Running Instructions and Project Details

Section A: Basic Details

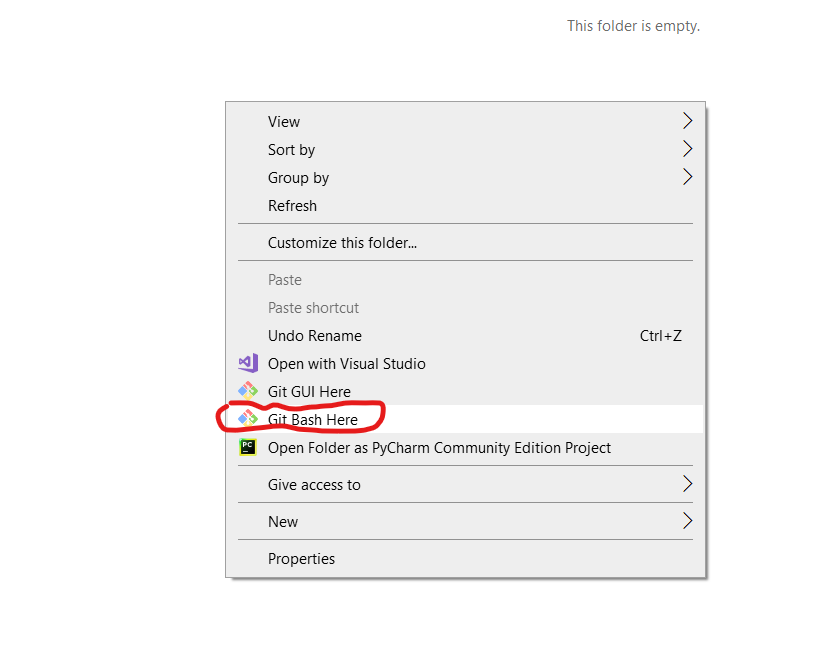
|  |  |
| --- | --- |
| Project | CIMB\_MY |
| Application URL | <https://www.cimb.com.my/en/personal/home.html> |
| Test Scenario | **Scenario 1:**  Given I’m on CIMB page  When I select CIMB Deals  And I click on View All for Travel & Lifestyle  And I would like to explore more for OctoTravel Flights  Then I will be able to see its details and other similar deals beneath it |
| Automation Framework & Document created by | Vishwanatha Thimmanna Hebbar |
| Programming Language | Java |
| Tool | Selenium |
| Framework | TestNG |
| Design Pattern | Page Object Model (POM) |
| Other Features | * Supports thread safe parallel execution * Generates Extent report along with inbuilt TestNG report * Generates logs * Takes screenshot of failed test case and attach to Extent report * Extent Reports are generated under Reports folder (Screenshots stored in Reports/Screenshots) * Failed test case will re-run automatically for one more time, if you wish not to re-run automatically then corresponding listener at “testng.xml” may be commented or removed * Test cases can be run on “Dockerized selenium grid” infrastructure. Refer to section D.   **Note 1:**  Same test case(Scenario 1) I have added 2 times to check for parallel execution,  TestCase\_Scenario\_0001\_02 is intentionally failed at assertion stage to check screenshot is captured for failed test and to ensure failed test automatically re-runs one more time. |
| GitHub Repository URL | <https://github.com/vthebbar/CIMB_MY.git> |
| Test Reports Folders | TestNG Report : test-output-> index.html and emailable-report.html  Extent Report : Reports-> ExecutionReport\_dd-MM-yyyy hh-mm-ss.html |
| Logs file | Project home directory -> log4j-application.log |

**Section B : Pull code from GitHub repository**

Pre-requisite : GIT Bash software is installed in PC and GIT HUB account

Step1 :Create folder in your pc

Step 2: Open GIT Bash (Right click inside the folder and click on : Git Bash Here



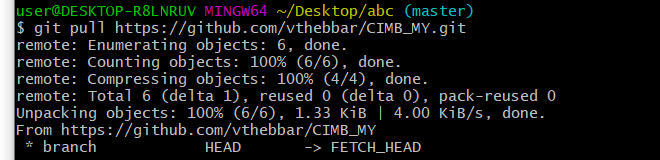
Step 3:

Run command > **git init**



Step 4:

Run command > **git pull https://github.com/vthebbar/CIMB\_MY.git**



After step 4, project will be downloaded into the folder.

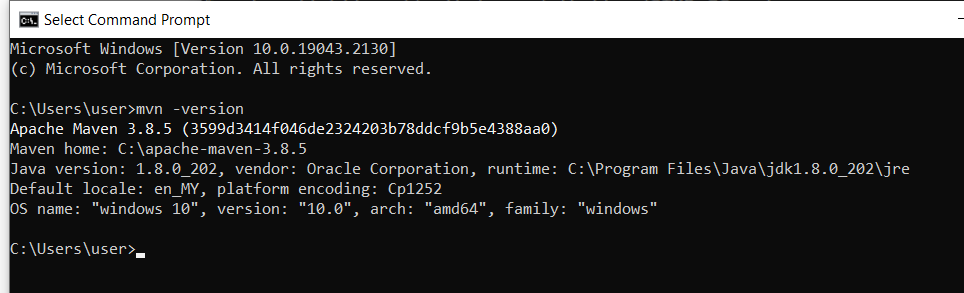
**Section C : How to Run the project on Standalone computer**

**Note:**

To run the test cases using Approach 1A & 1B, Maven software should be present in the system.

To check maven is present in the system or not, run below command:

**mvn -version**



Approach 1A: Using “Run.bat” file in project home directory ( Preferred & easy Approach )

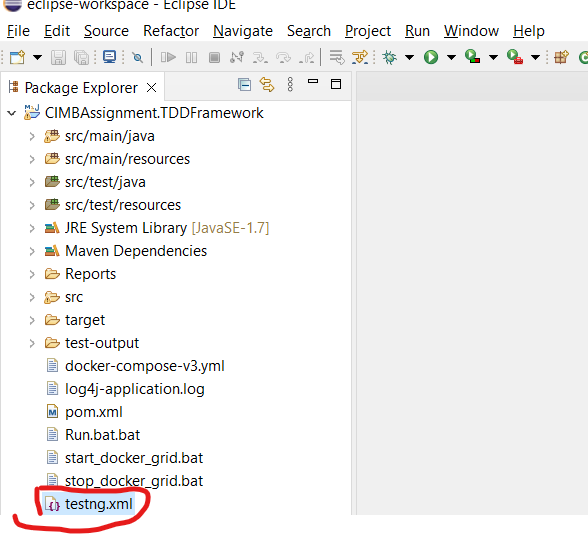
|  |
| --- |
| ->Double click on “Run.bat” file shown below and wait till execution completes.    ….………………….  Approach 1B:  Open windows command prompt ->Navigate to project home directory->  Run command > **mvn clean install** |

Approach 2: Run using “pom.xml” file

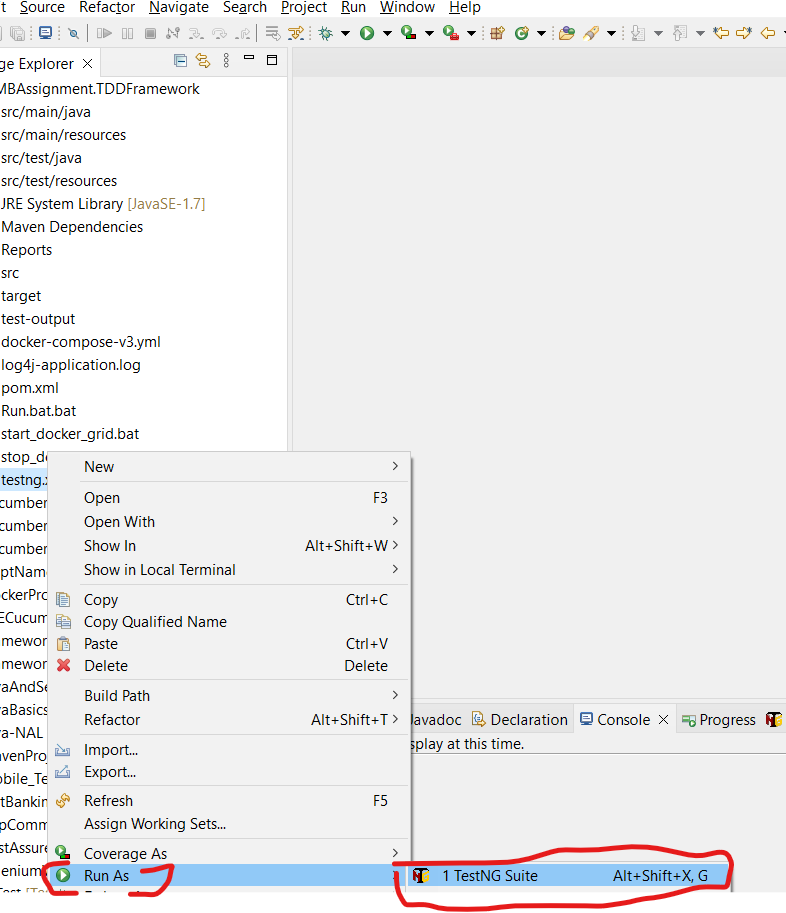
|  |
| --- |
| Step 1: Import the project in eclipse IDE    Step 2: Right click on: pom.xml -> select : Run as -> click on: Maven Test |

Approach 3: Run using “testng.xml” file

Step 1: Import project in eclipse IDE



Step 2: Right click on : **testng.xml** file -> Select : Run as: -> Click on : TestNG Suite



**Section D: How to run project on “Dockerized selenium grid” infrastructure using docker-compose**

If you wish to run tests on Dockerized selenium grid, then following steps to be followed.

Step 1: Download Docker Desktop [ <https://www.docker.com/products/docker-desktop/> ]

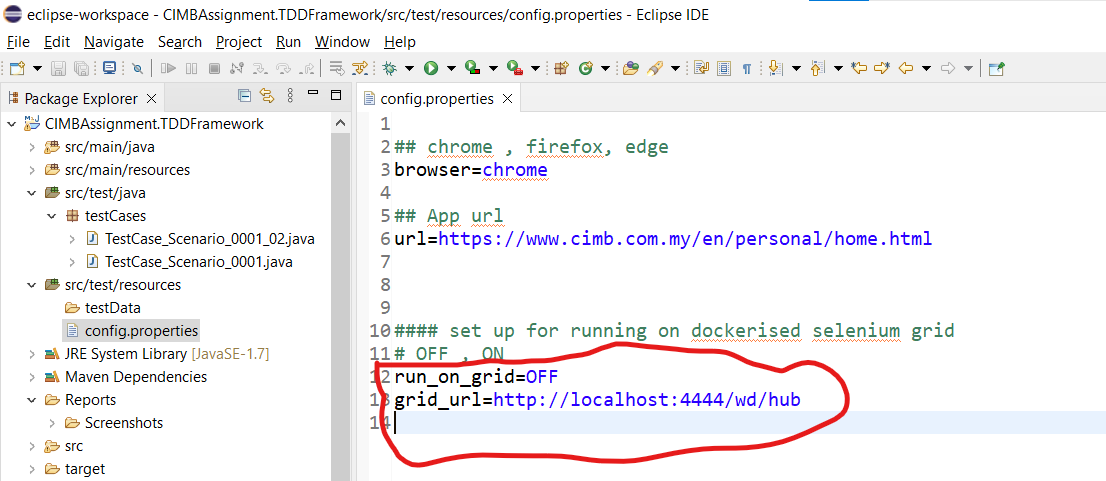
**Note2**: Docker Desktop must be on, automation code will automatically start grid infrastructure before test starts and shuts down once test completes.

You may also use any other existing docker infrastructure to run tests.

Step 2: Open “config.properties” file

Change -> run\_on\_grid=ON

grid\_url -> Provide your grid URL



Step 3: Double click on “Run.bat” file

**Note 3:**

* For running on different browsers , update browser name in “config.properties” file

**Note 4:**

Report menu options:

