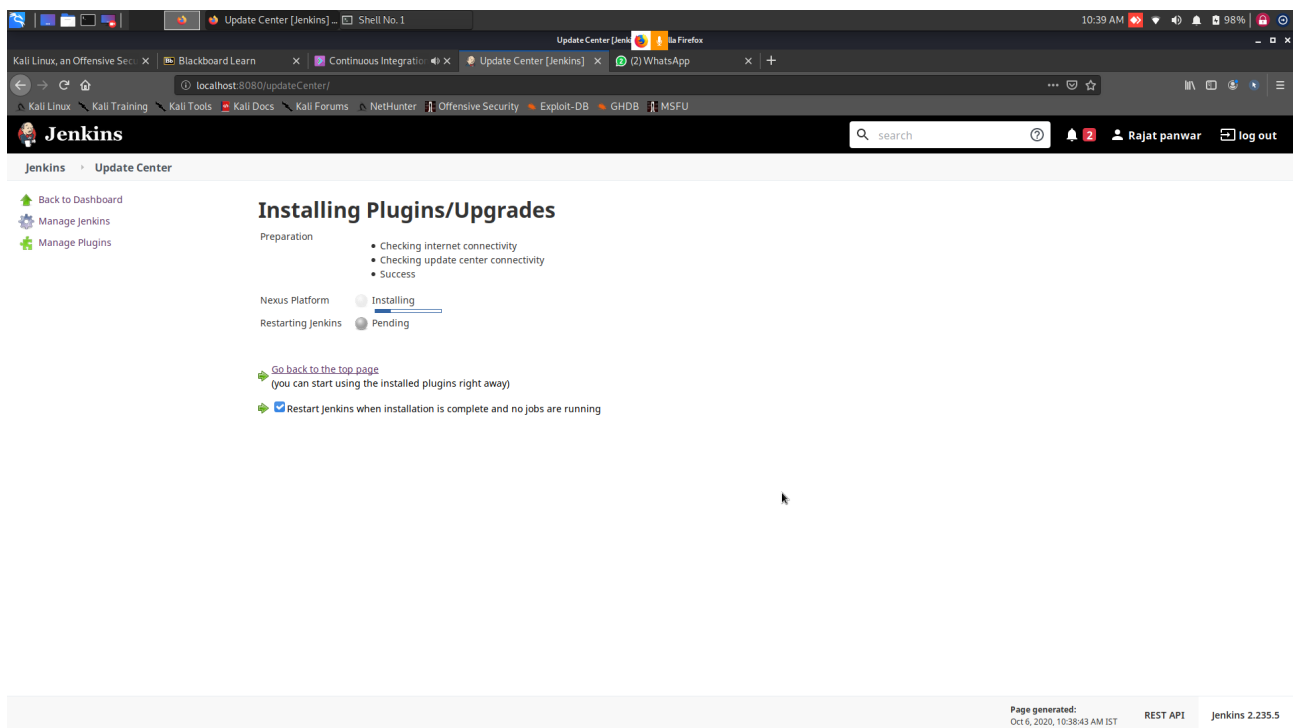


NAME- RAJAT PANWAR
ROLL NO- R171218080
SAP ID- 500069414

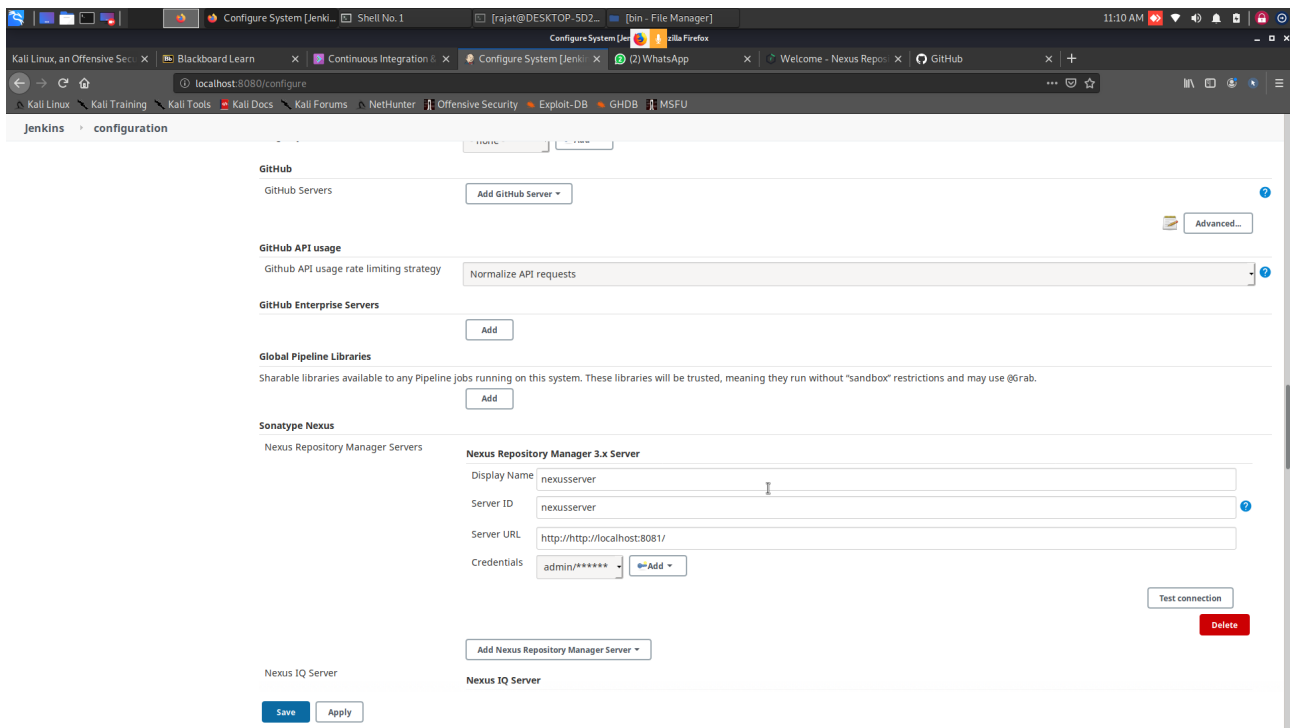
EXPERIMENT-10

AIM- Nexus Integration with jenkins

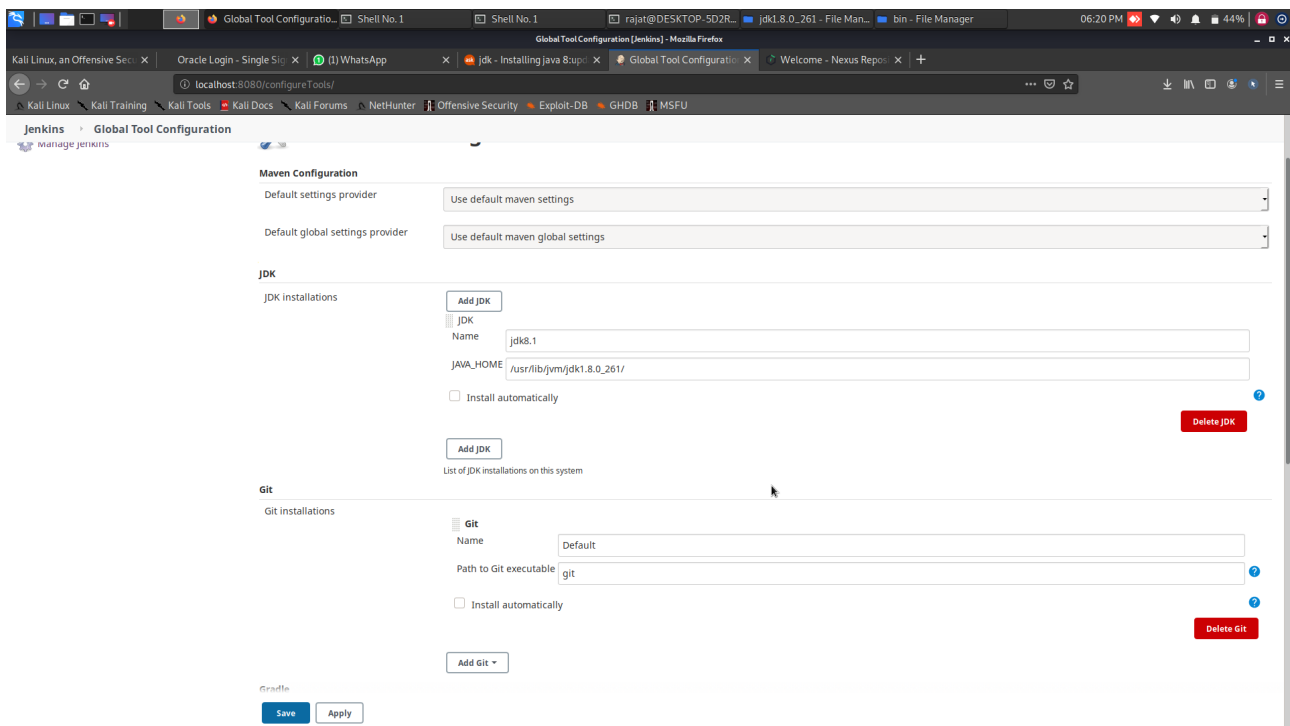


The screenshot displays the Jenkins Update Center interface in a web browser. The browser's address bar shows the URL `localhost:8080/updateCenter/`. The Jenkins header includes the logo, a search bar, a notification bell with 2 alerts, the user name "Rajat panwar", and a "log out" link. The left sidebar contains links for "Back to Dashboard", "Manage Jenkins", and "Manage Plugins". The main content area is titled "Installing Plugins/Upgrades" and shows the progress of the installation. Under the "Preparation" section, there are three steps: "Checking internet connectivity", "Checking update center connectivity", and "Success". The "Nexus Platform" is currently in the "Installing" state, indicated by a progress bar. The "Restarting Jenkins" step is in the "Pending" state. Below the progress bar, there is a link to "Go back to the top page" and a checkbox labeled "Restart Jenkins when installation is complete and no jobs are running" which is checked. The footer of the page shows "Page generated: Oct 6, 2020, 10:38:43 AM IST", "REST API", and "Jenkins 2.235.5".

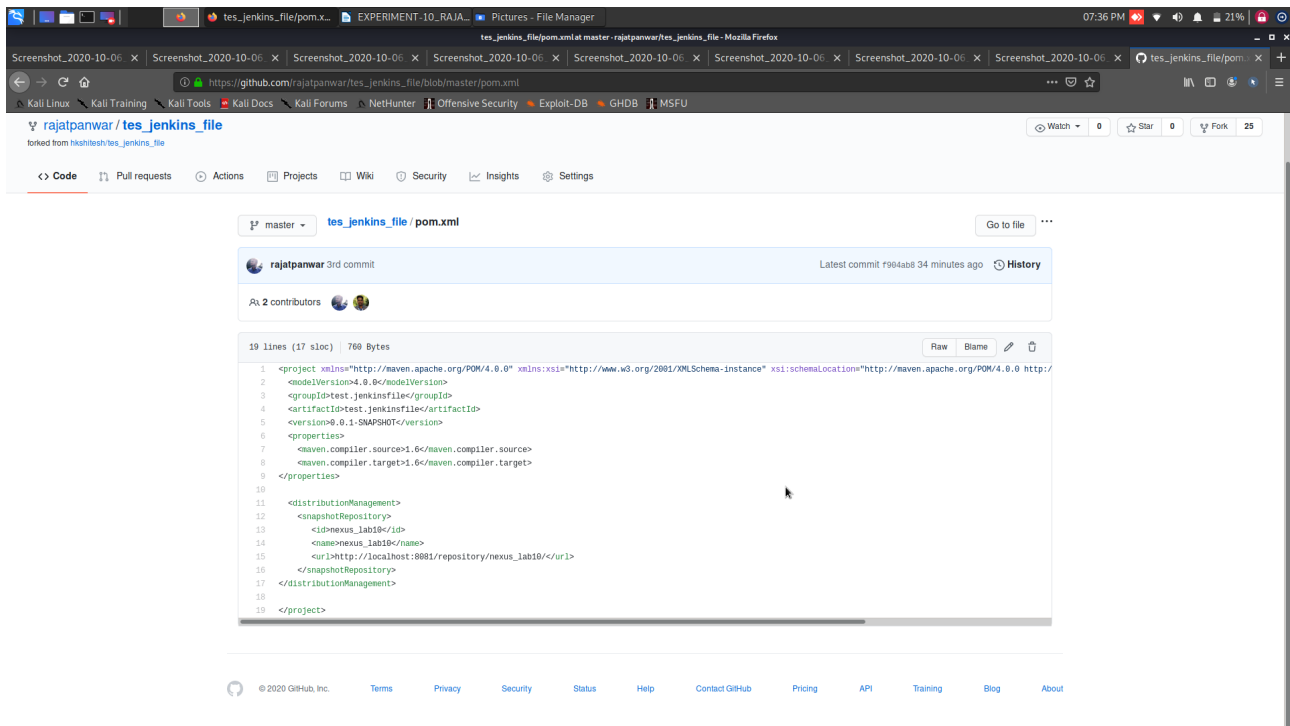
configuration of nexus:-



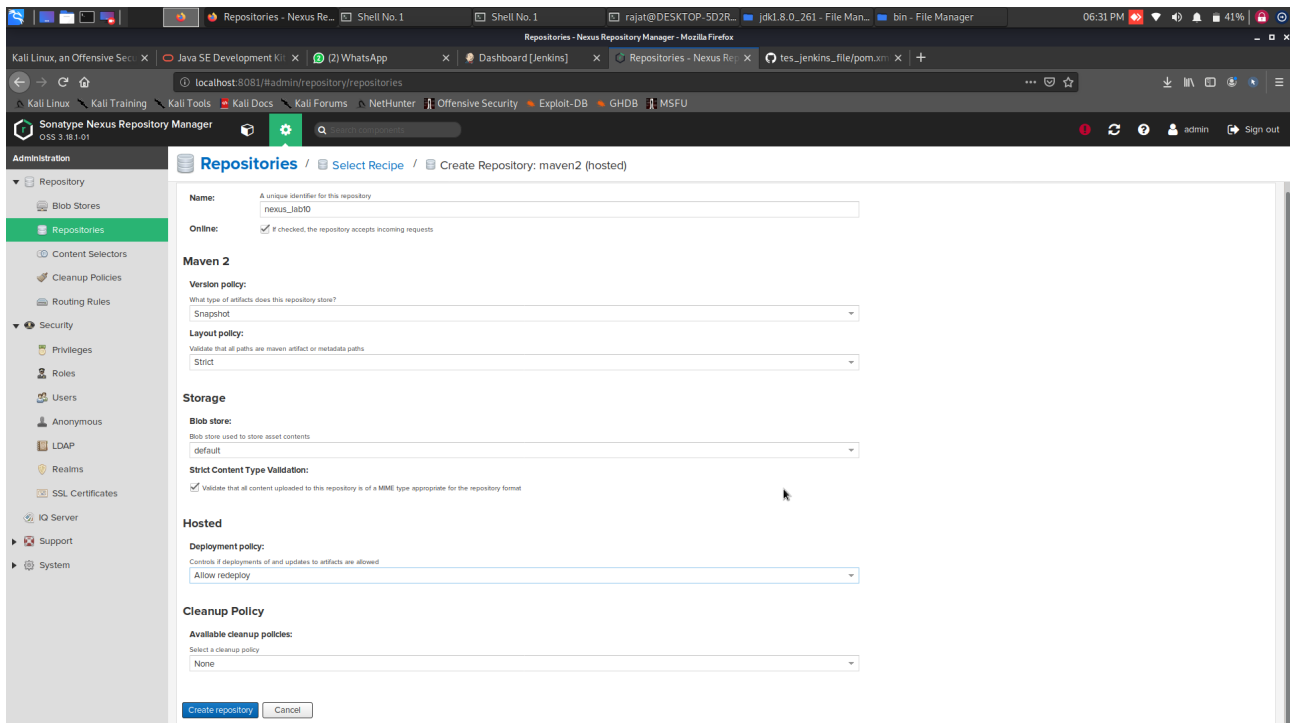
configuration of jdk:-

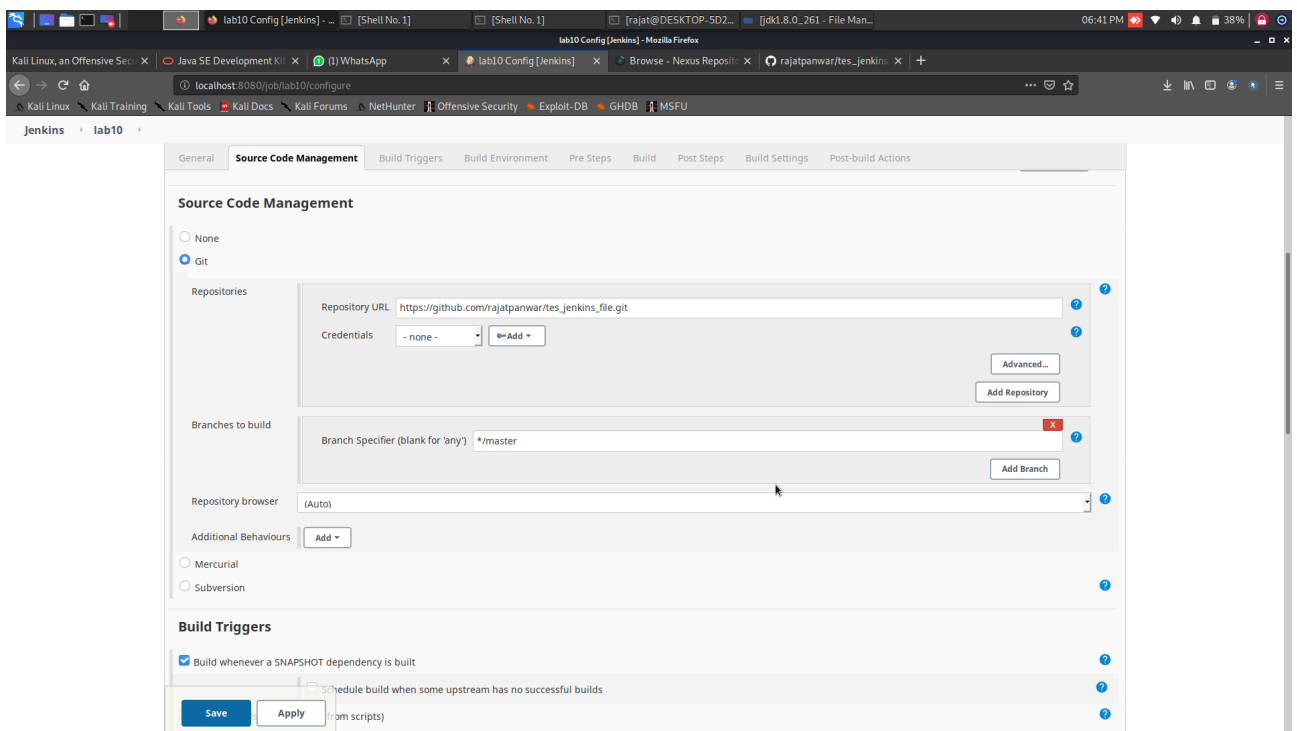
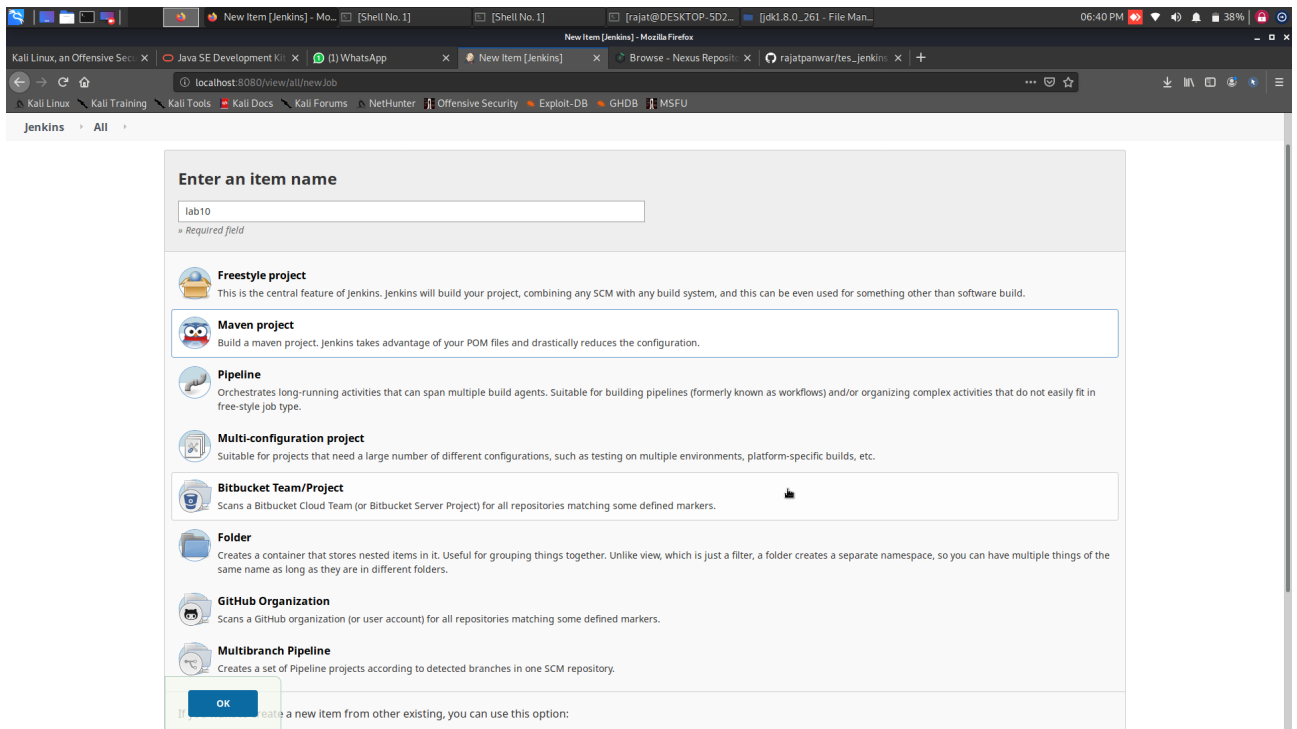


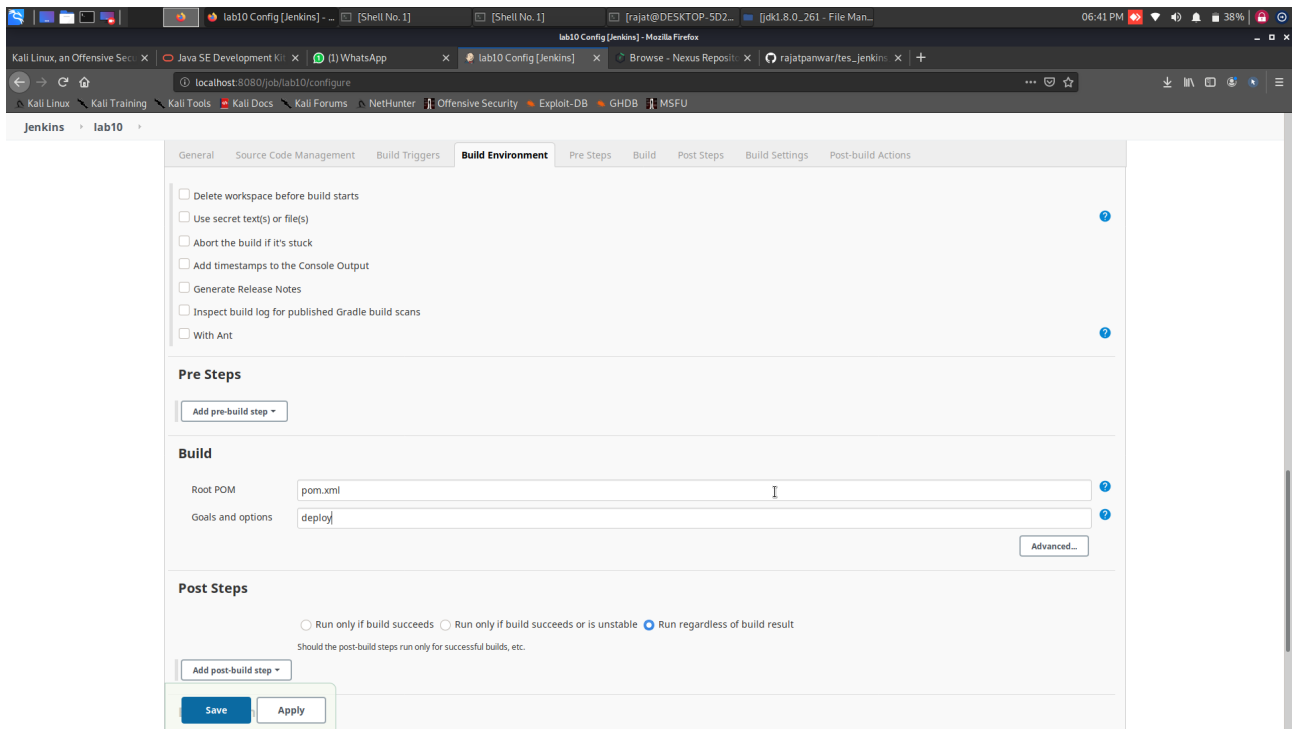
configure maven project pom.xml file



create nexus repository







console output:-

```
lab10 #4 Console [Jenkins] - settings.xml (/usr/share/...) [Shell No. 1] conf - File Manager 07:16 PM 27%

Jenkins lab10 #4

[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ test.jenkinsfile ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory /var/lib/jenkins/workspace/lab10/src/test/resources
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ test.jenkinsfile ---
[INFO] No sources to compile
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ test.jenkinsfile ---
[INFO] No tests to run.
[JENKINS] Recording test results
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ test.jenkinsfile ---
[INFO] Building jar: /var/lib/jenkins/workspace/lab10/target/test.jenkinsfile-0.0.1-SNAPSHOT.jar
[INFO] --- maven-install-plugin:2.4:install (default-install) @ test.jenkinsfile ---
[INFO] Installing /var/lib/jenkins/workspace/lab10/target/test.jenkinsfile-0.0.1-SNAPSHOT.jar to /var/lib/jenkins/.m2/repository/test/jenkinsfile/test.jenkinsfile/0.0.1-SNAPSHOT
/test.jenkinsfile-0.0.1-SNAPSHOT.jar
[INFO] Installing /var/lib/jenkins/workspace/lab10/pom.xml to /var/lib/jenkins/.m2/repository/test/jenkinsfile/test.jenkinsfile/0.0.1-SNAPSHOT/test.jenkinsfile-0.0.1-SNAPSHOT.pom
[INFO] --- maven-deploy-plugin:2.7:deploy (default-deploy) @ test.jenkinsfile ---
[INFO] Downloading from nexus_lab10: http://localhost:8081/repository/nexus_lab10/test/jenkinsfile/test.jenkinsfile/0.0.1-SNAPSHOT/maven-metadata.xml
[INFO] Uploading to nexus_lab10: http://localhost:8081/repository/nexus_lab10/test/jenkinsfile/test.jenkinsfile/0.0.1-20201006.134333-1.jar (2.3 kB at 5.0 kB/s)
[INFO] Uploading to nexus_lab10: http://localhost:8081/repository/nexus_lab10/test/jenkinsfile/test.jenkinsfile/0.0.1-20201006.134333-1.pom (760 B at 4.9 kB/s)
[INFO] Downloading from nexus_lab10: http://localhost:8081/repository/nexus_lab10/test/jenkinsfile/test.jenkinsfile/maven-metadata.xml
[INFO] Uploading to nexus_lab10: http://localhost:8081/repository/nexus_lab10/test/jenkinsfile/test.jenkinsfile/0.0.1-SNAPSHOT/maven-metadata.xml (782 B at 6.5 kB/s)
[INFO] Uploading to nexus_lab10: http://localhost:8081/repository/nexus_lab10/test/jenkinsfile/test.jenkinsfile/maven-metadata.xml
[INFO] Uploading to nexus_lab10: http://localhost:8081/repository/nexus_lab10/test/jenkinsfile/test.jenkinsfile/maven-metadata.xml (292 B at 1.9 kB/s)
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.345 s
[INFO] Finished at: 2020-10-06T19:13:35+05:30
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving /var/lib/jenkins/workspace/lab10/pom.xml to test.jenkinsfile/test.jenkinsfile/0.0.1-SNAPSHOT/test.jenkinsfile-0.0.1-SNAPSHOT.pom
[JENKINS] Archiving /var/lib/jenkins/workspace/lab10/target/test.jenkinsfile-0.0.1-SNAPSHOT.jar to test.jenkinsfile/test.jenkinsfile/0.0.1-20201006.134333-1/test.jenkinsfile-0.0.1-20201006.134333-1.jar
channel stopped
Finished: SUCCESS
```

