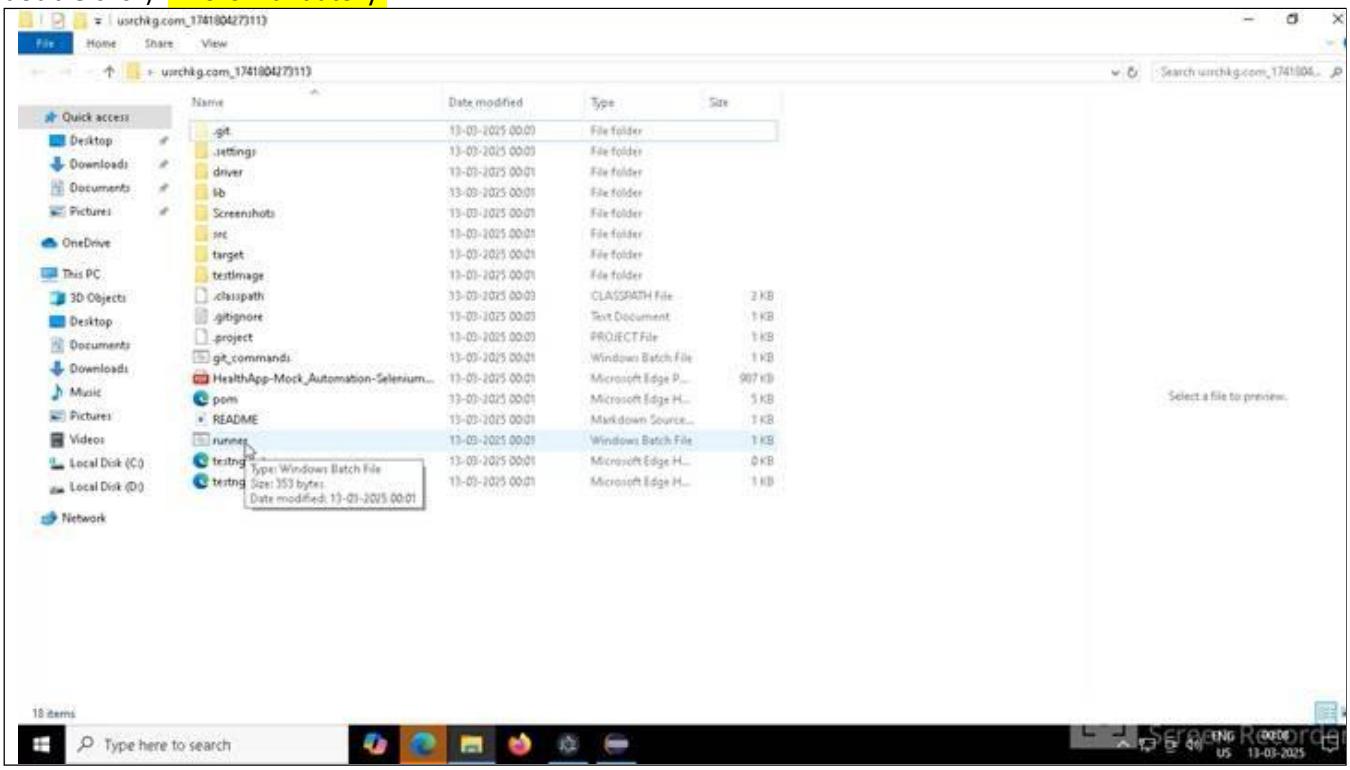
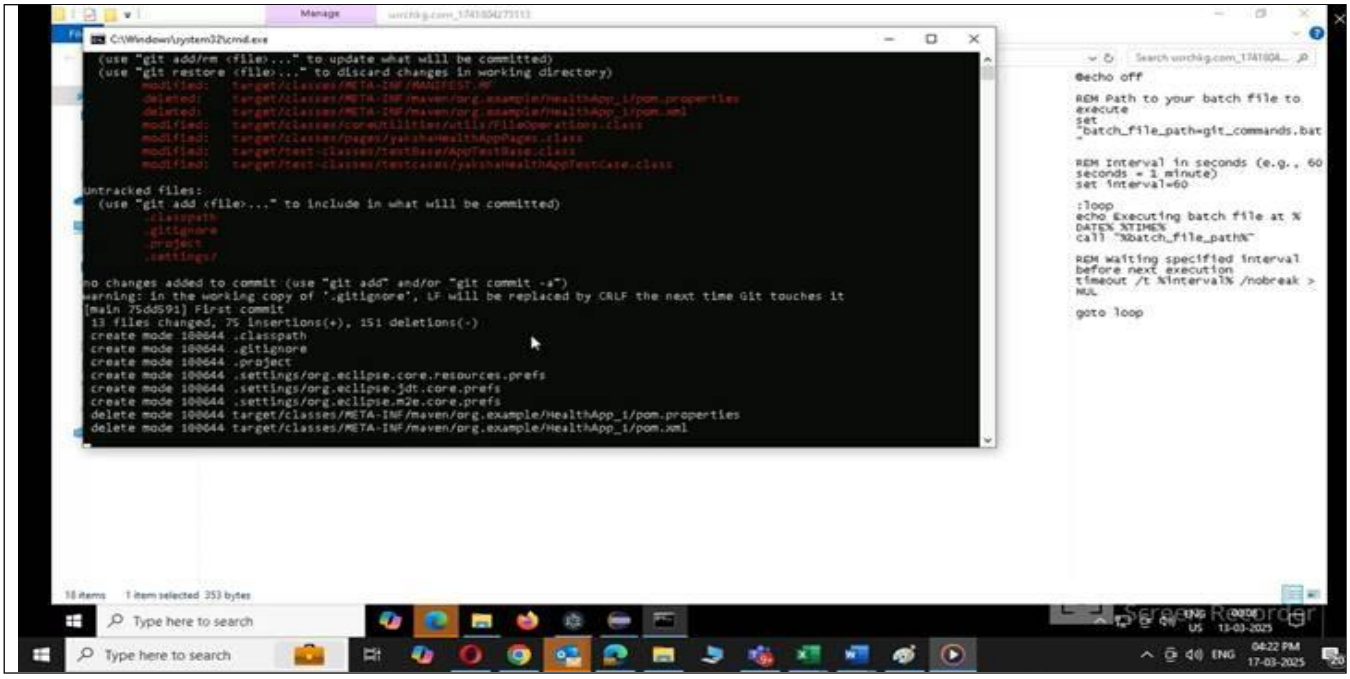
EMERGENCY FUND CALCULATOR

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.

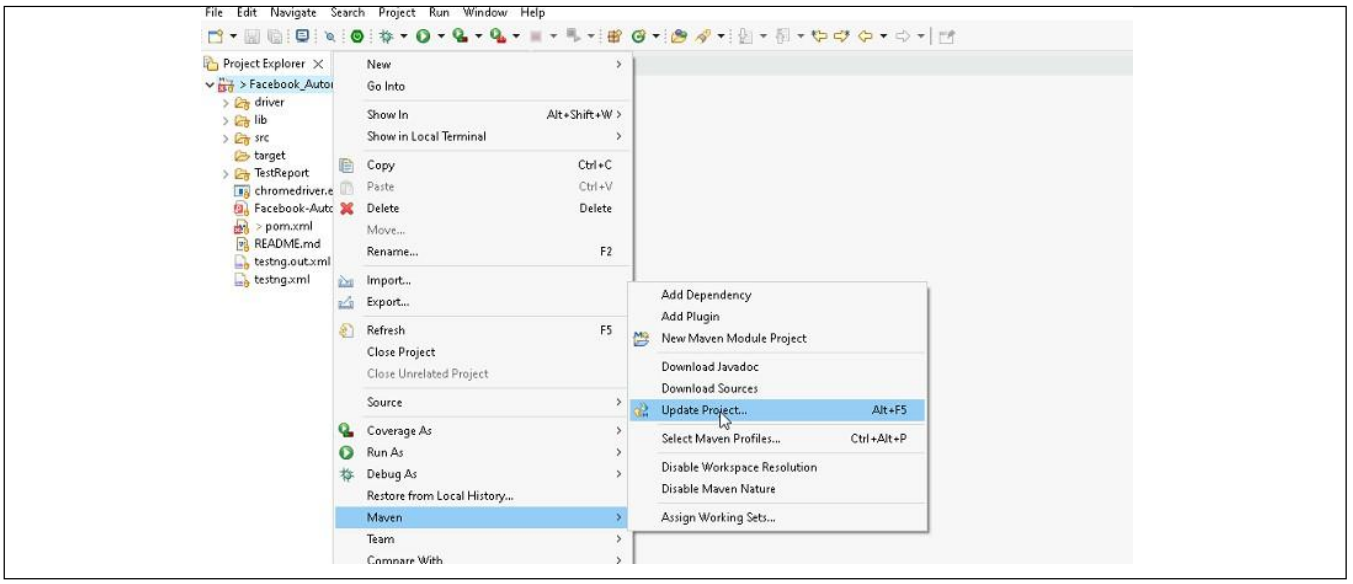


This will launch a command terminal for you where it will keep on pushing your updated code to GIT at regular intervals. Keep that command terminal open at the backend and you can continue working on your project.

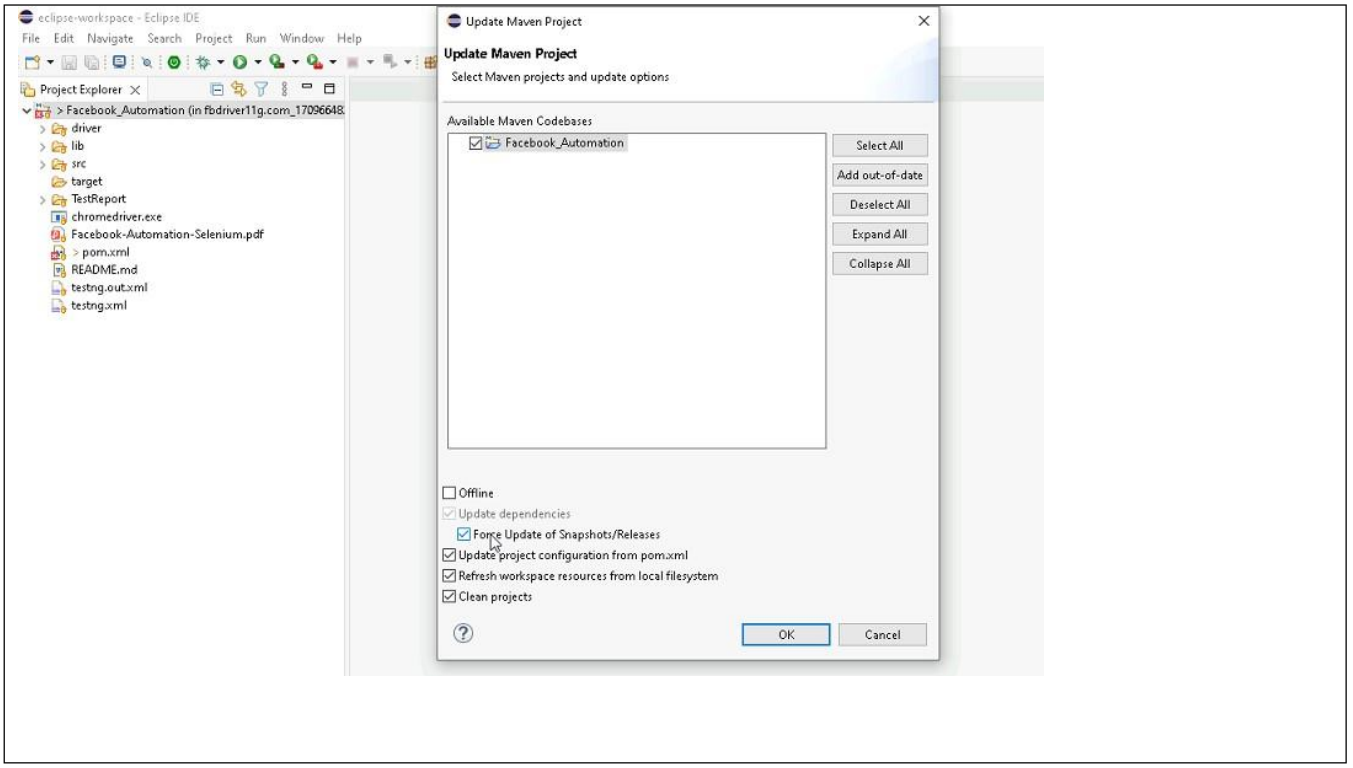


As soon as you import the project in Eclipse, update the project using maven update option as below. This is to resolve issue if any maven dependency not downloaded properly:

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



PROBLEM STATEMENT

Need to automate the following activities using Selenium + Java.

Note: In this use case, you need to automate below scenarios using the "https://www.moneycontrol.com" portal.

Key Activities to implement:

SN	Test Steps
1	Navigate to "Emergency Fund Calculator" sub-menu from "Personal Finance" Menu.
2	Enter medical dental cost.
3	Vehicle repair cost.
4	Enter other costs
5	Enter Life Health Insurance Premiums to be paid
6	Enter Home and Auto insurance premium to be paid.
7	Enter home loan and other important EMIS to be paid.
8	Enter monthly living expenses.
9	Enter number of months if unemployed.
10	Click on calculate button.
11	Check the uninsured emergency amount required.
12	Check annual amount of fixed payments to be done
13	Check for total amount of reserve to be build
14	Check the result.

NOTE: "Please do not delete any file in the src folder. But you are free to add any other file".

Template Code Structure: Packages and files you will be required to work upon. Other Files and packages you can ignore.

Package	Class/File	Description
pages	Emergency_Fund_Calculator_L1_Page.java	1. All core activities (mentioned in list above) to 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.

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.

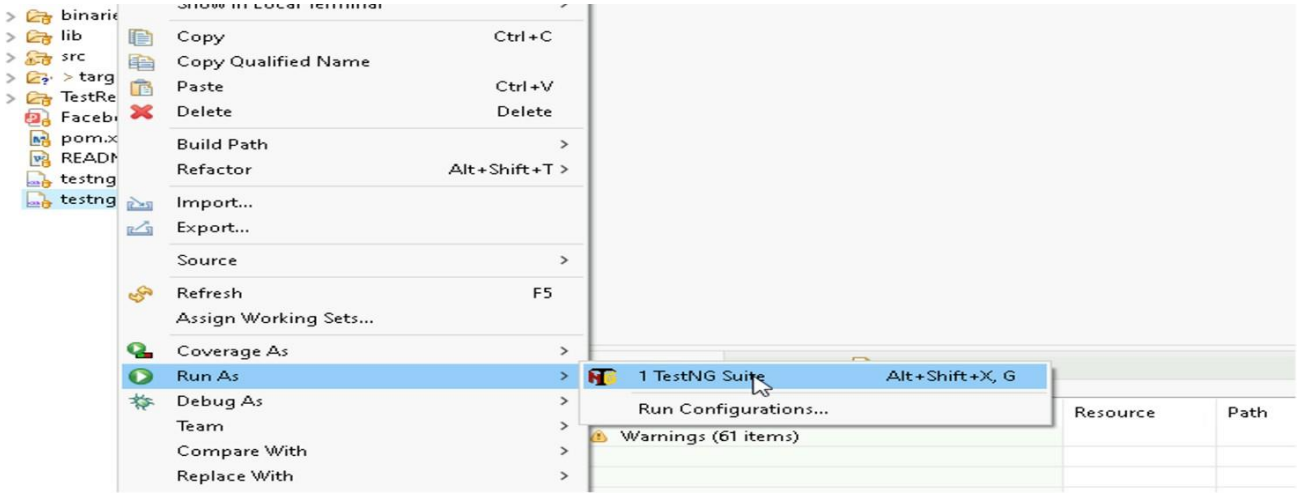
IMPLEMENTATION/FUNCTIONAL REQUIREMENT

1.1 CODE QUALITY/OPTIMIZATIONS

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

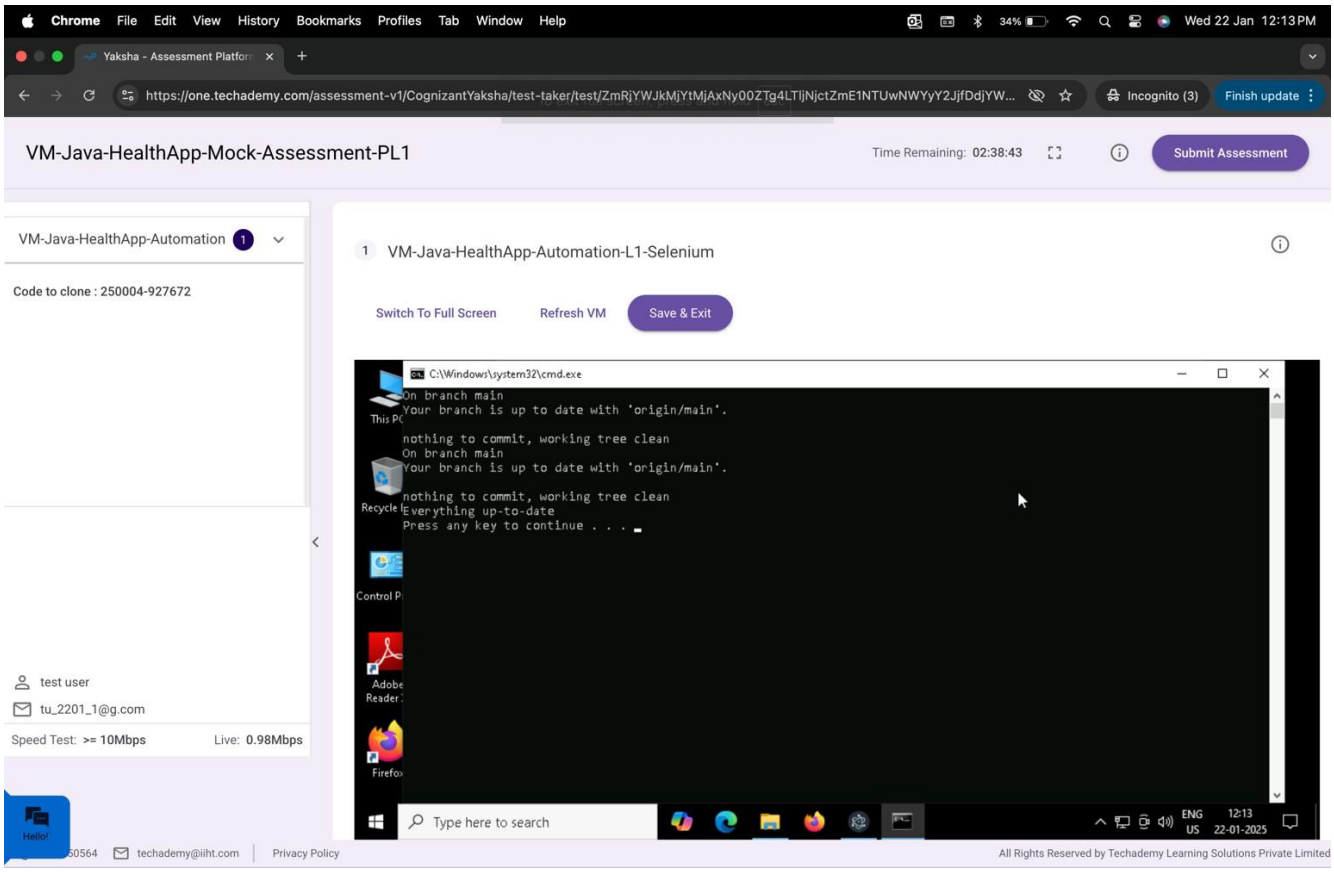
EXECUTION STEPS TO FOLLOW

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



3. To do 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