Assignment - 2 - Jenkins Maven Project

1. Download and install apache maven and set the environmental variables for apache-maven.
2. Have java lower version like jdk 8 or jdk 11
3. Create new project ex: maven_project
4. Select Freestyle project and proceed 'Next'
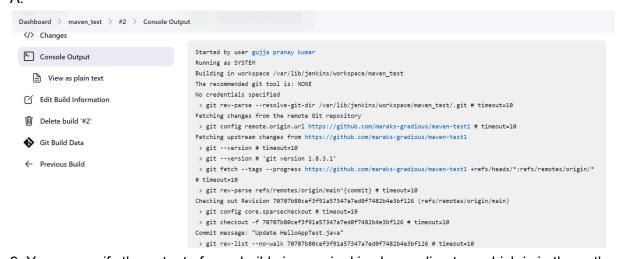5. Select the source code management as git , provide the repository url as Below
https://github.com/maraks-gradious/maven-test1
6. In the branches to build, modify master to main
7. Modify the build step as below
A: project name is maven_test

☰ **Execute shell** ?   ✕

Command

See the list of available environment variables

```
/usr/local/src/apache-maven-3.9.5/bin/mvn clean verify > /dev/null
```

---

8. You can see the console output as below
A:

Dashboard > maven_test > #2 > Console Output

</> Changes

▣ Console Output

📄 View as plain text

✏ Edit Build Information

🗑 Delete build '#2'

◆ Git Build Data

← Previous Build

```
Started by user gujja pranay kumar
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/maven_test
The recommended git tool is: NONE
No credentials specified
 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/maven_test/.git # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url https://github.com/maraks-gradious/maven-test1 # timeout=10
Fetching upstream changes from https://github.com/maraks-gradious/maven-test1
 > git --version # timeout=10
 > git --version # 'git version 1.8.3.1'
 > git fetch --tags --progress https://github.com/maraks-gradious/maven-test1 +refs/heads/*:refs/remotes/origin/*
# timeout=10
 > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 70707b80cef3f91a57347a7ed0f7482b4e3bf126 (refs/remotes/origin/main)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f 70707b80cef3f91a57347a7ed0f7482b4e3bf126 # timeout=10
Commit message: "Update HelloAppTest.java"
 > git rev-list --no-walk 70707b80cef3f91a57347a7ed0f7482b4e3bf126 # timeout=10
```

9. You can verify the output of your builds in your jenkins home directory which is in the path
A:

```
[pranay@localhost ~]$ cd /var/lib/jenkins/workspace/
You have new mail in /var/spool/mail/pranay
[pranay@localhost workspace]$ ls
maven_project  maven_test  new_item
```