Live Project (Continued)

Follow the below steps to continue:

1.We already have Jenkins installed in our machine
2.Create a new job in Jenkins and configure it to execute the so far created 11 scripts using the code hosted in gitHub repository
3.Build the job and observe that we get some errors
4.To investigate the error go to the code in the local repository and run the pom.xml file using maven and observe that the same errors will be displayed
5.To overcome this problem in local, rename the Runner.java to TestRunner.java and execute the pom.xml file in local repository using maven and observe that all the scripts are executed properly
6.Upload the changes in above step to github repository
7.Executed the updated code in github repository using Jenkins and observe that the errors didn't get resolved
8.Add the below properties to the pom.xml file before the dependencies tags in the local repository and upload the updated pom.xml file to github repository

- **<properties> <maven.compiler.source>1.8</maven.compiler.source> <maven.compiler.target>1.8</maven.compiler.target> </properties>**

9.Build the job to see that the execution is going on but most of the scenarios getting failed as they run in headless mode
9.To overcome the headless problem, we have to launch the Jenkins using the war file

- Go to the services, change the Jenkins service startup type to Manual and stop the service
- Go to C driver > Programs files (x86) > Jenkins folder and install the jenkins.war in the folder using the below command from command prompt:
  - java -jar jenkins.jar --httpPort=8090
  - Once the Jenkins is started and running, access http://localhost:8090
  - Install the required plugins and create user account details and login
  - Create a maven project in jenkins and configure it to run the code in github repository
  - Observer that all the scenarios will now be executed in real mode instead of headless mode

---- End of live project -------