Software Testing

EPAM

INDIVIDUAL PRACTICAL TASK REPORT

Module continuous integration with Jenkins Practical task

Bachelor Of Technology

Computer Science & Engineering

(Software Testing)

LOVELY PROFESSIONAL UNIVERSITY PHAGWARA, PUNJAB

01/05/2023

SUBMITTED BY   SUBMITTED TO
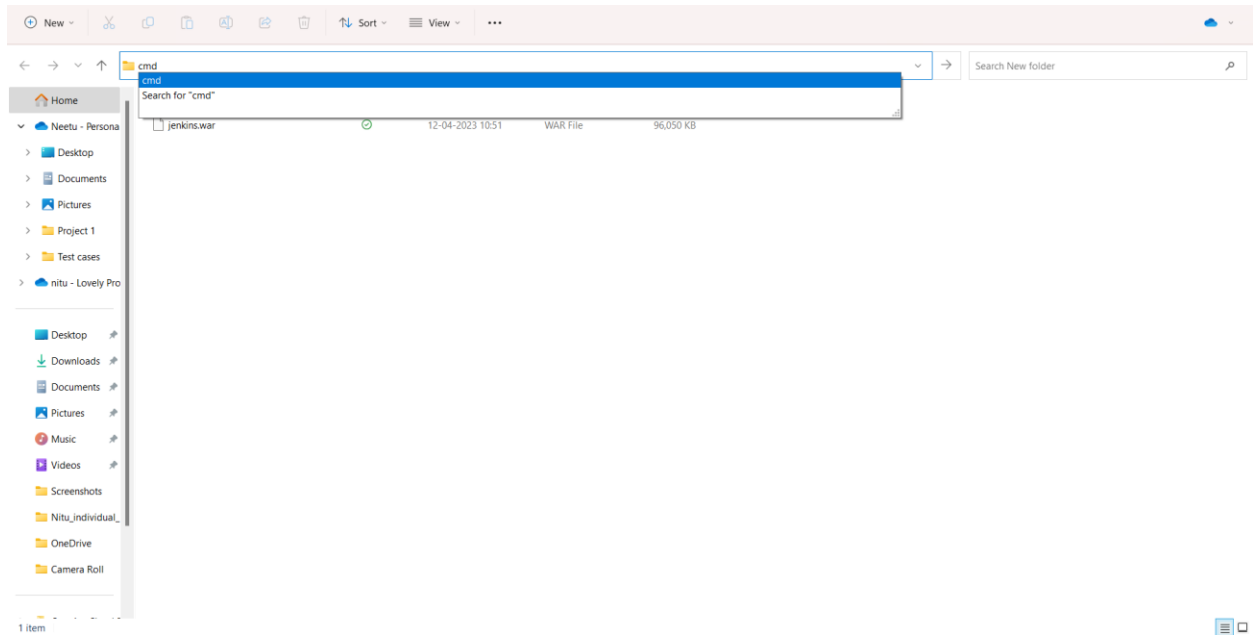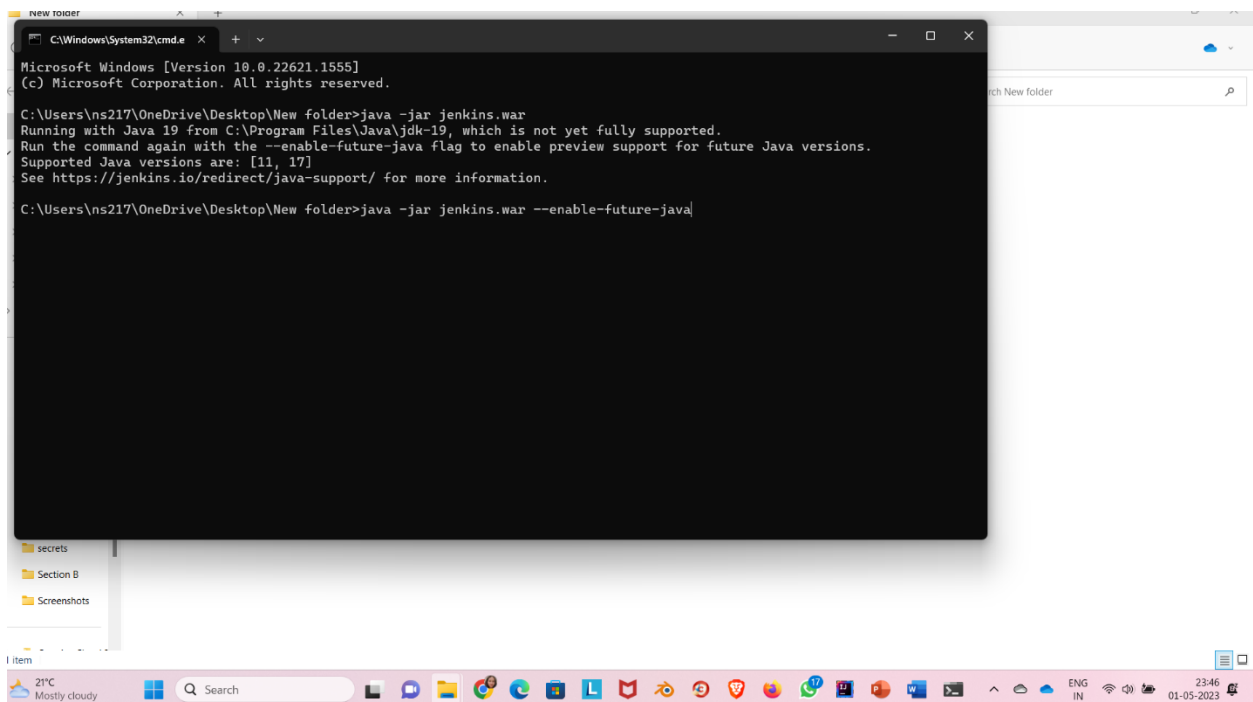
Name of the student :- Pradeep Kumar Pandey   Name of the assistant professor:- Sakshi

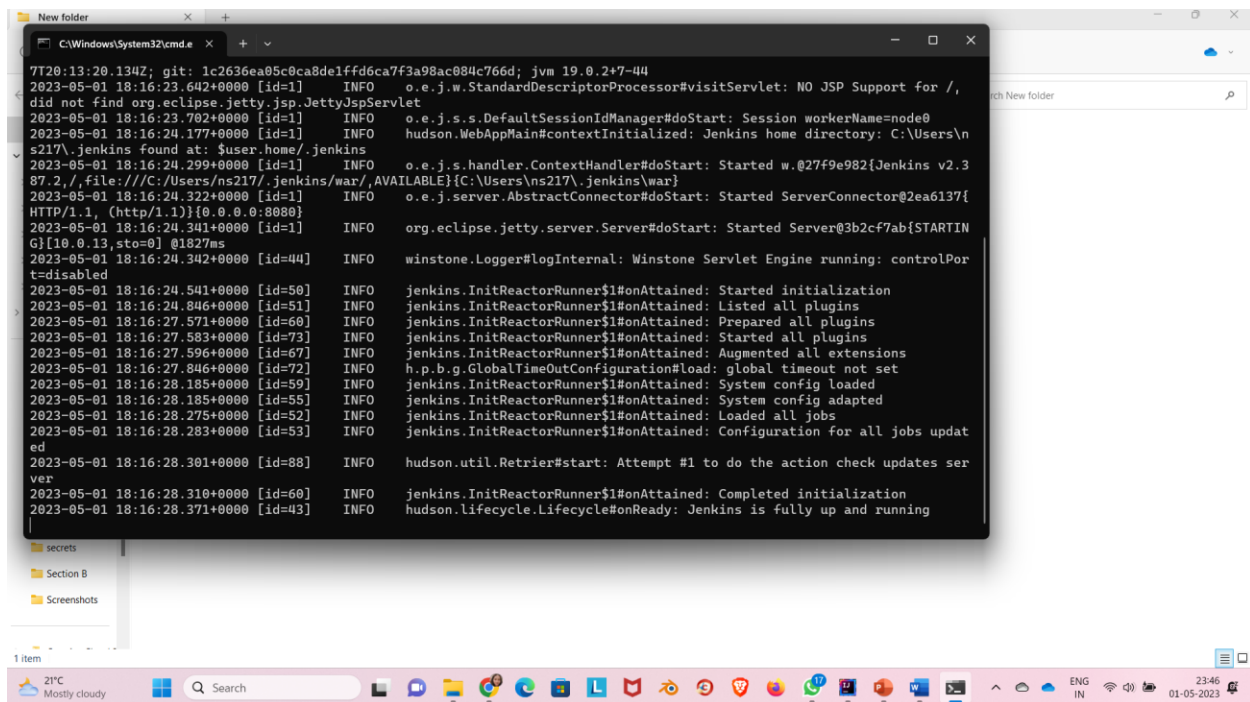Registration Number :- 11914539

Roll No:- 36

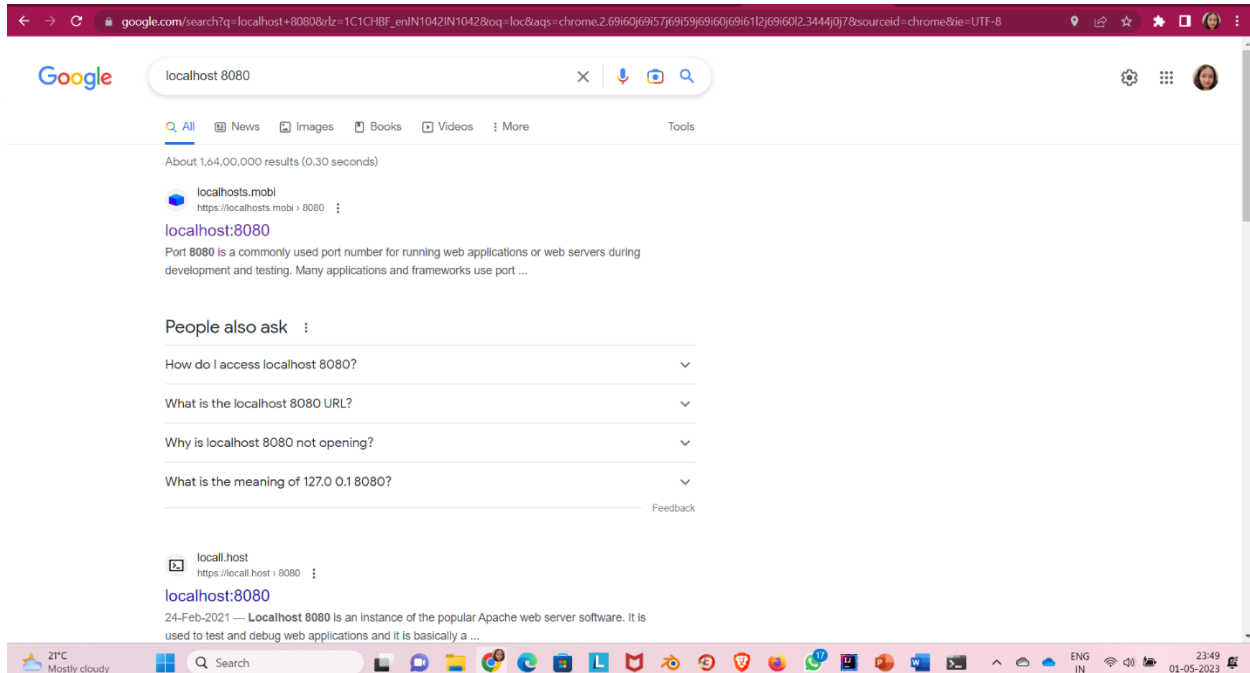## Step 1 :- Open Jenkins Folder and type command "cmd"

Step 2 :- Start Jenkins With Command java -jar Jenkins.war then Second Command java -jar Jenkins.war –enable-future-java
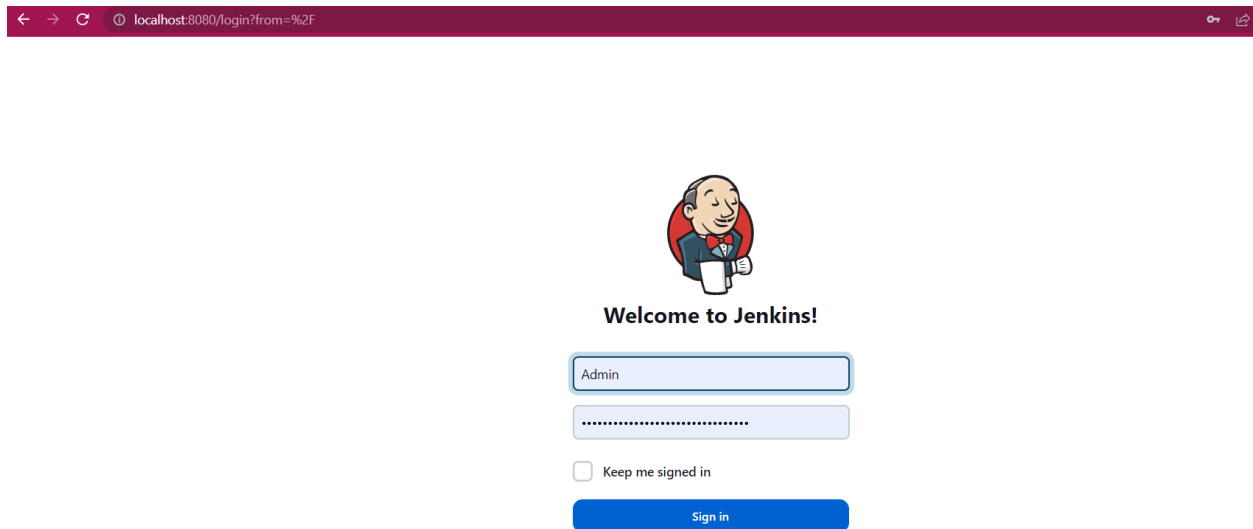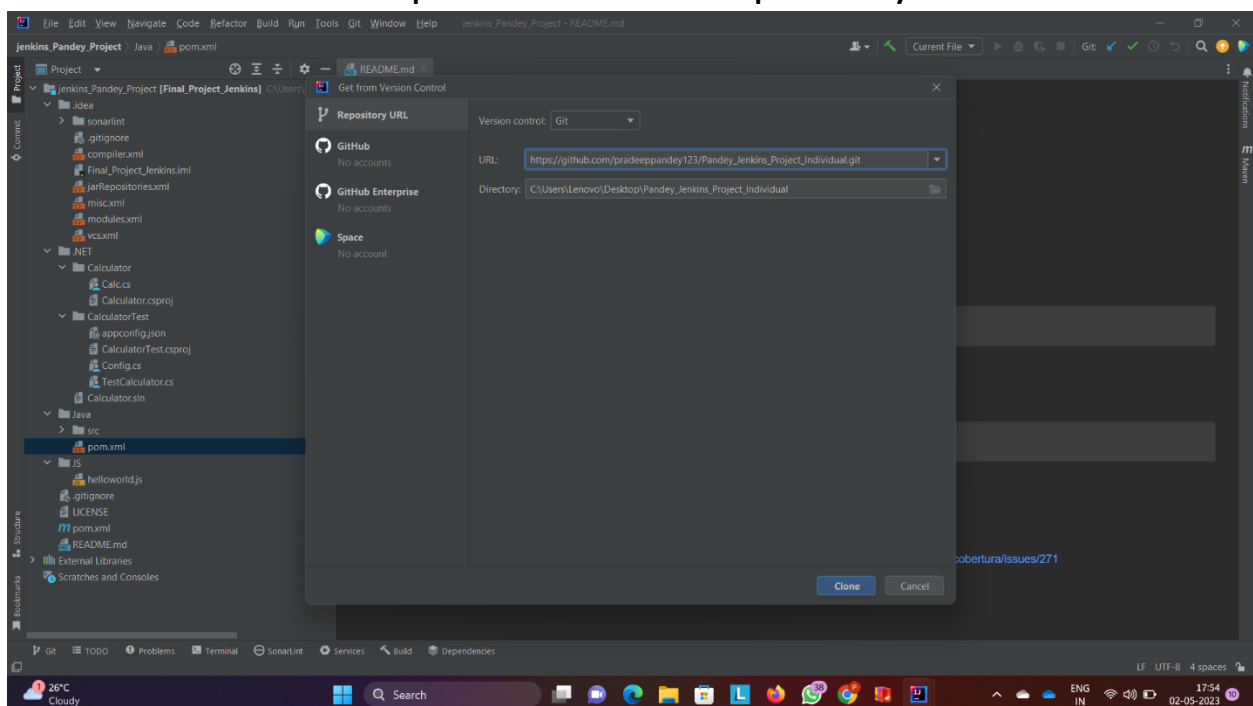

Step 3 :- Start Jenkin Running

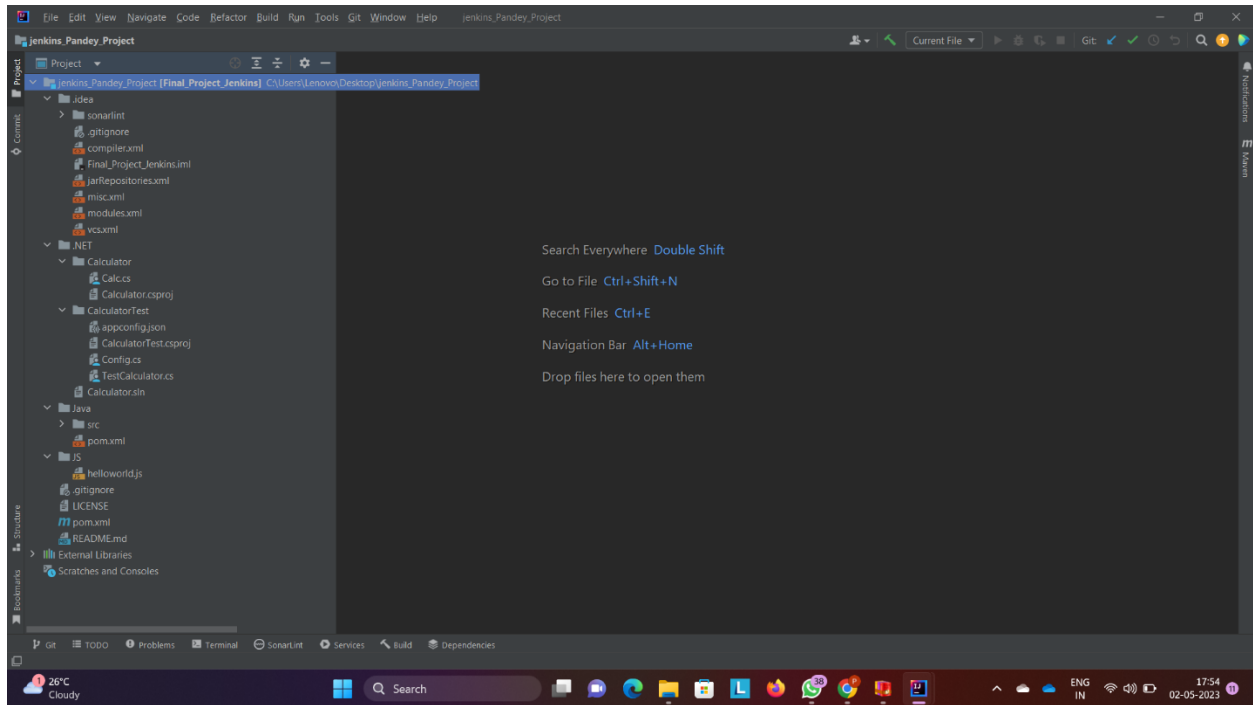Step 4 :- Open Chrome Browser and Type localhost:8080

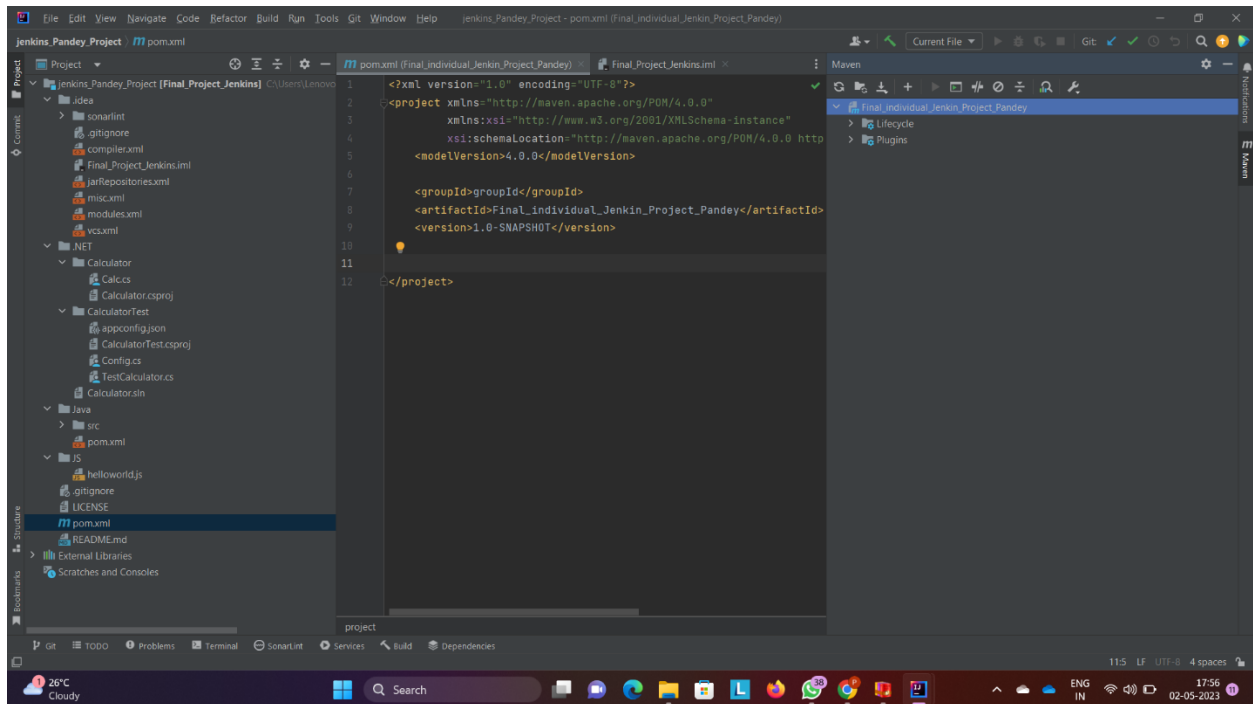# Step 5 :- Jankins Login With Credential
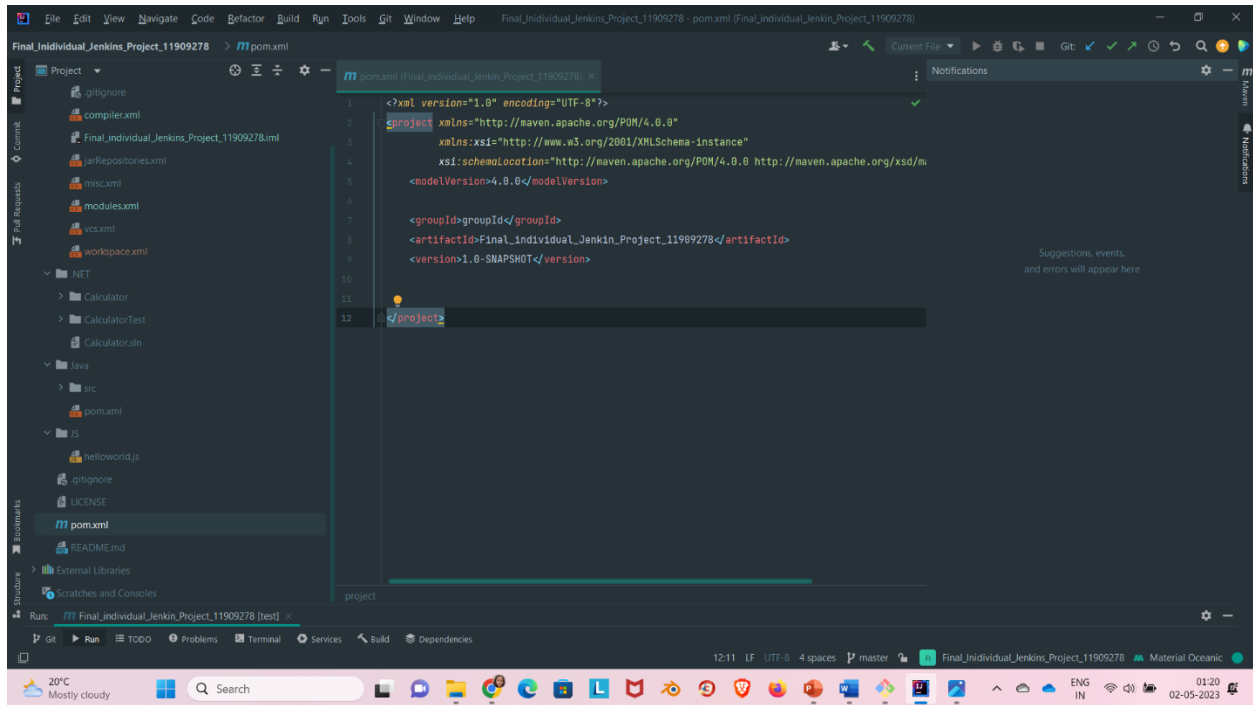

Step 6 :- Clone of Repository

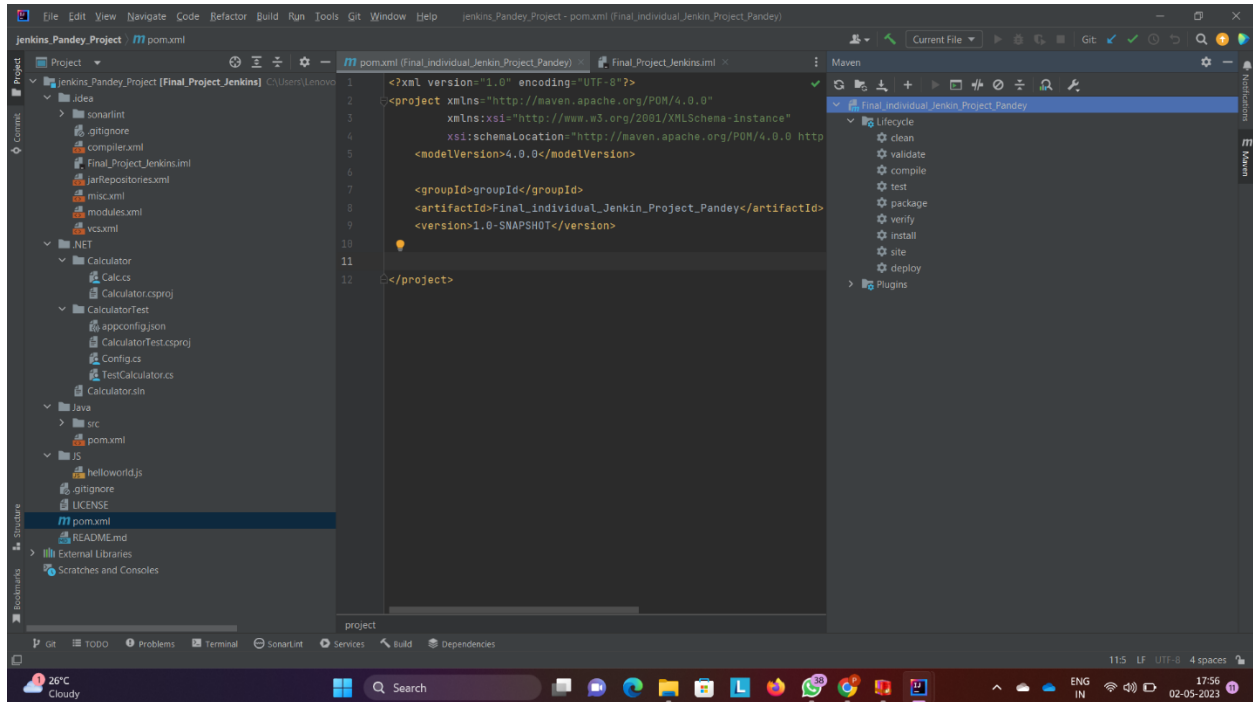# Step 7 :- Clone of Repository Completely

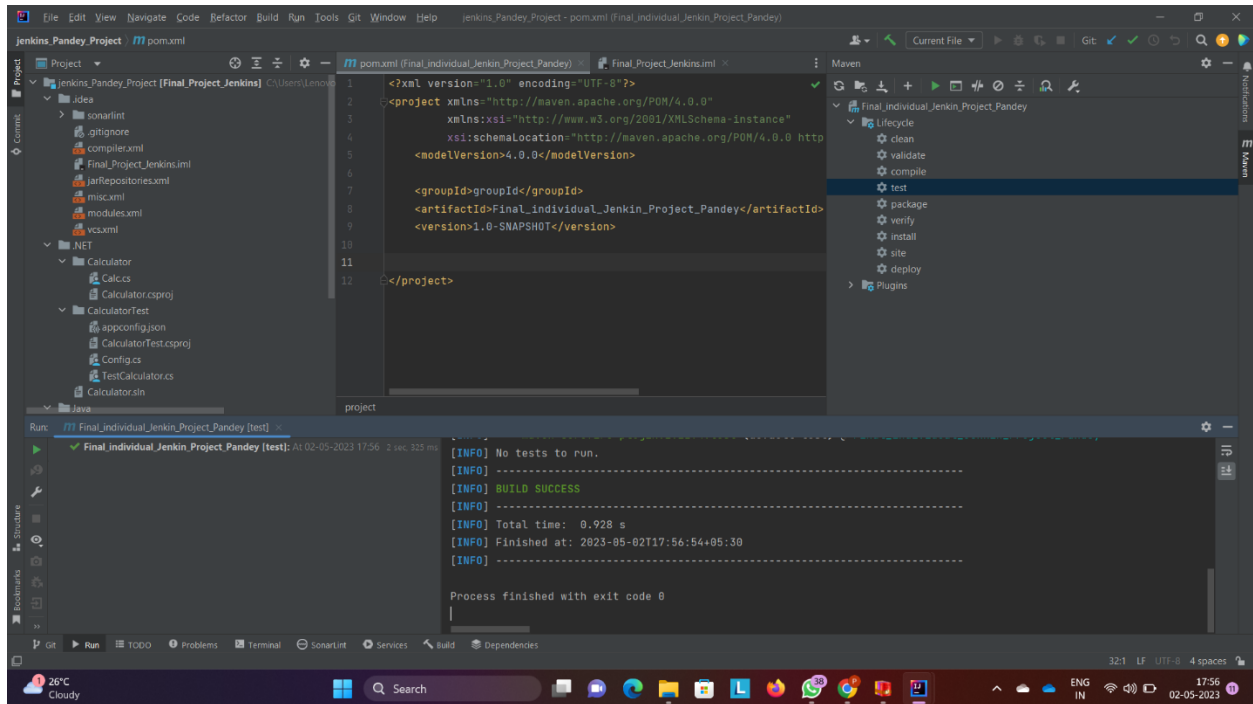# Step 8 :- Open Pom.Xml file

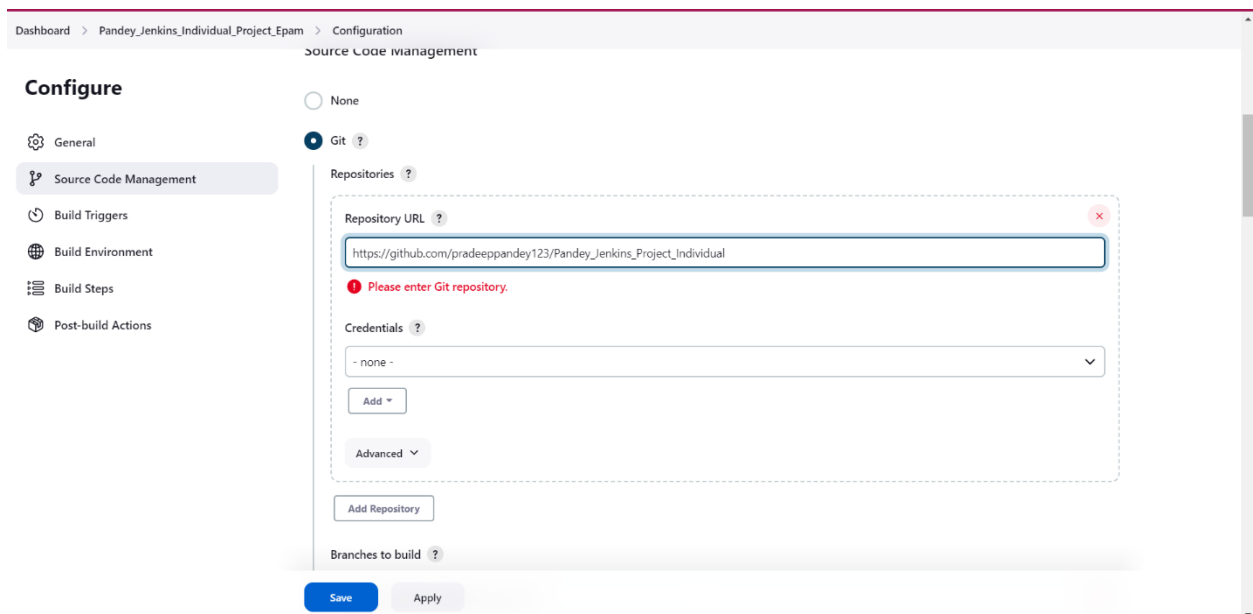# Step 9 :- Perform MVN Lifecycle

Step 10 :- Perform MVN LifeCycle

Step 11 :- Build Success

Step 12 :- Push URL Of Clone In Jenkins Configuration

Step 13 :- Jenkins Configuration

Step 14 :- Jenkins Configuration Build Trigger 5 Minutes

Step 15 :- Jenkins Configuration
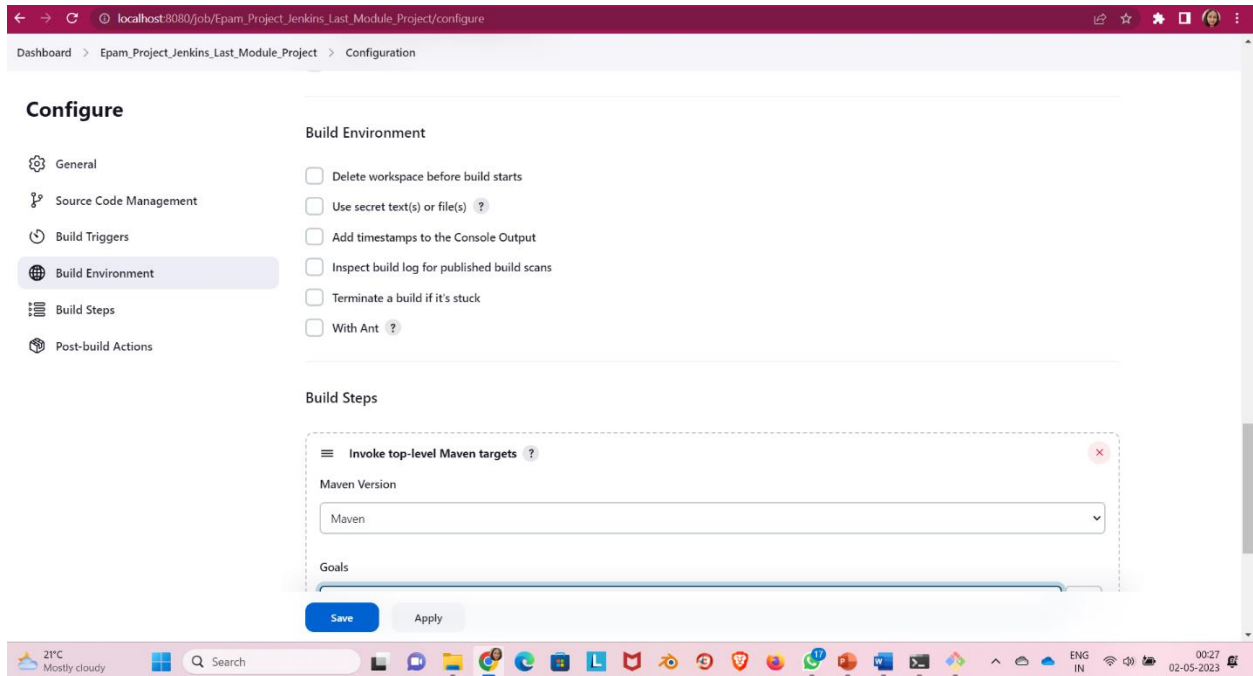
Step 16 :- Jenkins Configuration Maven clean test
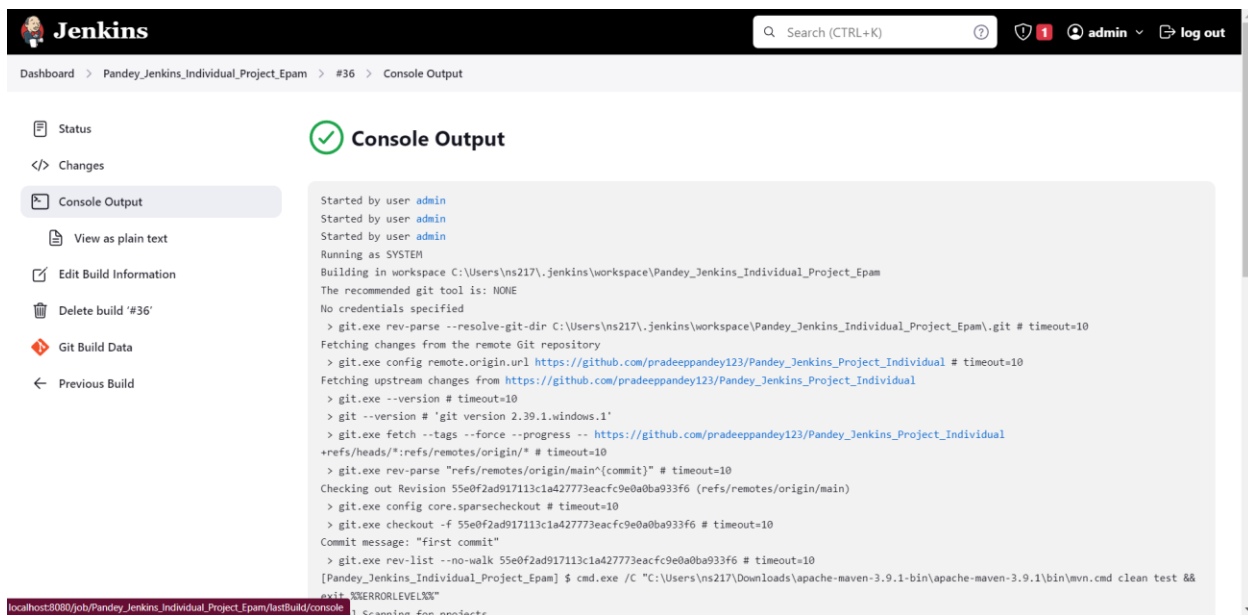
Step 16 :- Jenkins Build Now Successfully

Step 17 :- Jenkins Console Output

Step 18 :- Jenkins Console Output

Dashboard > Pandey_Jenkins_Individual_Project_Epam > #36 > Console Output

```
[INFO]
[INFO] ----------< groupId:Final_individual_Jenkin_Project_Pandey >-----------
[INFO] Building Final_individual_Jenkin_Project_Pandey 1.0-SNAPSHOT
[INFO]   from pom.xml
[INFO] --------------------------------[ jar ]---------------------------------
[INFO]
[INFO] --- clean:3.2.0:clean (default-clean) @ Final_individual_Jenkin_Project_Pandey ---
[INFO]
[INFO] --- resources:3.3.0:resources (default-resources) @ Final_individual_Jenkin_Project_Pandey ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\ns217\.jenkins\workspace\Pandey_Jenkins_Individual_Project_Epam\src\main\resources
[INFO]
[INFO] --- compiler:3.10.1:compile (default-compile) @ Final_individual_Jenkin_Project_Pandey ---
[INFO] No sources to compile
[INFO]
[INFO] --- resources:3.3.0:testResources (default-testResources) @ Final_individual_Jenkin_Project_Pandey ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\ns217\.jenkins\workspace\Pandey_Jenkins_Individual_Project_Epam\src\test\resources
[INFO]
[INFO] --- compiler:3.10.1:testCompile (default-testCompile) @ Final_individual_Jenkin_Project_Pandey ---
[INFO] No sources to compile
[INFO]
[INFO] --- surefire:3.0.0:test (default-test) @ Final_individual_Jenkin_Project_Pandey ---
[INFO] No tests to run.
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  0.956 s
[INFO] Finished at: 2023-05-02T18:17:49+05:30
[INFO] ------------------------------------------------------------------------
[htmlpublisher] Archiving HTML reports...
[htmlpublisher] Archiving at PROJECT level C:\Users\ns217\.jenkins\workspace\Pandey_Jenkins_Individual_Project_Epam to
```
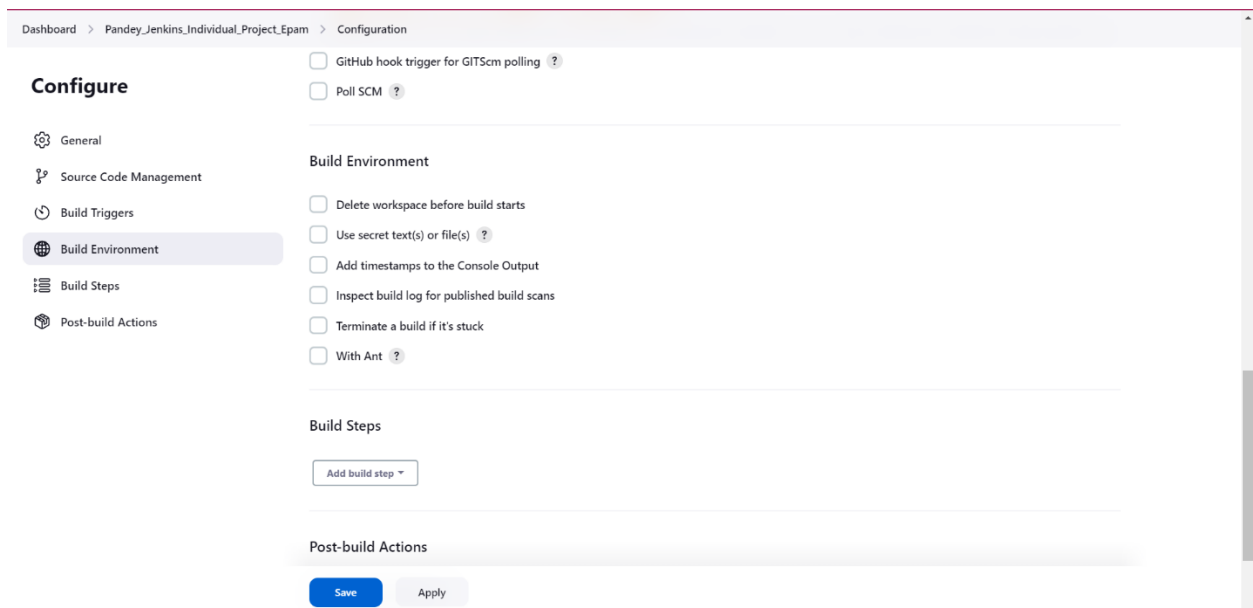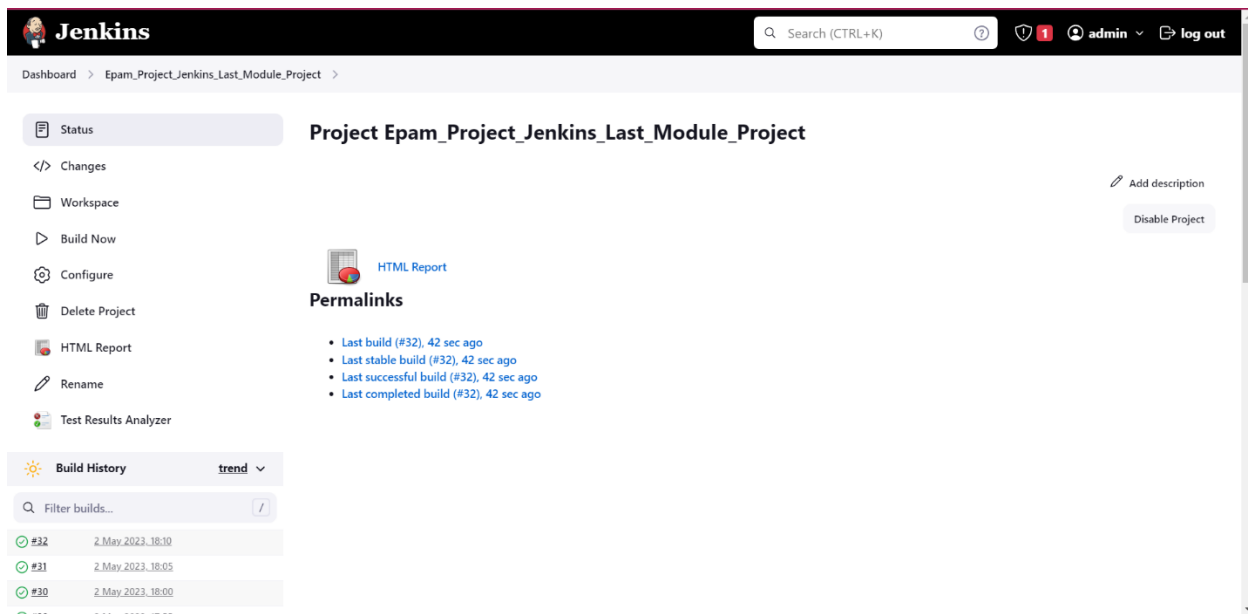
Step 19 :- Jenkins Console Output

Dashboard > Pandey_Jenkins_Individual_Project_Epam > #36 > Console Output

```
[INFO]
[INFO] --- compiler:3.10.1:compile (default-compile) @ Final_individual_Jenkin_Project_Pandey ---
[INFO] No sources to compile
[INFO]
[INFO] --- resources:3.3.0:testResources (default-testResources) @ Final_individual_Jenkin_Project_Pandey ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\ns217\.jenkins\workspace\Pandey_Jenkins_Individual_Project_Epam\src\test\resources
[INFO]
[INFO] --- compiler:3.10.1:testCompile (default-testCompile) @ Final_individual_Jenkin_Project_Pandey ---
[INFO] No sources to compile
[INFO]
[INFO] --- surefire:3.0.0:test (default-test) @ Final_individual_Jenkin_Project_Pandey ---
[INFO] No tests to run.
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  0.956 s
[INFO] Finished at: 2023-05-02T18:17:49+05:30
[INFO] ------------------------------------------------------------------------
[htmlpublisher] Archiving HTML reports...
[htmlpublisher] Archiving at PROJECT level C:\Users\ns217\.jenkins\workspace\Pandey_Jenkins_Individual_Project_Epam to
C:\Users\ns217\.jenkins\jobs\Pandey_Jenkins_Individual_Project_Epam\htmlreports\HTML_20Report
TestNG Reports Processing: START
Looking for TestNG results report in workspace using pattern: **/testng-results.xml
Did not find any matching files.
Finished: SUCCESS
```

REST API   Jenkins 2.387.2