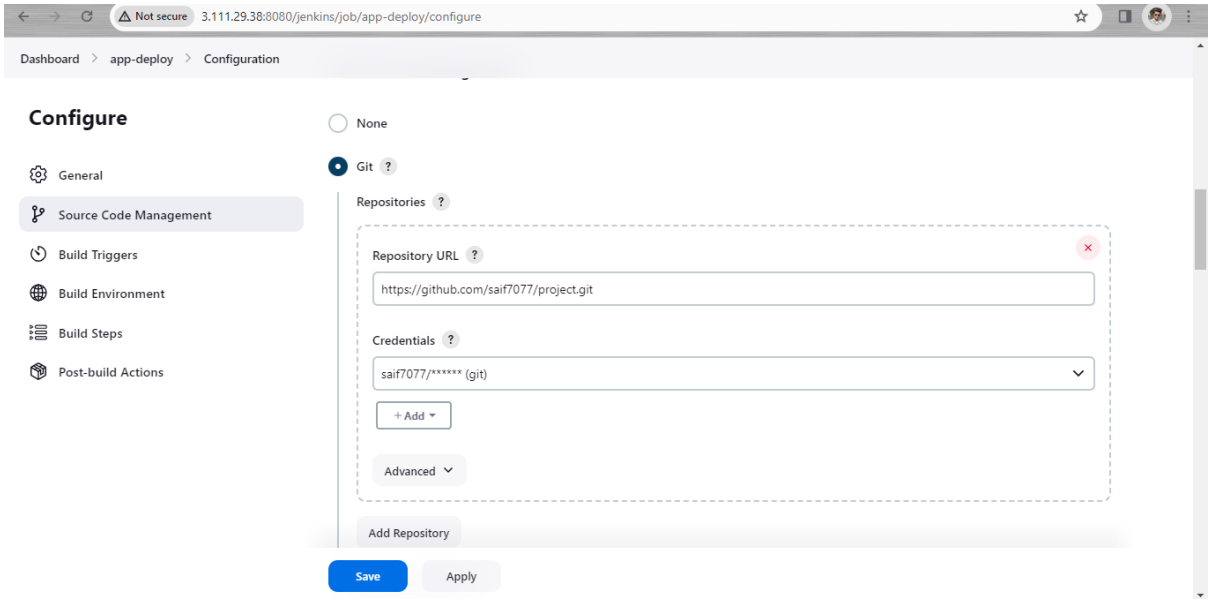
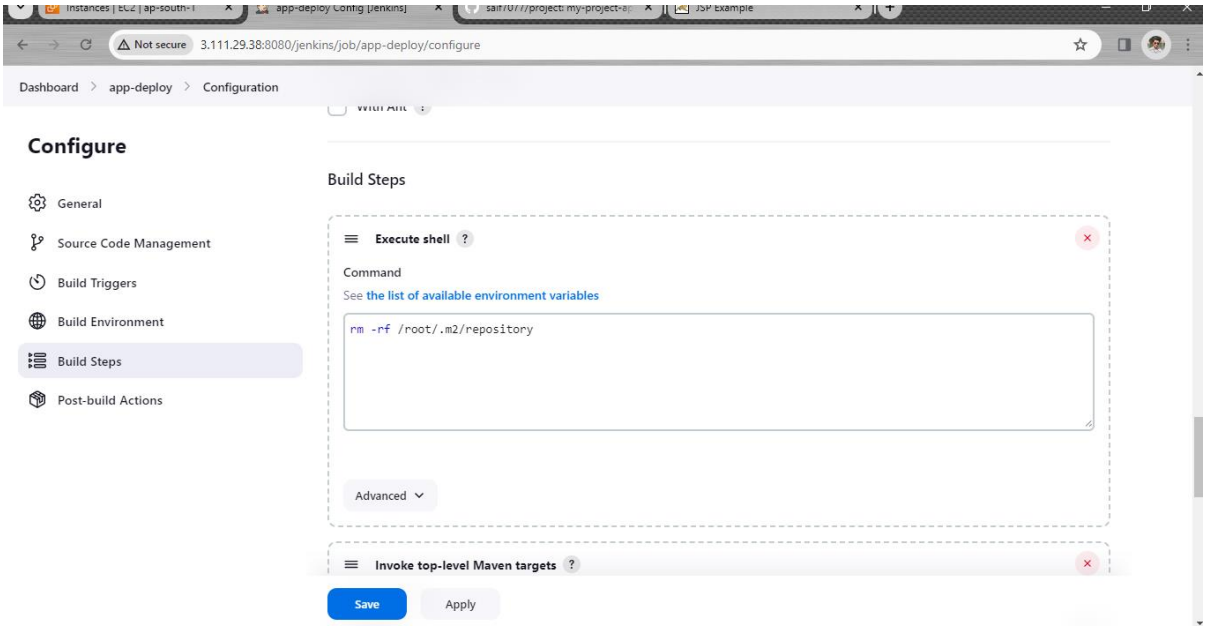
Assignment 2 :- Building a job to deploy application on Tomcat server using **Jenkins** Automation Tool

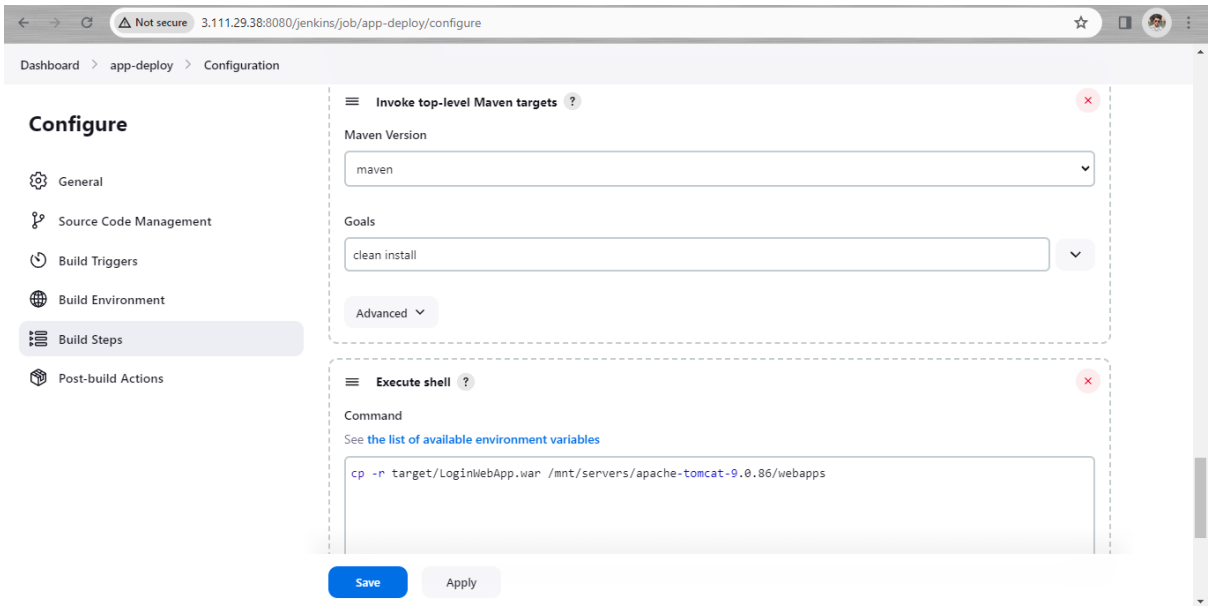
1.



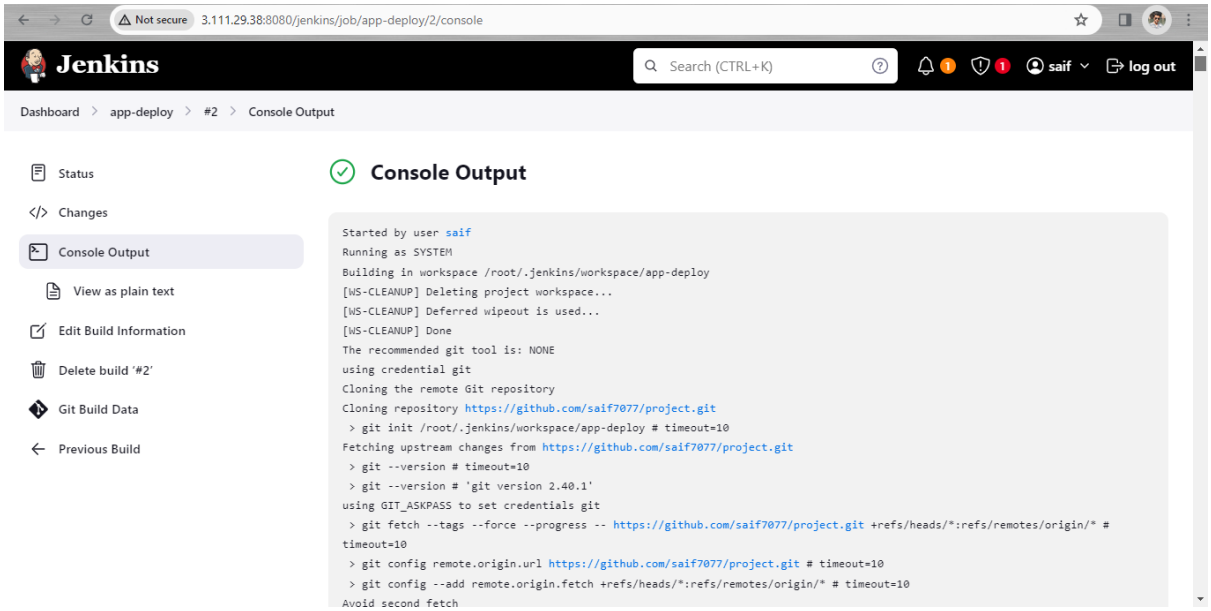
2.



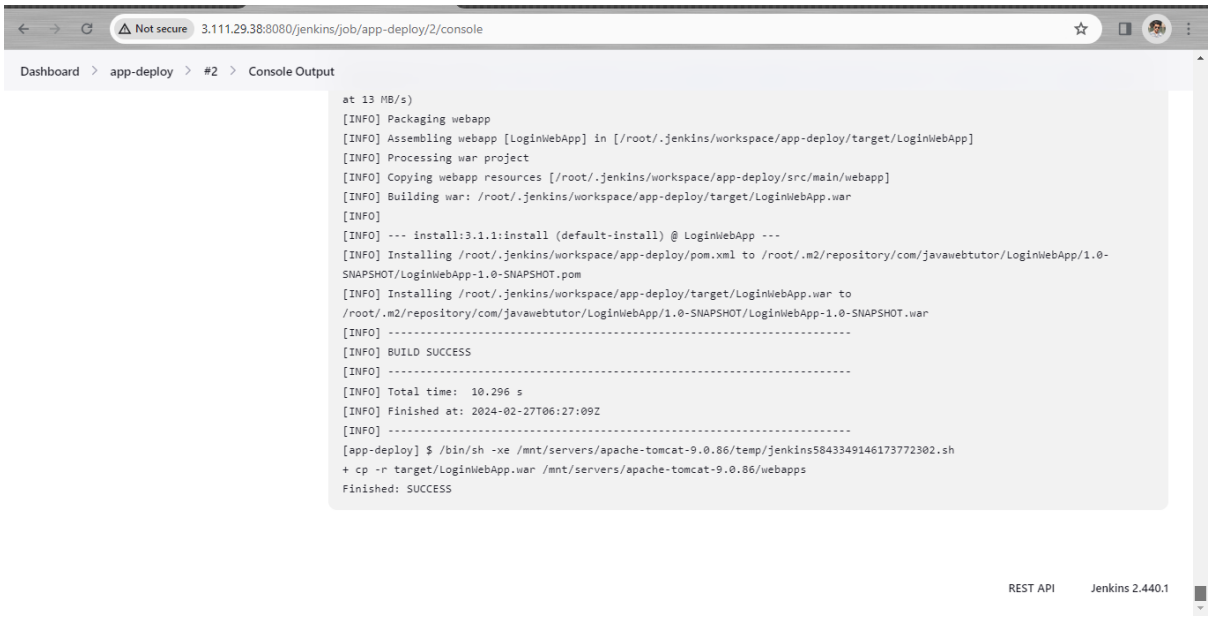
3.


Not secure 3.111.29.38:8080/jenkins/job/app-deploy/configure
Dashboard > app-deploy > Configuration
Configure
General
Source Code Management
Build Triggers
Build Environment
Build Steps
Post-build Actions
Invoke top-level Maven targets
Maven Version
maven
Goals
clean install
Advanced
Execute shell
Command
See the list of available environment variables
cp -r target/LoginWebApp.war /mnt/servers/apache-tomcat-9.0.86/webapps
Save
Apply

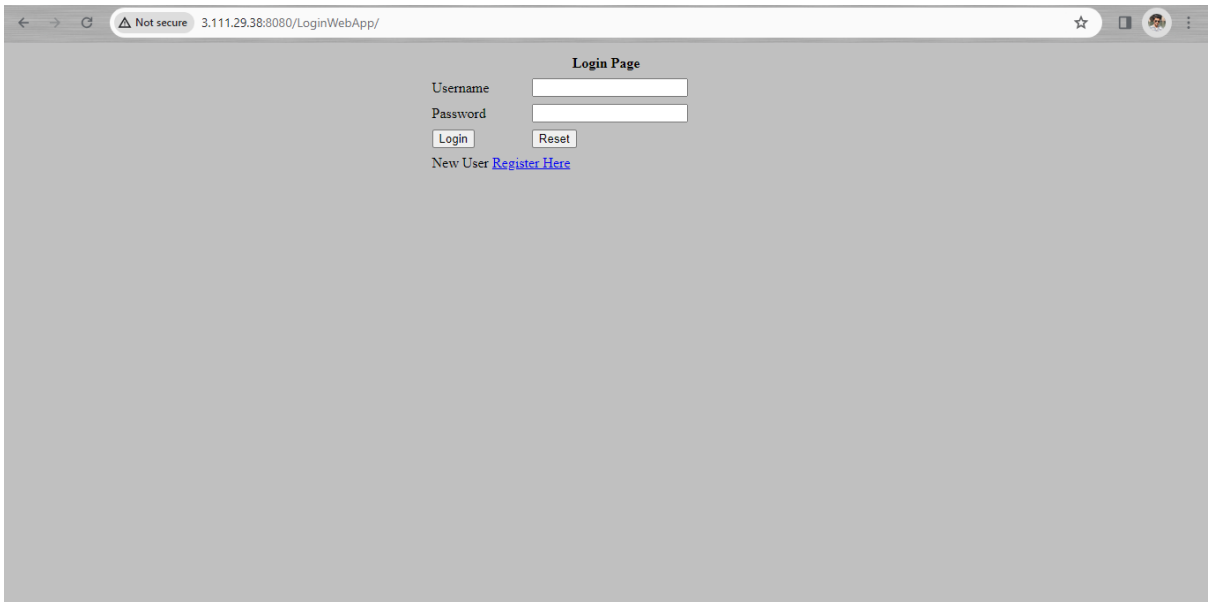
4.


Not secure 3.111.29.38:8080/jenkins/job/app-deploy/2/console
Jenkins
Search (CTRL+K)
saif
log out
Dashboard > app-deploy > #2 > Console Output
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#2'
Git Build Data
Previous Build
Console Output
Started by user saif
Running as SYSTEM
Building in workspace /root/.jenkins/workspace/app-deploy
[WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] Done
The recommended git tool is: NONE
using credential git
Cloning the remote Git repository
Cloning repository https://github.com/saif7077/project.git
> git init /root/.jenkins/workspace/app-deploy # timeout=10
Fetching upstream changes from https://github.com/saif7077/project.git
> git --version # timeout=10
> git --version # 'git version 2.40.1'
using GIT_ASKPASS to set credentials git
> git fetch --tags --force --progress -- https://github.com/saif7077/project.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/saif7077/project.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch

5.


Not secure 3.111.29.38:8080/jenkins/job/app-deploy/2/console
Dashboard > app-deploy > #2 > Console Output
at 13 MB/s)
[INFO] Packaging webapp
[INFO] Assembling webapp [LoginWebApp] in [/root/.jenkins/workspace/app-deploy/target/LoginWebApp]
[INFO] Processing war project
[INFO] Copying webapp resources [/root/.jenkins/workspace/app-deploy/src/main/webapp]
[INFO] Building war: /root/.jenkins/workspace/app-deploy/target/LoginWebApp.war
[INFO]
[INFO] --- install:3.1.1:install (default-install) @ LoginWebApp ---
[INFO] Installing /root/.jenkins/workspace/app-deploy/pom.xml to /root/.m2/repository/com/javawebtutor/LoginWebApp/1.0-SNAPSHOT/LoginWebApp-1.0-SNAPSHOT.pom
[INFO] Installing /root/.jenkins/workspace/app-deploy/target/LoginWebApp.war to /root/.m2/repository/com/javawebtutor/LoginWebApp/1.0-SNAPSHOT/LoginWebApp-1.0-SNAPSHOT.war
[INFO] --
[INFO] BUILD SUCCESS
[INFO] --
[INFO] Total time: 10.296 s
[INFO] Finished at: 2024-02-27T06:27:09Z
[INFO] --
[app-deploy] $ /bin/sh -xe /mnt/servers/apache-tomcat-9.0.86/temp/jenkins5843349146173772302.sh
+ cp -r target/LoginWebApp.war /mnt/servers/apache-tomcat-9.0.86/webapps
Finished: SUCCESS
REST API
Jenkins 2.440.1

6.


Not secure 3.111.29.38:8080/LoginWebApp/
Login Page
Username
Password
Login
Reset
New User Register Here