FORM AUTOMATION

Form Management

Need to automate the following activities using Selenium + Java.

Note: In this use case, you need to automate below scenarios using the "https://demo.automationtesting.in/Register.html" portal.

# Key Activities to implement:

1	Validate the title of home page
2	Click SwitchTo an Alert Link and validate if control is navigated title.
3	Click on button to display the alert box and Validate if alert popup is shown.
4	Click on Register menu option to navigate to Register page and fill the form with data provided.
5	Click on the country dropdown and Select each country option one by one.
6	Click on the country dropdown and select Australia and validate it.
7	Check and uncheck each hobby checkbox and validate that the checkboxes are responding correctly to user interaction, allowing selection and deselection.
8	Select each radio button option for gender and Validate that only one radio button option should be selectable at a time.
9	Select different dates from the Date Of Birth fields. Validate that dates are selectable
10	Fill the register form, Fill FirstNameTextbox lastNameTextbox addressInputAreabox emailAddress Textbox And click on submit Button.
11	Click on Interaction Navigation Menu bar, then click on "selectable" option, then click on "Serialize" tab, then click on "Sakinalium - Cross Browser Testing" option and after click on "Sakinalium - Cross Browser Testing" some text value will display. Fetch that text value.

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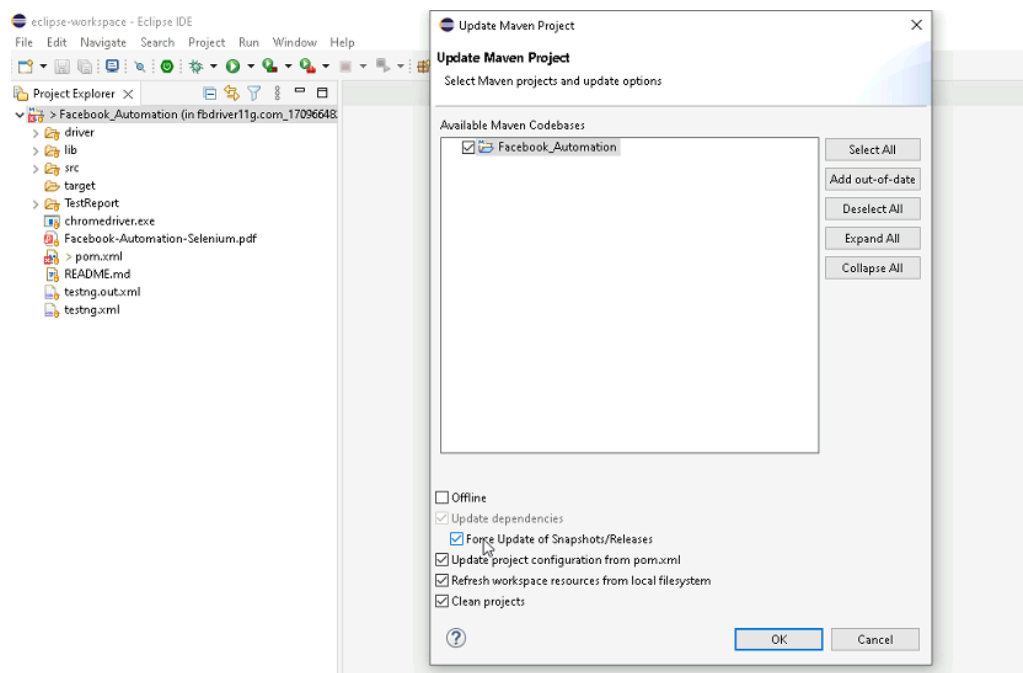
Pre-requisite:

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" : Select "Update Project"
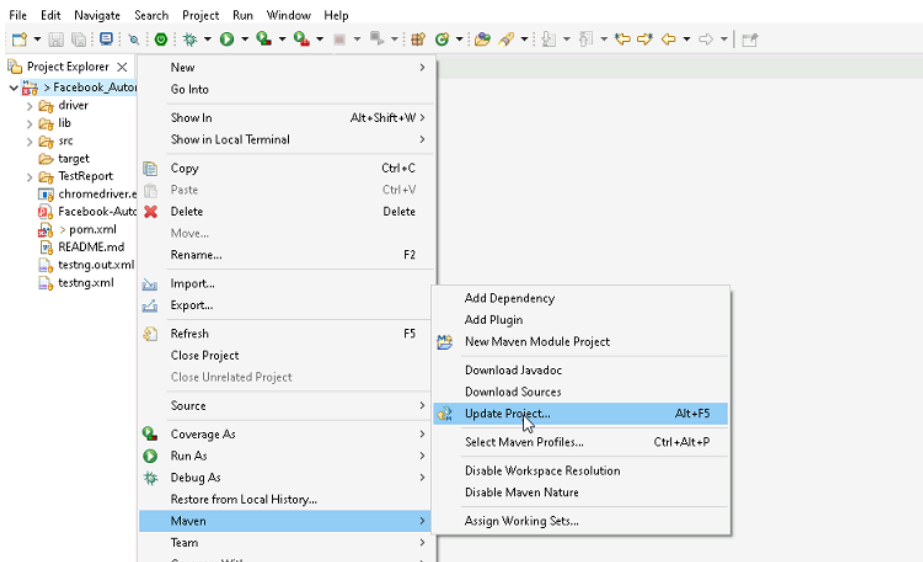
2. In Update Maven Project Box Select "Force Update of Snapshots/Releases" and click OK

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

Package	Class/File	Description
/src/main/java/pages	FormManagement_L1_Pages.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 which project evaluation will not happen.**

2. **You can launch test cases any time as follows: Right click on testng.xml and run TestNGSuite**
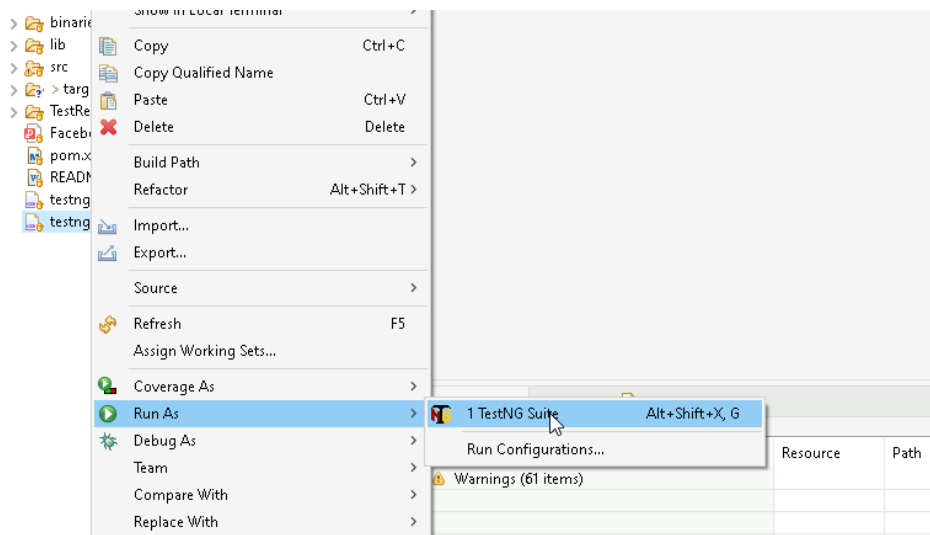
3. **You may get the below pop up after launching test cases for seeking permission to open the browser or not. Please select "Allow access" in this case.**
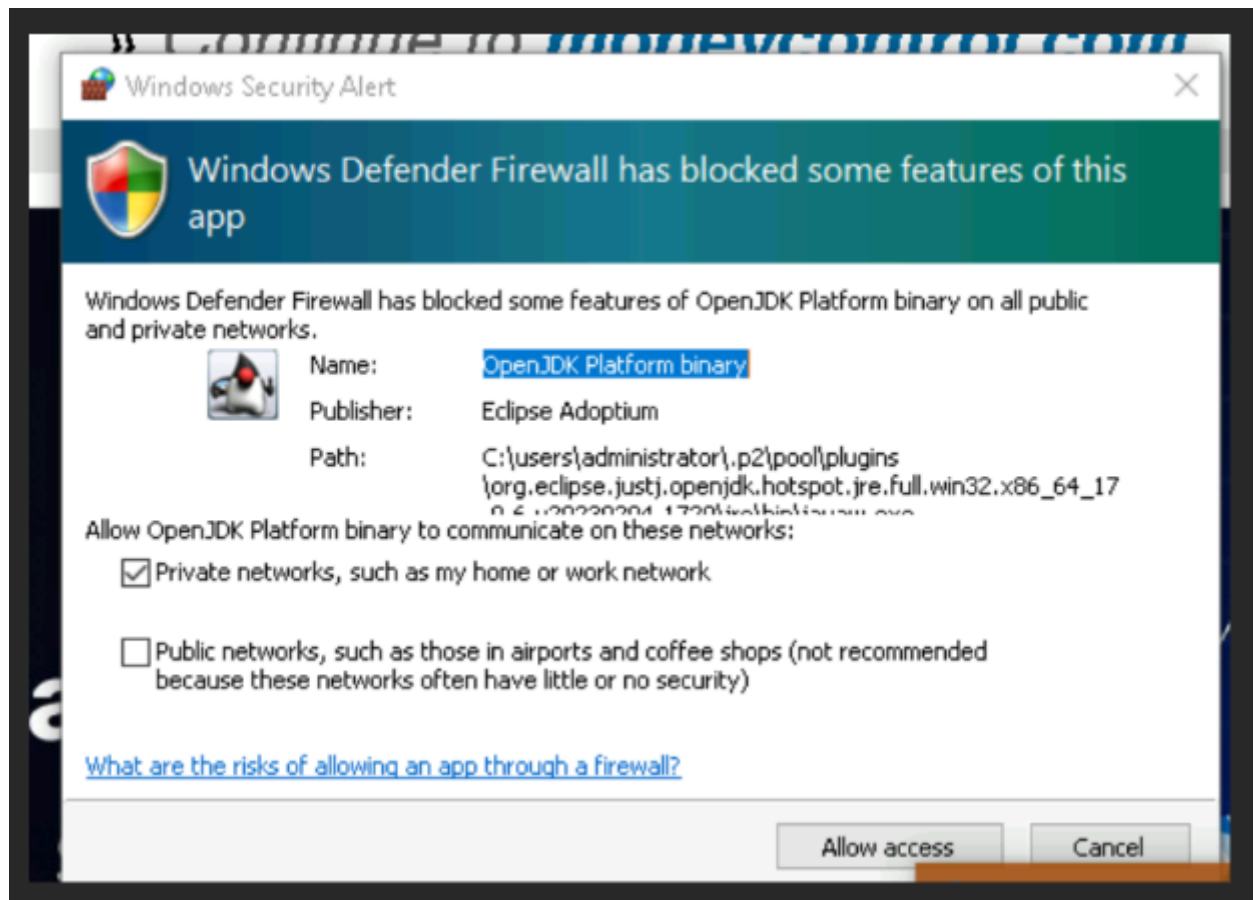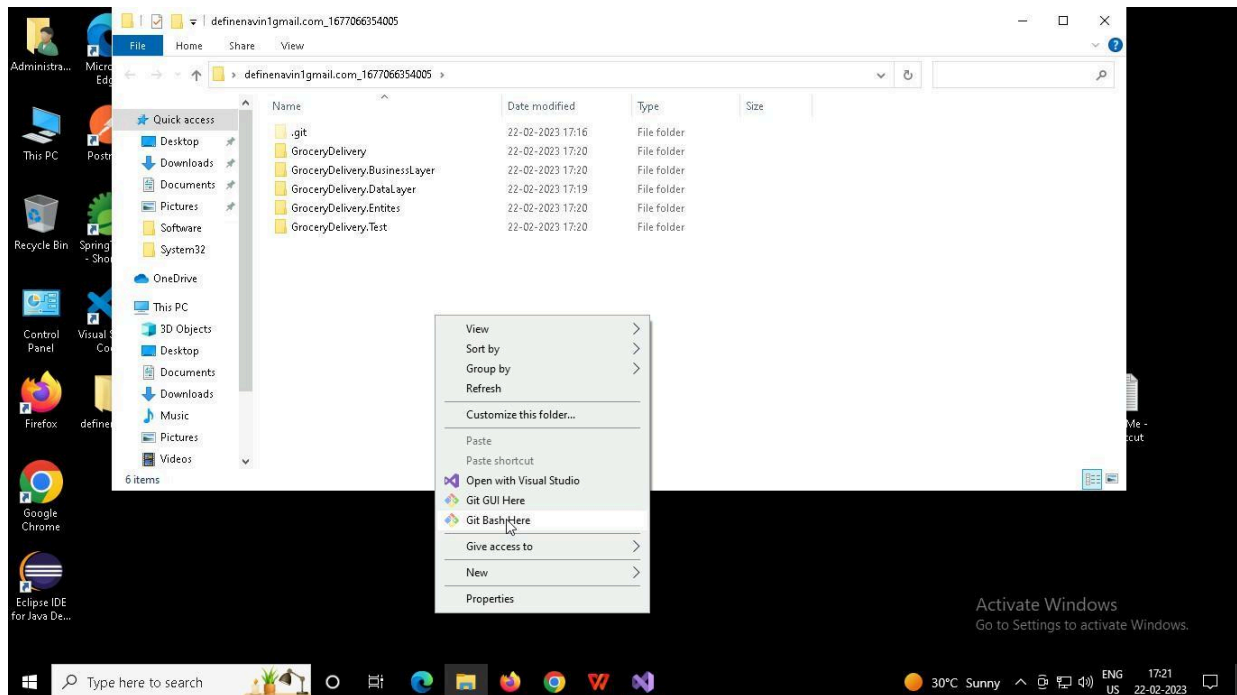

4. **Before final submission, you are also required to push your code to GIT. Following are the steps to follow:**
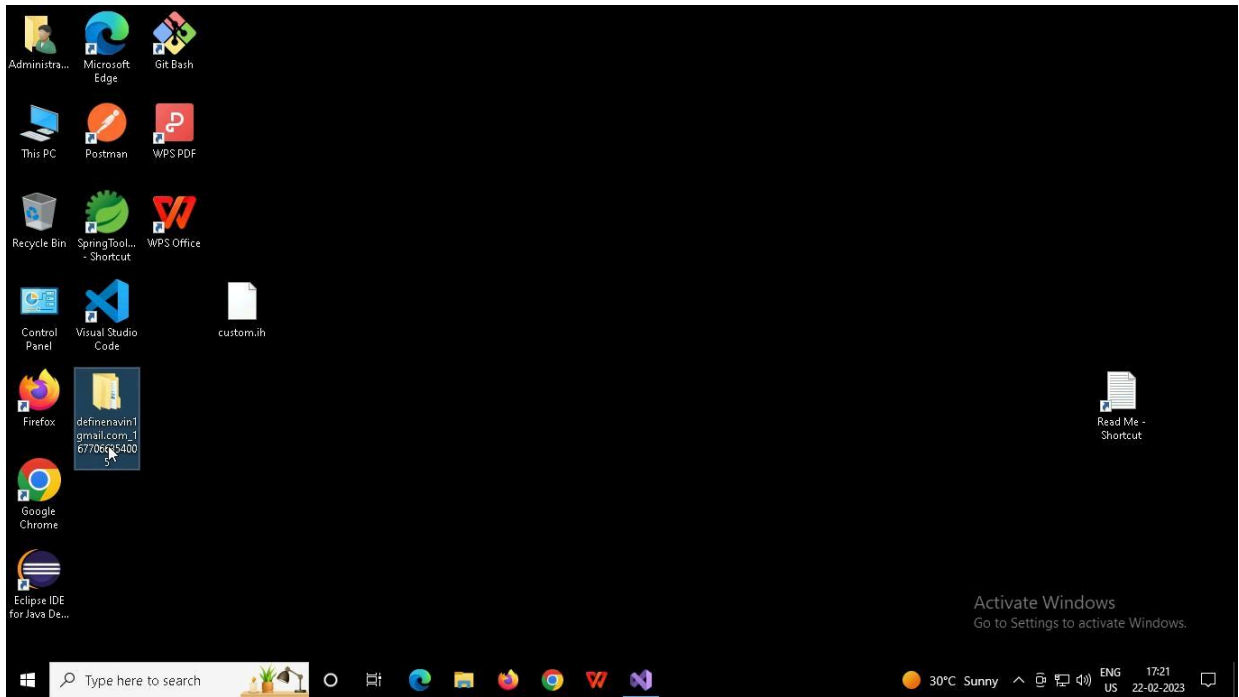
Form Management

Right click in folder and open Git Bash

Form Management

In Git bash terminal, run following commands

   a. git status

   b. git add .

   c. git commit -m "First commit"

   (You can provide any message every time you commit)

   d. git push

Form Management