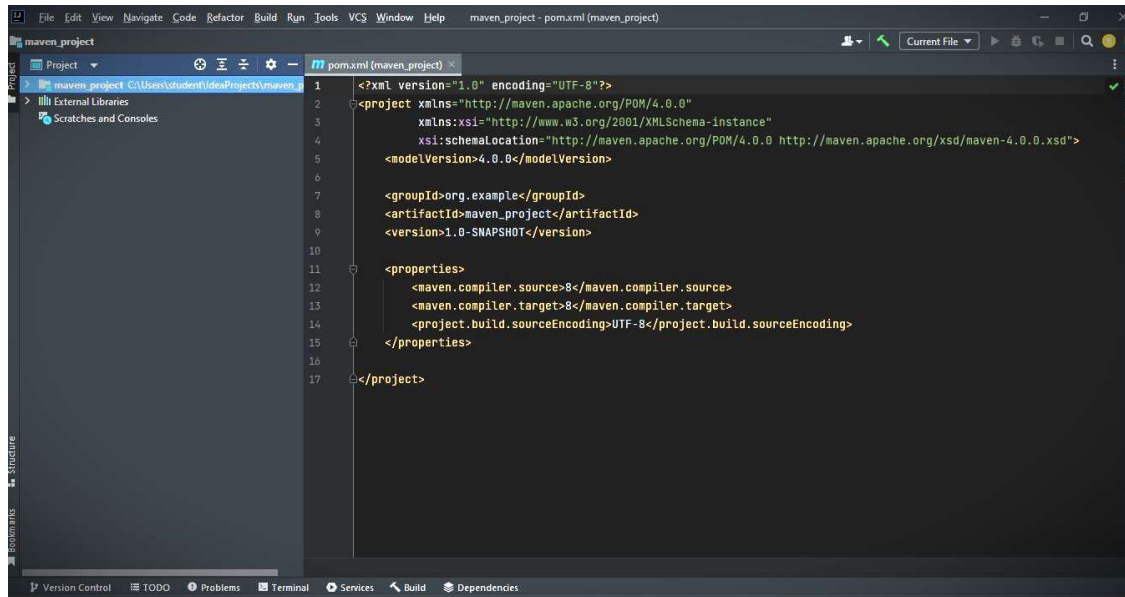


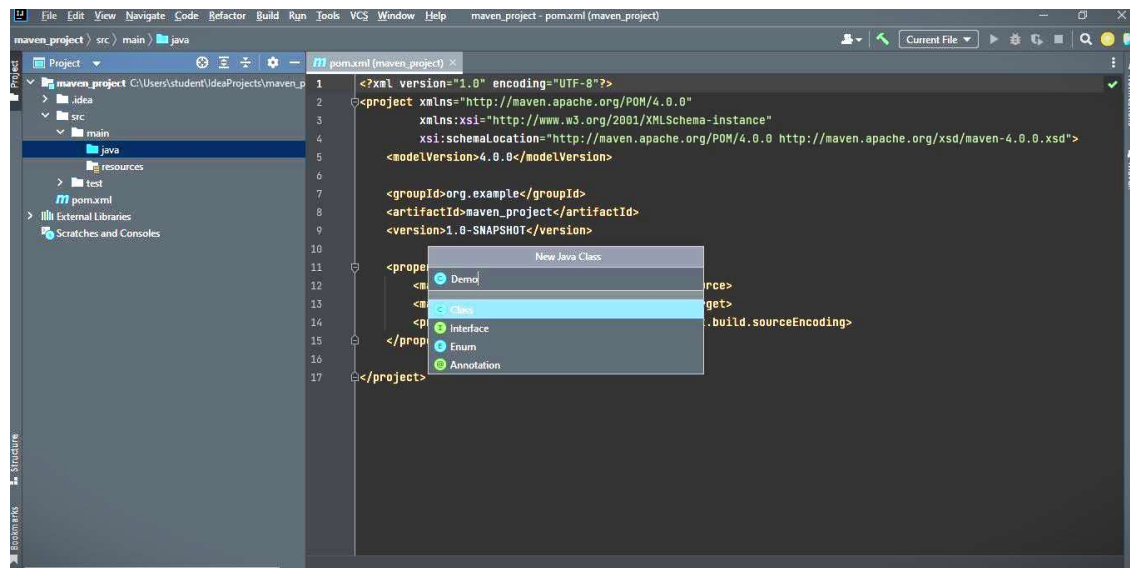
## Experiment No-06

### Title-To build the pipeline of jobs using Maven

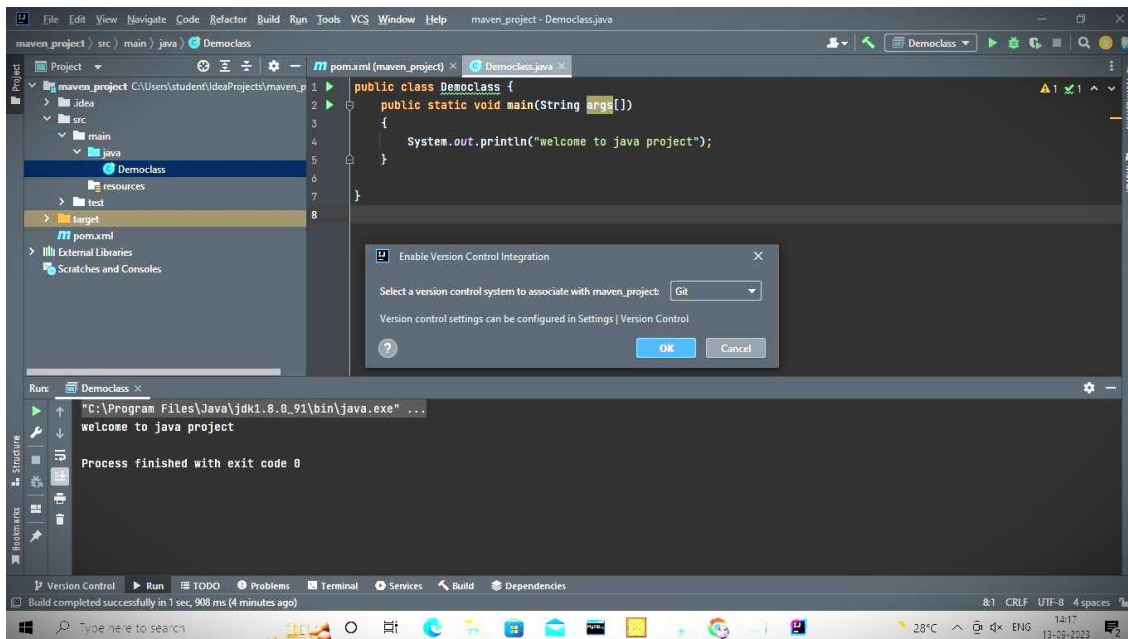
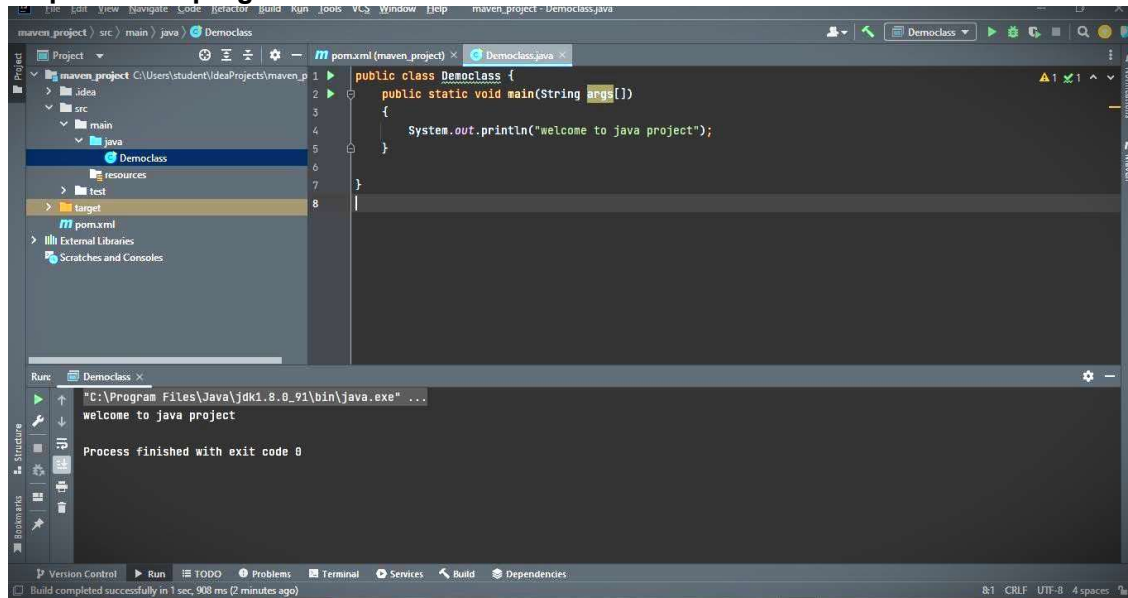
#### Creating MAVEN PROJECT ON IntelliJ IDEA-



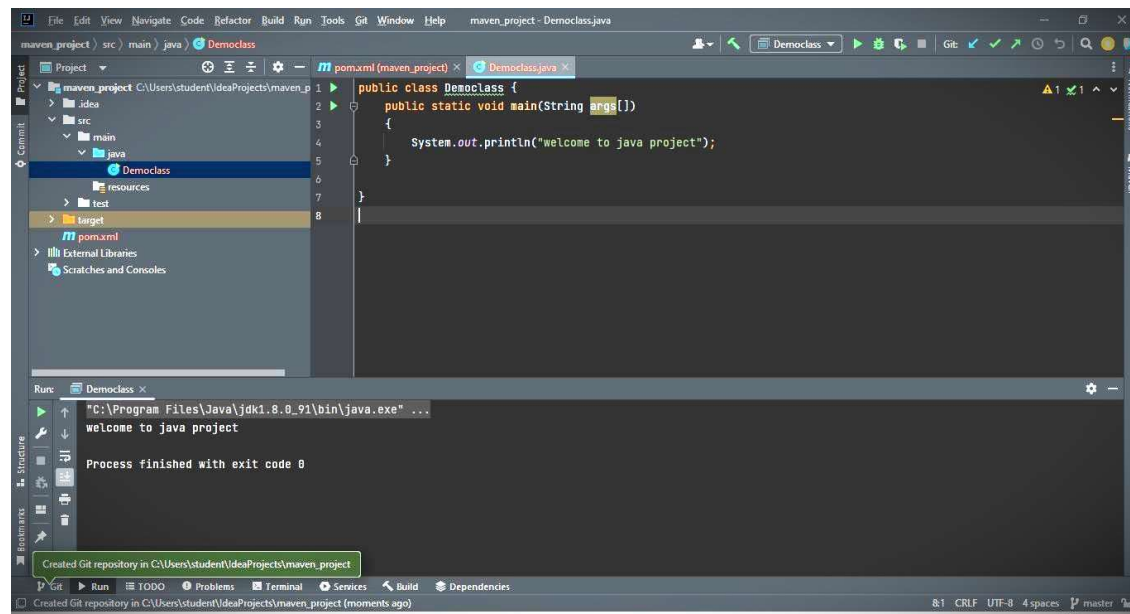
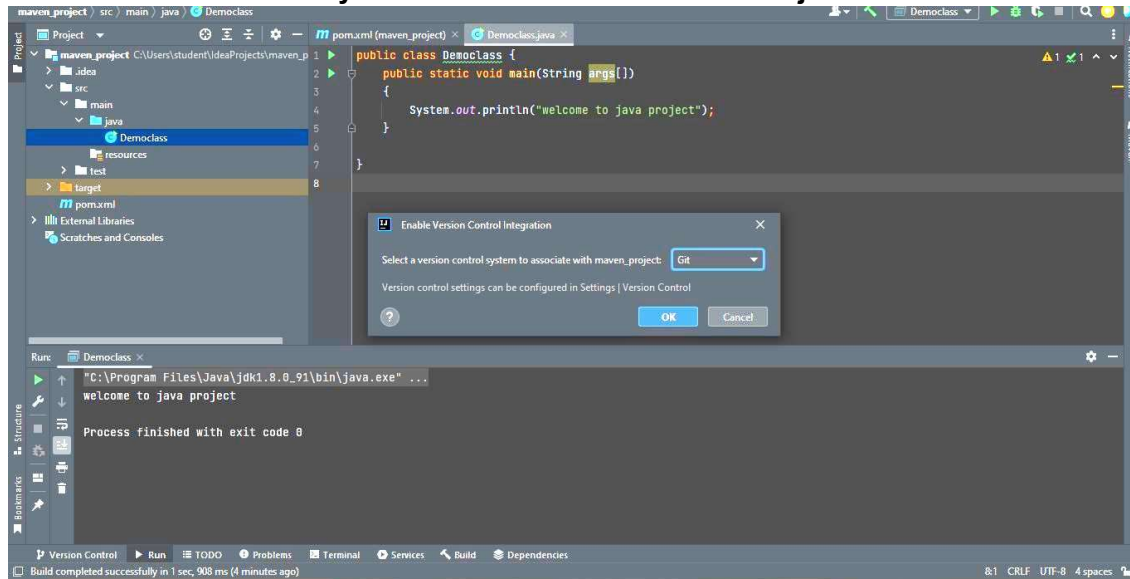
#### Project Created-

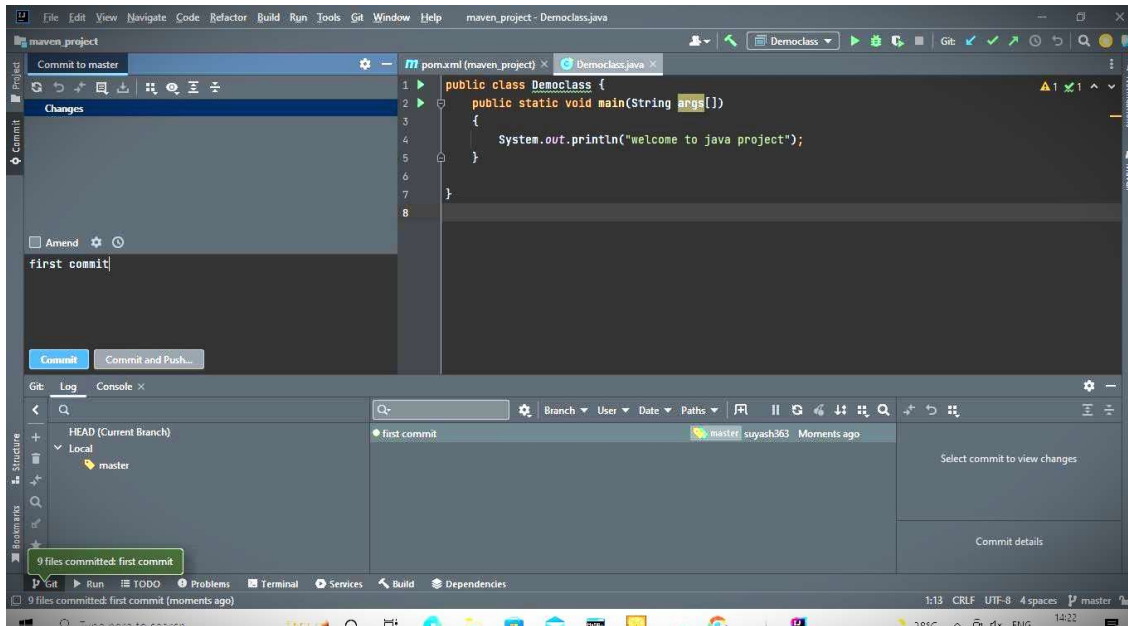


## Output of first program first commit-

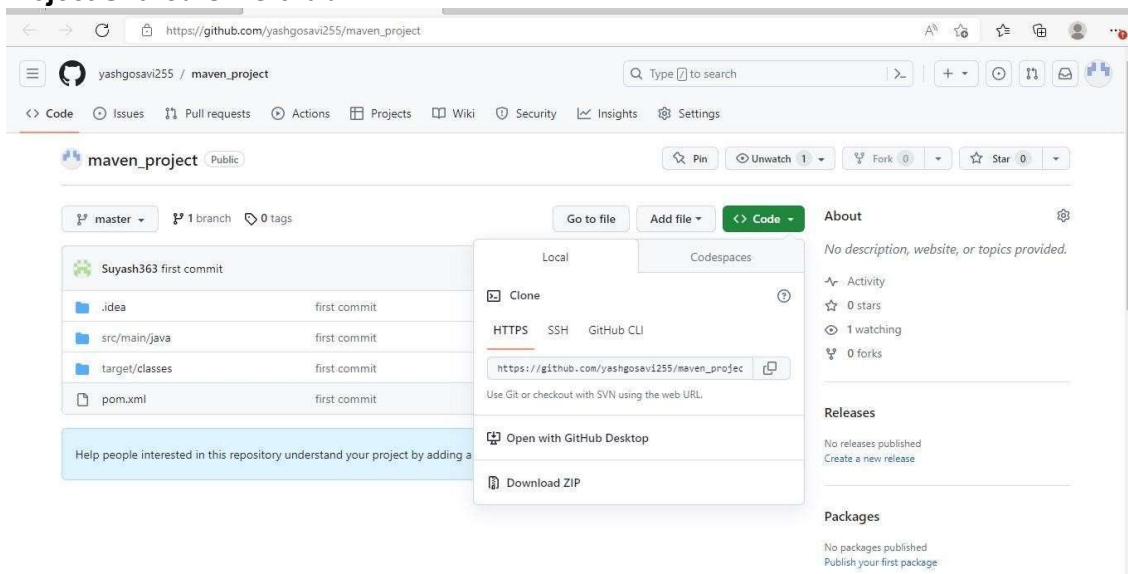


## Select a Version control system to Associate with Maven Project-





## Project Shared On Github-



## MAVEN JOB CREATION-

New Item [Jenkins]Maven Repository: Search/BrowseMaven - Guide to Naming ConventionsGitHub

localhost:8080/view/all/newJob

Jenkins

Search (CTRL+K)

admin log out

Dashboard > All >

Enter an item name

» Required field

**Freestyle project**  
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

**Maven project**  
Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.

**Pipeline**  
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

**Configuration project**  
Builds for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds etc.

OK

Time to search

14:42

mavenJob1 #1 Console [Jenkins] x GitHub

localhost:8080/job/maven\_job1/1/console

# Jenkins

Search (CTRL+K)

admin log out

Dashboard > mavenJob1 > #1 > Console Output

Status

</> Changes

Console Output

View as plain text

Edit Build Information

Delete build '#1'

Git Build Data

Redeploy Artifacts

See Fingerprints

## Console Output

```
Started by user admin
Running as SYSTEM
Building in workspace C:\ProgramData\Jenkins\jenkins\workspace\maven_job1
The recommended git tool is: NONE
using credential yashgosavi255
Cloning the remote Git repository
Cloning repository https://github.com/yashgosavi255/maven_project
> C:\Users\student\AppData\Local\Programs\Git\bin\git.exe init C:\ProgramData\Jenkins\jenkins\workspace\maven_job1 #
timeout=10
Fetching upstream changes from https://github.com/yashgosavi255/maven_project
> C:\Users\student\AppData\Local\Programs\Git\bin\git.exe --version # timeout=10
> git --version # 'git version 2.41.0.windows.3'
using GIT_ASKPASS to set credentials
> C:\Users\student\AppData\Local\Programs\Git\bin\git.exe fetch --tags --force --progress --
https://github.com/yashgosavi255/maven_project +refs/heads/*:refs/remotes/origin/* # timeout=10
> C:\Users\student\AppData\Local\Programs\Git\bin\git.exe config remote.origin.url
https://github.com/yashgosavi255/maven_project # timeout=10
> C:\Users\student\AppData\Local\Programs\Git\bin\git.exe config --add remote.origin.fetch
+refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
```

mavenJob1 #1 [Jenkins] x GitHub

localhost:8080/job/maven\_job1/1/

# Jenkins

Search (CTRL+K)

admin log out

Dashboard > mavenJob1 > #1

Status

</> Changes

Console Output

Edit Build Information

Delete build '#1'

Git Build Data

Redeploy Artifacts

See Fingerprints

## #1 (13-Sep-2023, 2:48:18 PM)

Keep this build forever

Add description

Started 1 min 12 sec ago  
Took 28 sec

No changes.

Started by user [admin](#)

git

Revision: f51acc0934fbd5360ca6daa07eebf4699b2b1c5  
Repository: [https://github.com/yashgosavi255/maven\\_project](https://github.com/yashgosavi255/maven_project)

- refs/remotes/origin/master

### Module Builds

maven\_project 13 sec

REST API Jenkins 2.419