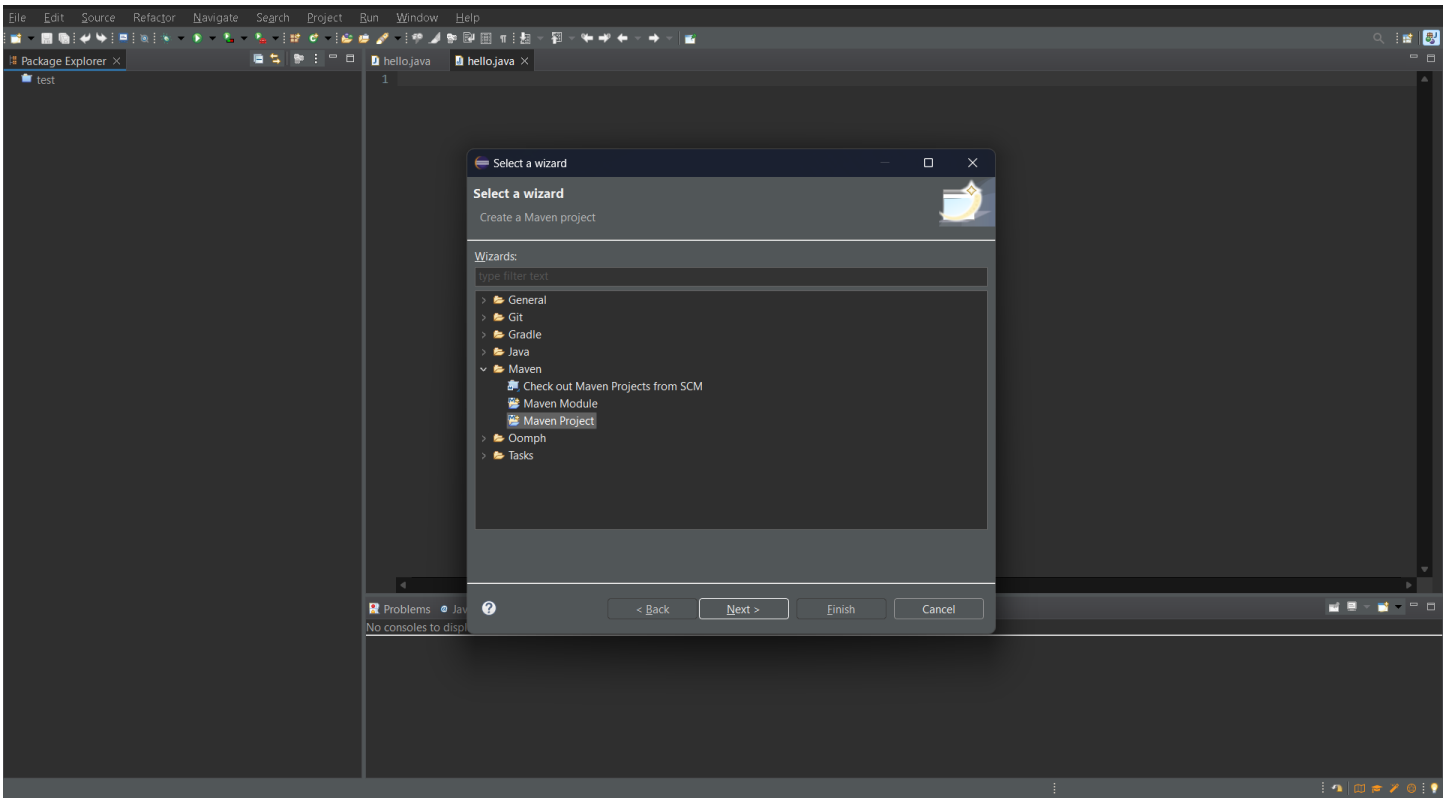
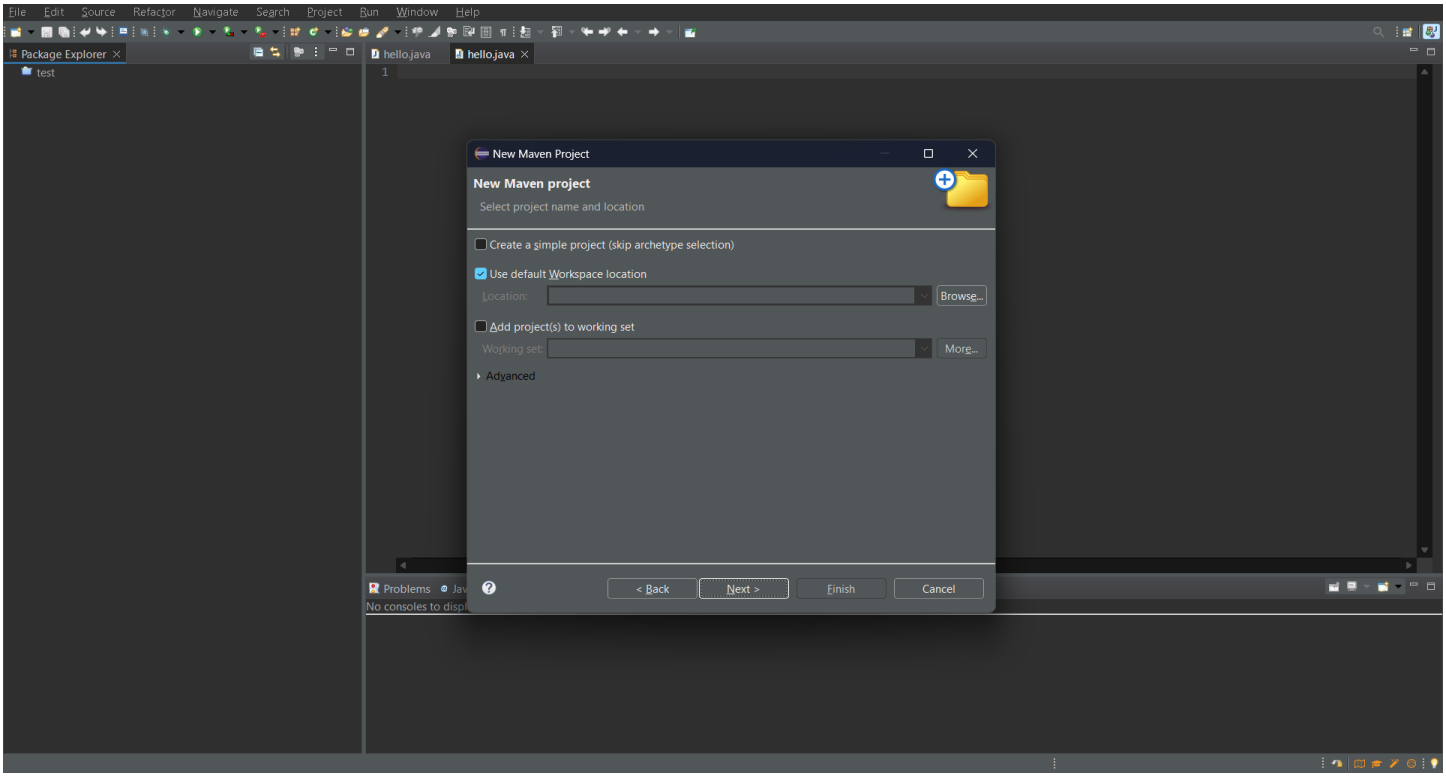
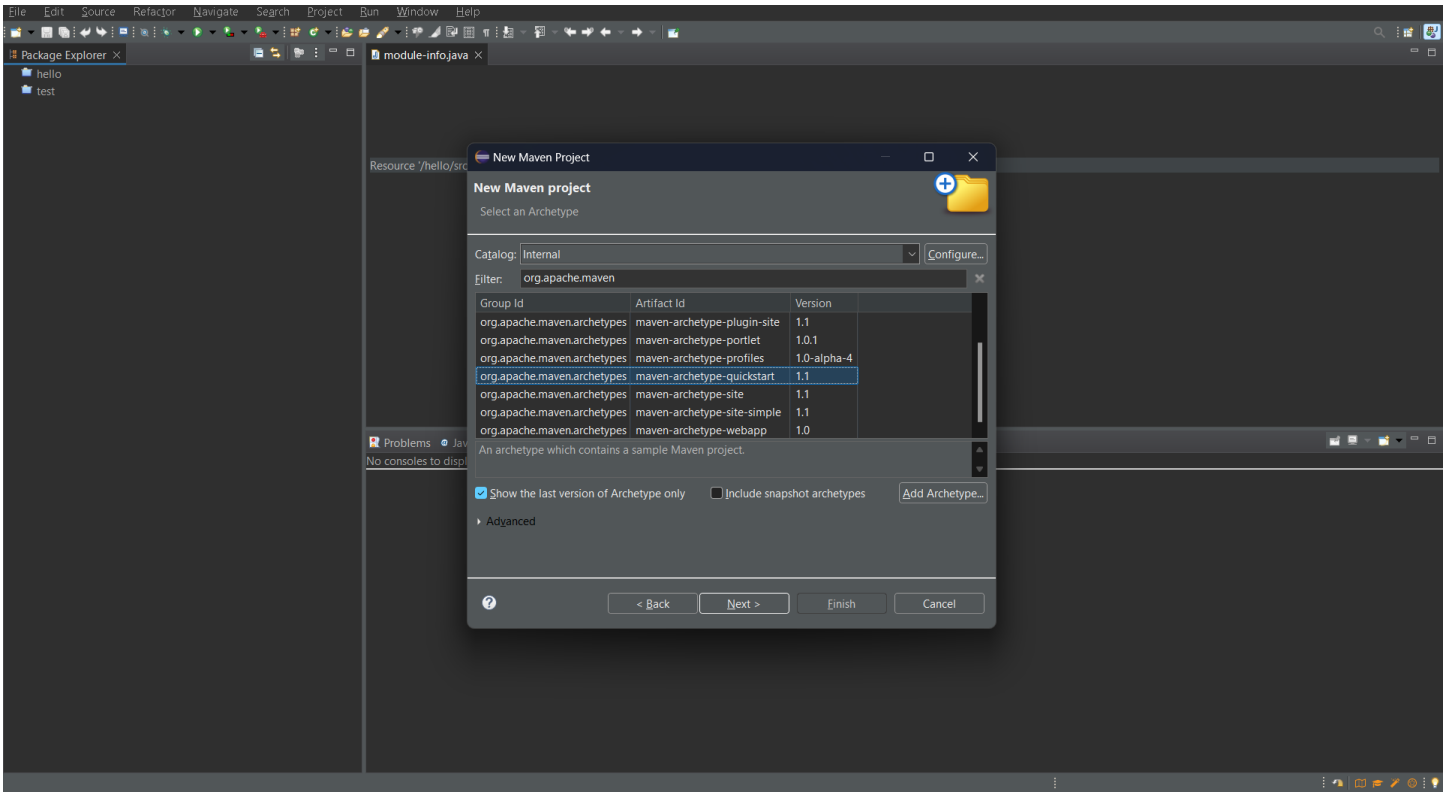
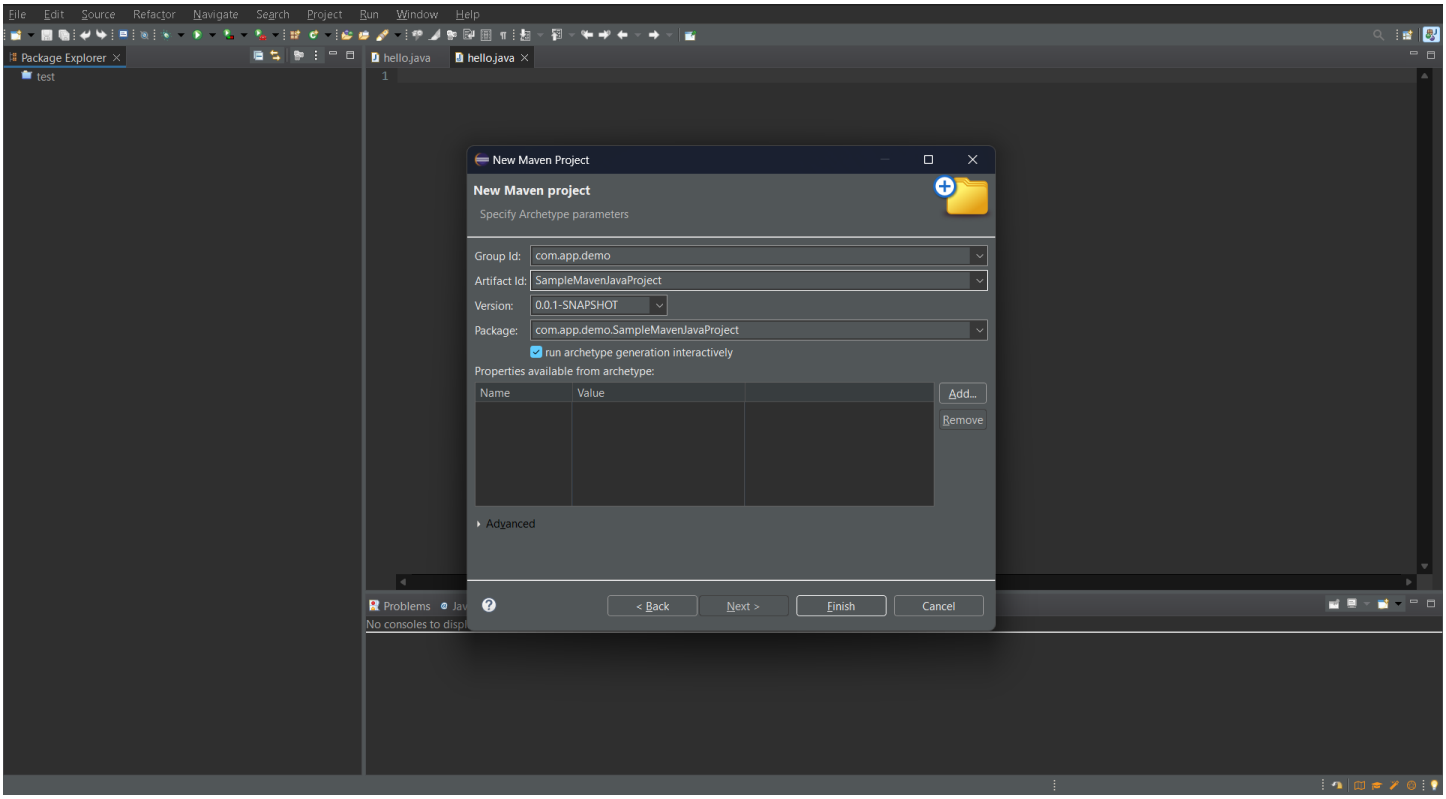
Maven Java Project

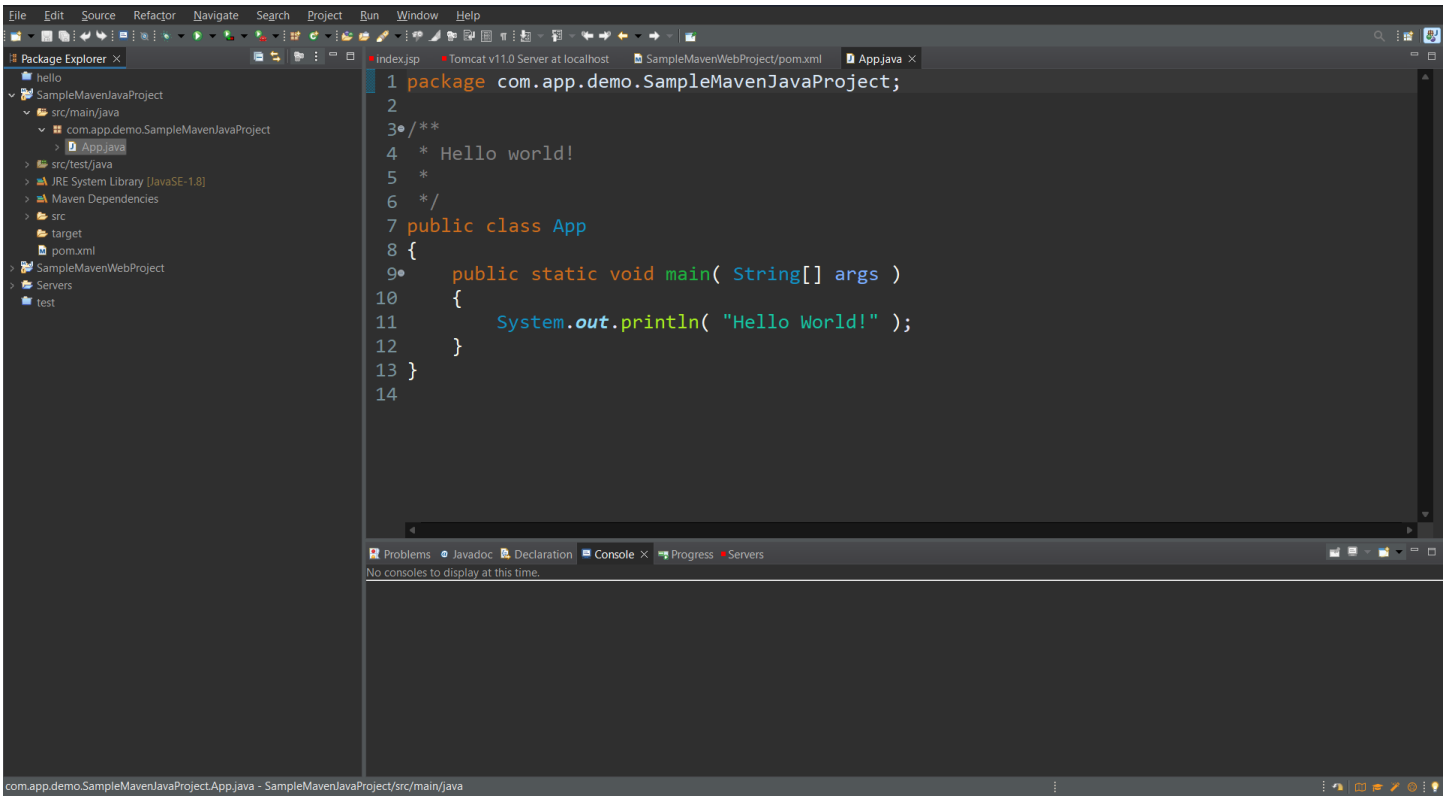
Creating a New Maven Project:



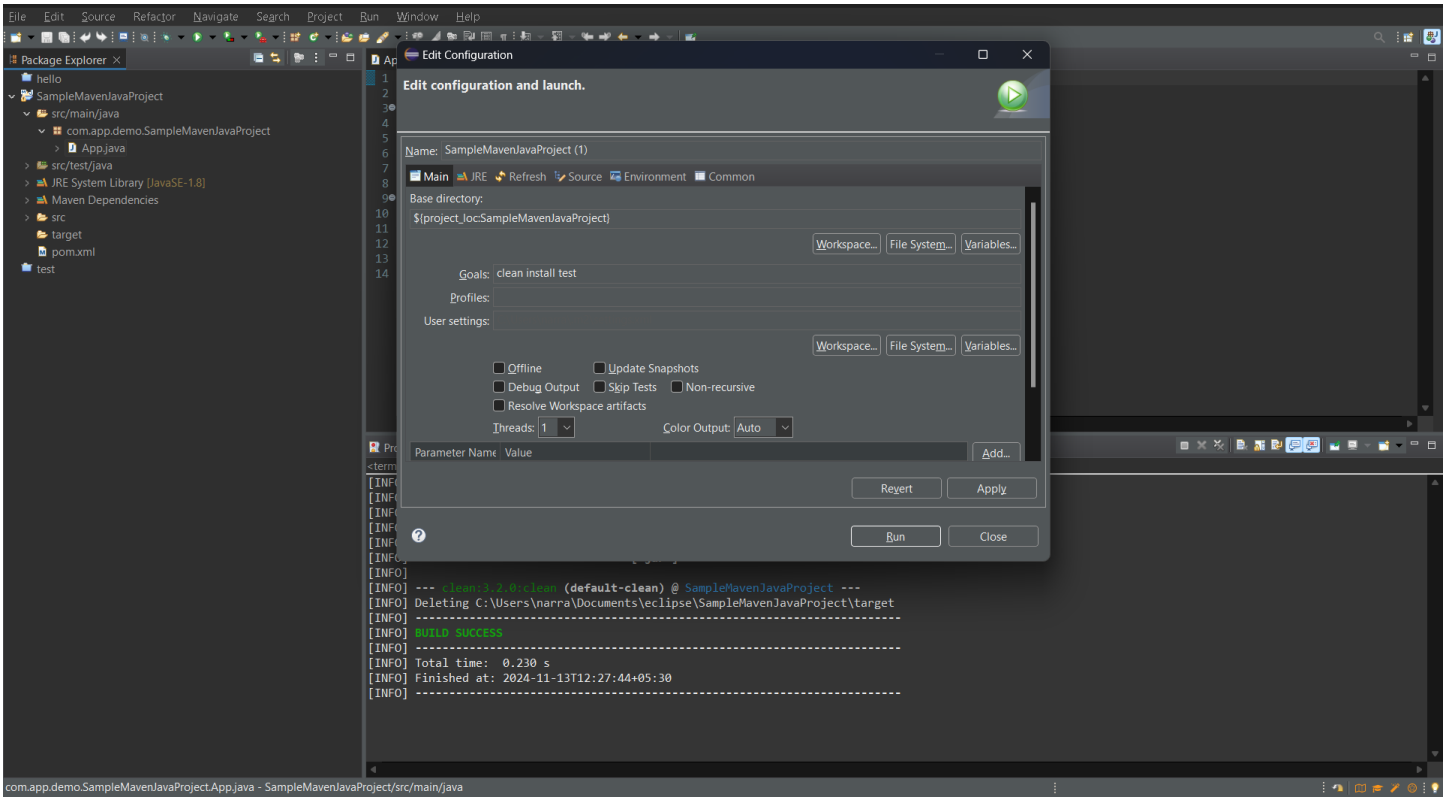



File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
hello
test
module-info.java
New Maven Project
New Maven project
Select an Archetype
Catalog: Internal
Configure...
Filter: org.apache.maven
Group Id
Artifact Id
Version
org.apache.maven.archetypes maven-archetype-plugin-site 1.1
org.apache.maven.archetypes maven-archetype-portlet 1.0.1
org.apache.maven.archetypes maven-archetype-profiles 1.0-alpha-4
org.apache.maven.archetypes maven-archetype-quickstart 1.1
org.apache.maven.archetypes maven-archetype-site 1.1
org.apache.maven.archetypes maven-archetype-site-simple 1.1
org.apache.maven.archetypes maven-archetype-webapp 1.0
An archetype which contains a sample Maven project.
Show the last version of Archetype only
Include snapshot archetypes
Add Archetype...
Advanced
< Back
Next >
Finish
Cancel
Problems
No consoles to display

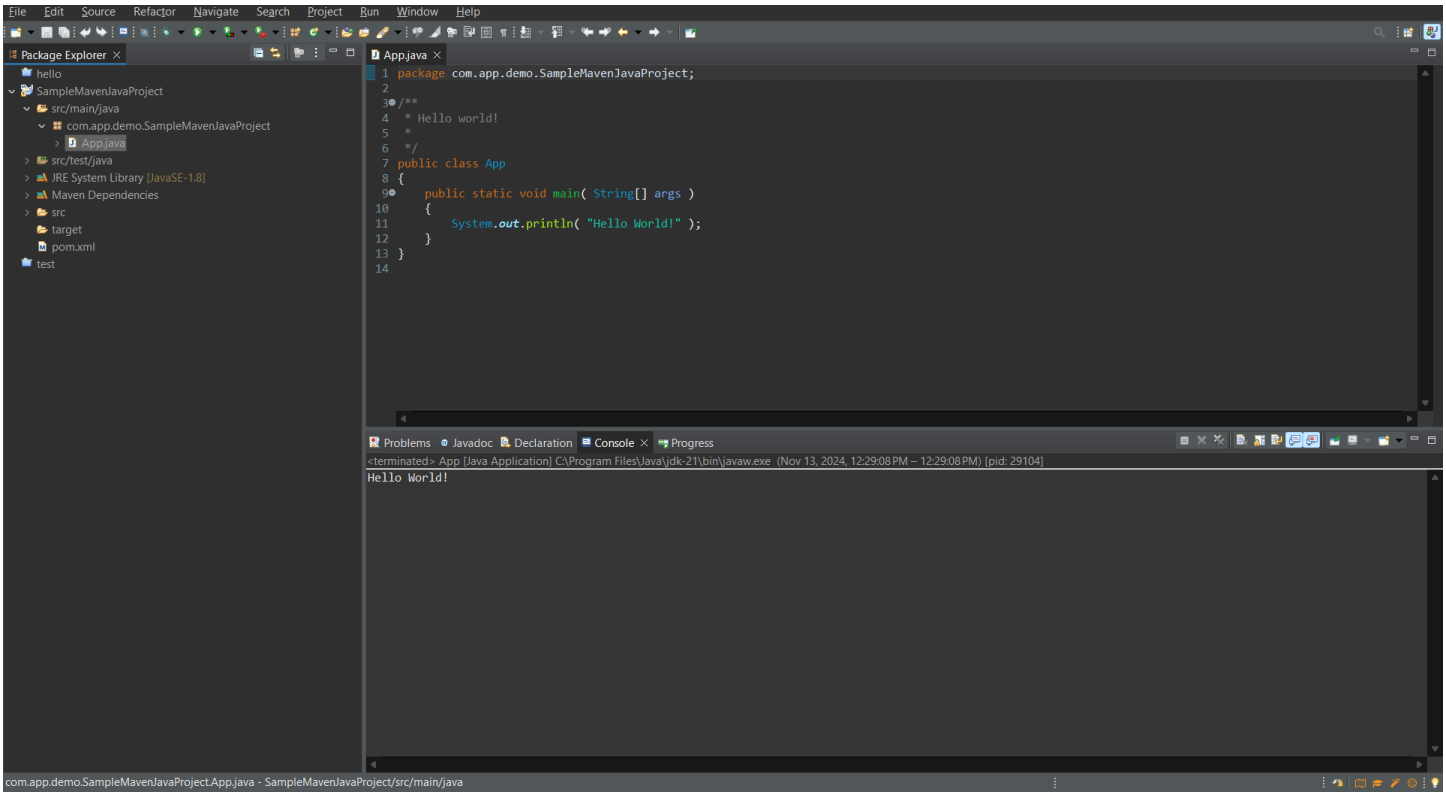

File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
test
hello.java
hello.java
New Maven Project
New Maven project
Specify Archetype parameters
Group Id: com.app.demo
Artifact Id: SampleMavenJavaProject
Version: 0.0.1-SNAPSHOT
Package: com.app.demo.SampleMavenJavaProject
run archetype generation interactively
Properties available from archetype:
Name
Value
Add...
Remove
Advanced
< Back
Next >
Finish
Cancel
Problems
No consoles to display



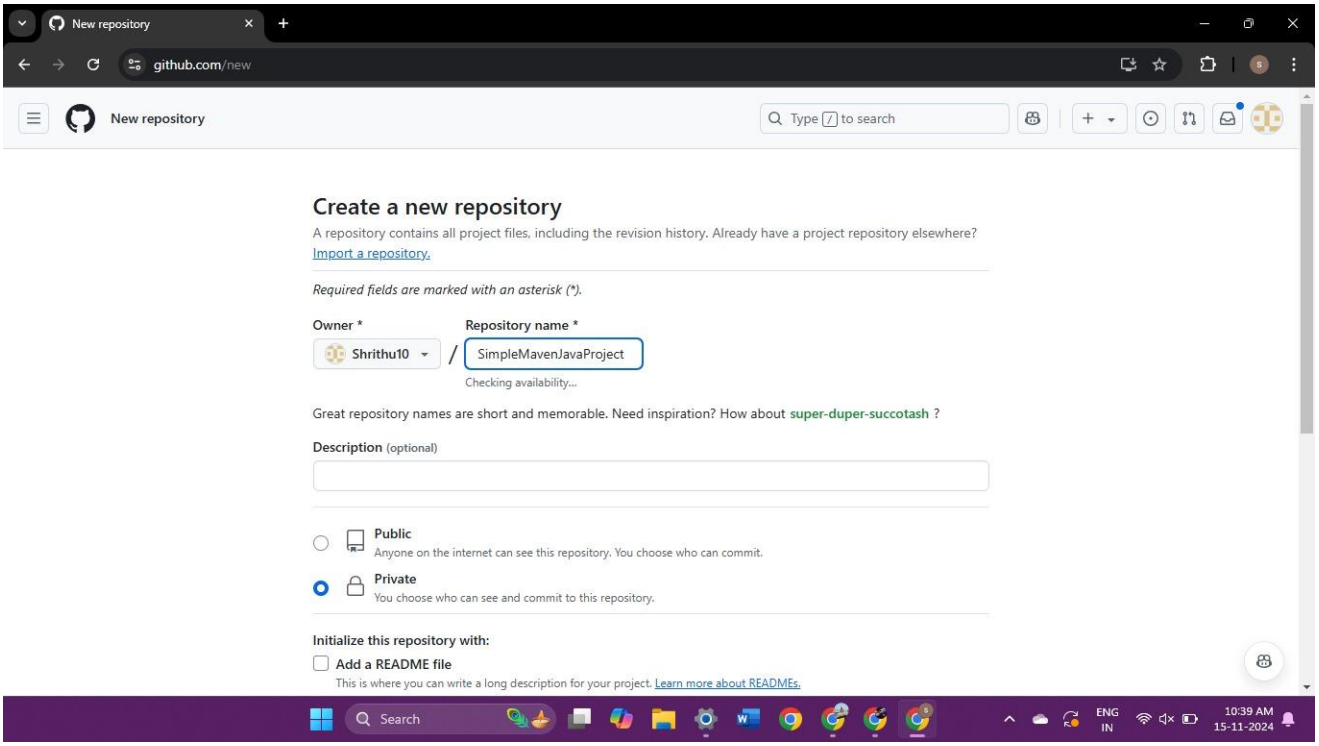
Building Project :



Running Project :



Create a Repository on GitHub:

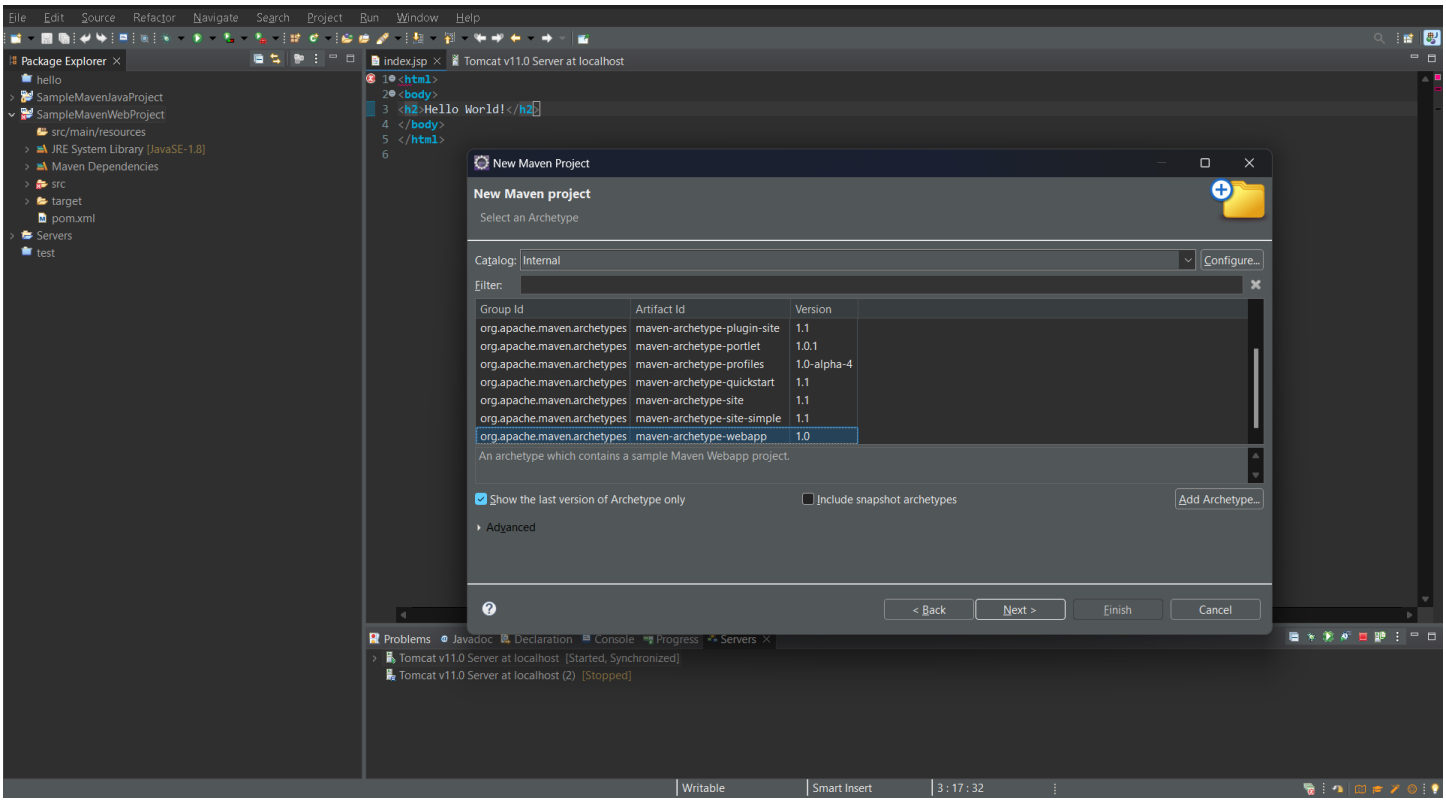


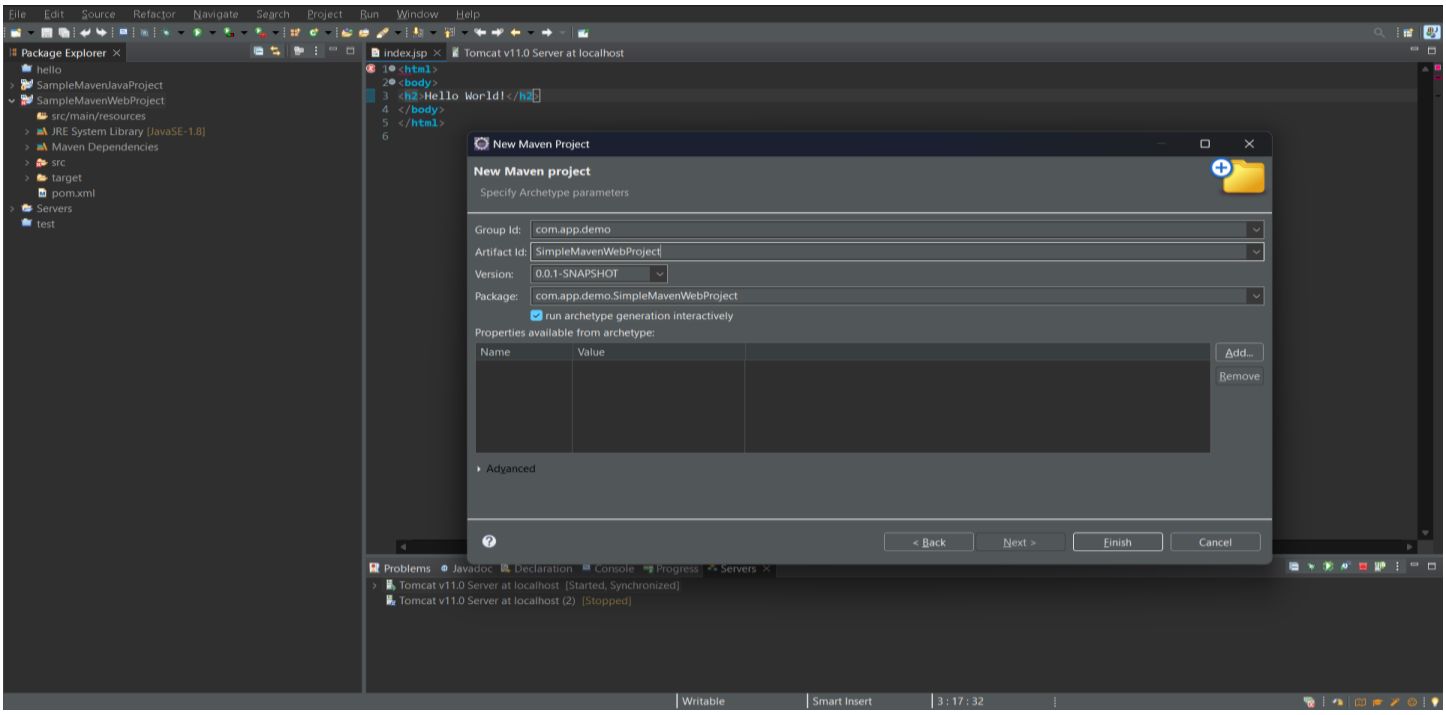
Push the Project Using Git Bash:

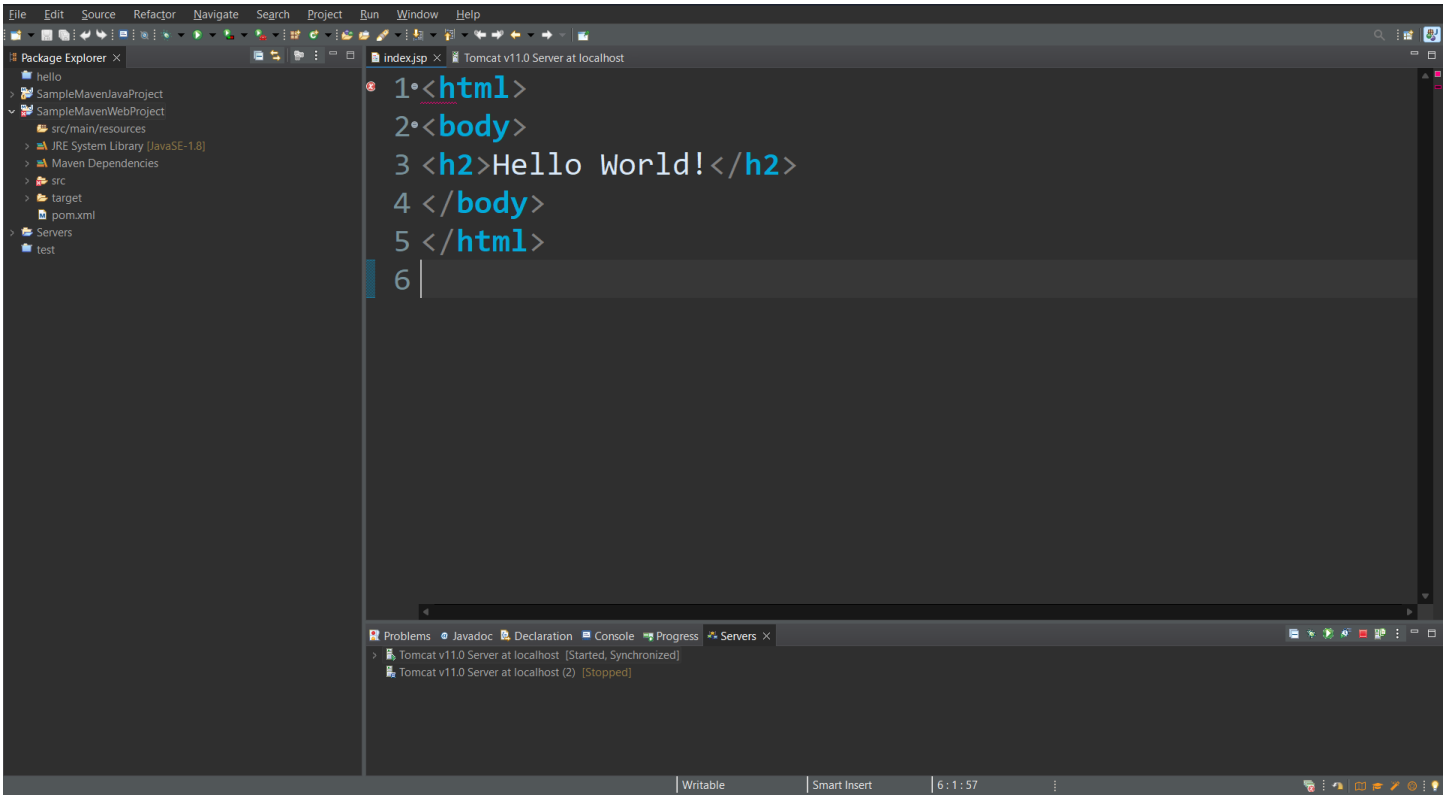
```
Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5 (master)
$ git clone https://github.com/Shrithu10/SimpleMavenJavaProject.git
Cloning into 'SimpleMavenJavaProject'...
warning: You appear to have cloned an empty repository.

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5 (master)
$ cd SimpleMavenJavaProject/

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5/SimpleMavenJavaProject (main)
$ git add .

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5/SimpleMavenJavaProject (main)
$ git commit -m "Sample Maven Java"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5/SimpleMavenJavaProject (main)
$ git push
Enumerating objects: 25, done.
Counting objects: 100% (25/25), done.
Delta compression using up to 4 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (25/25), 3.22 KiB | 412.00 KiB/s, done.
Total 25 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
To https://github.com/Shrithu10/SimpleMavenJavaProject.git
 * [new branch]      main -> main
```

Maven Web Project

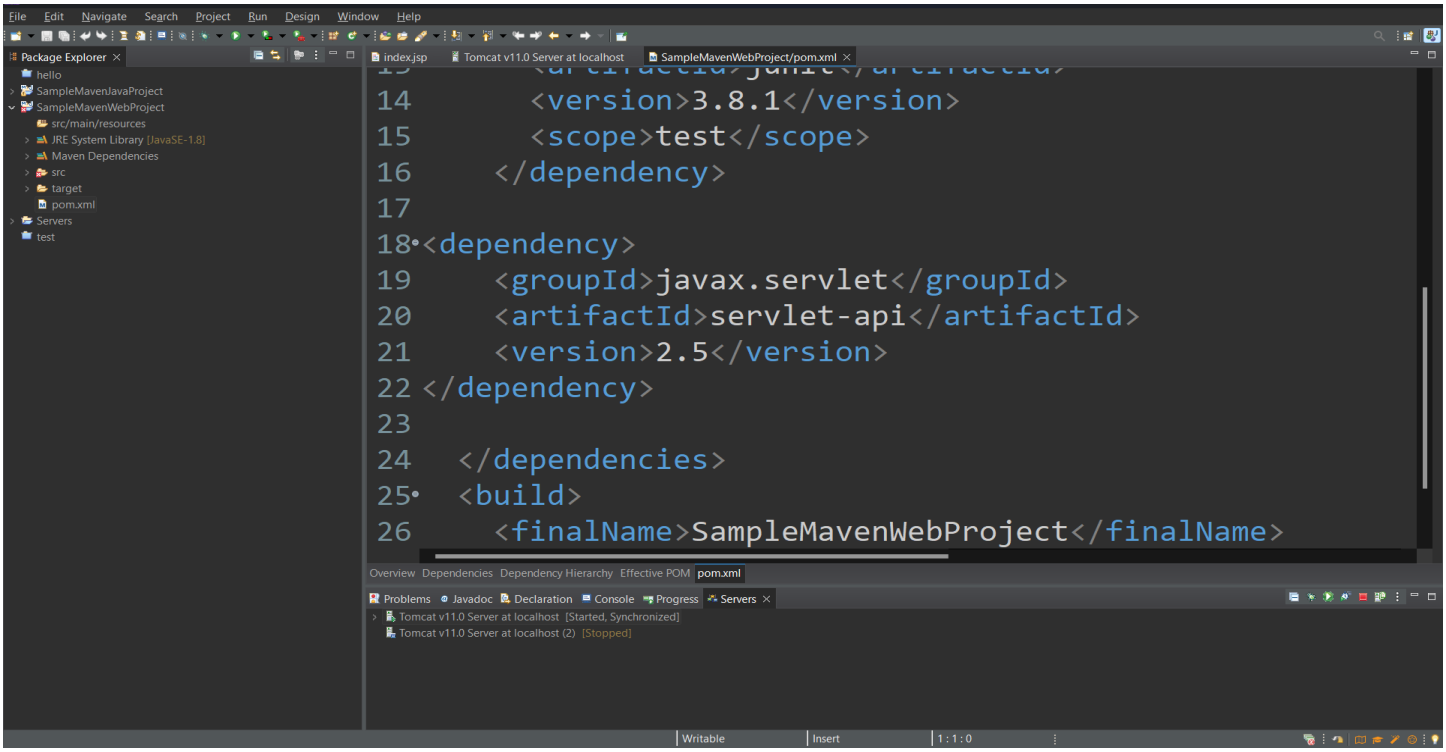
Creating a Maven Web Project :



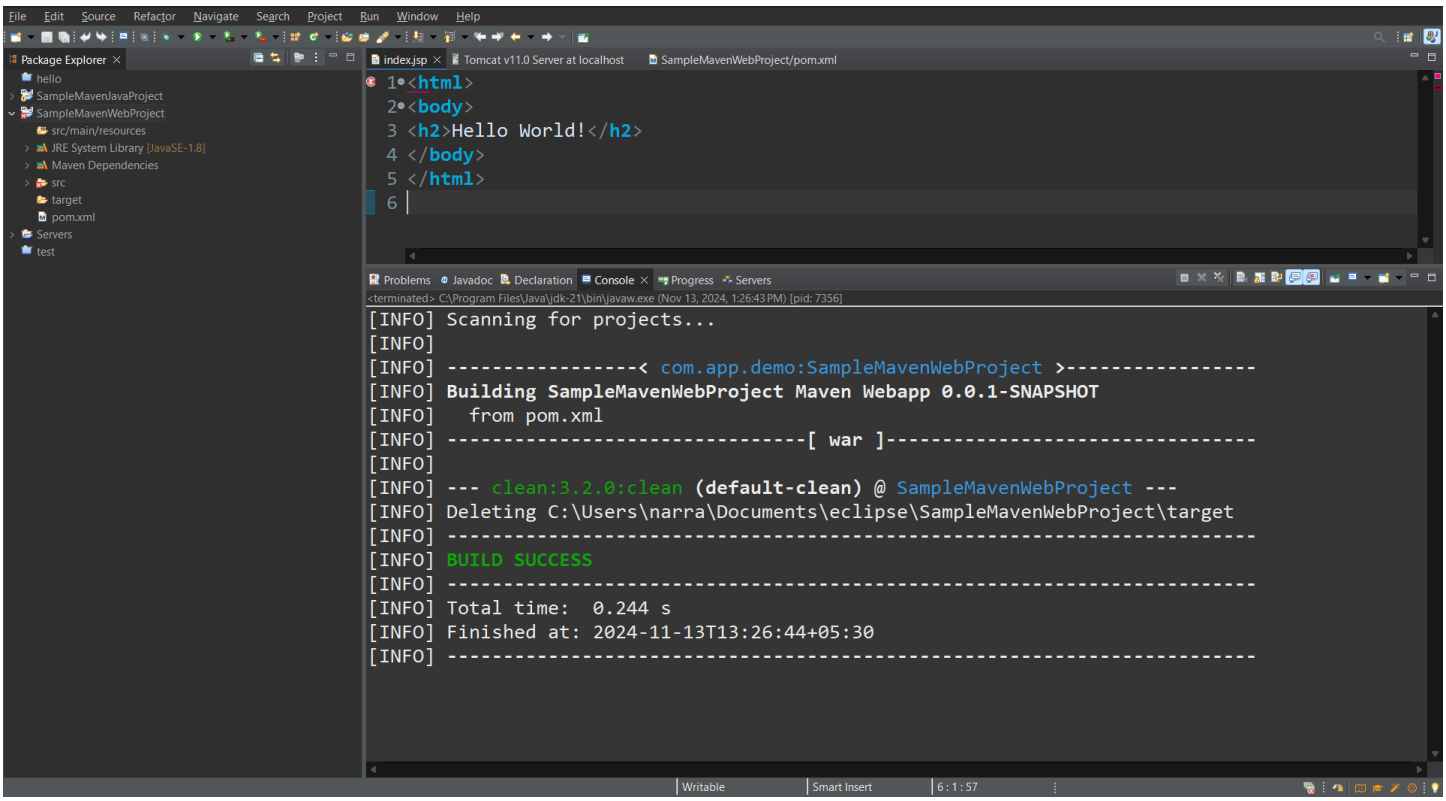


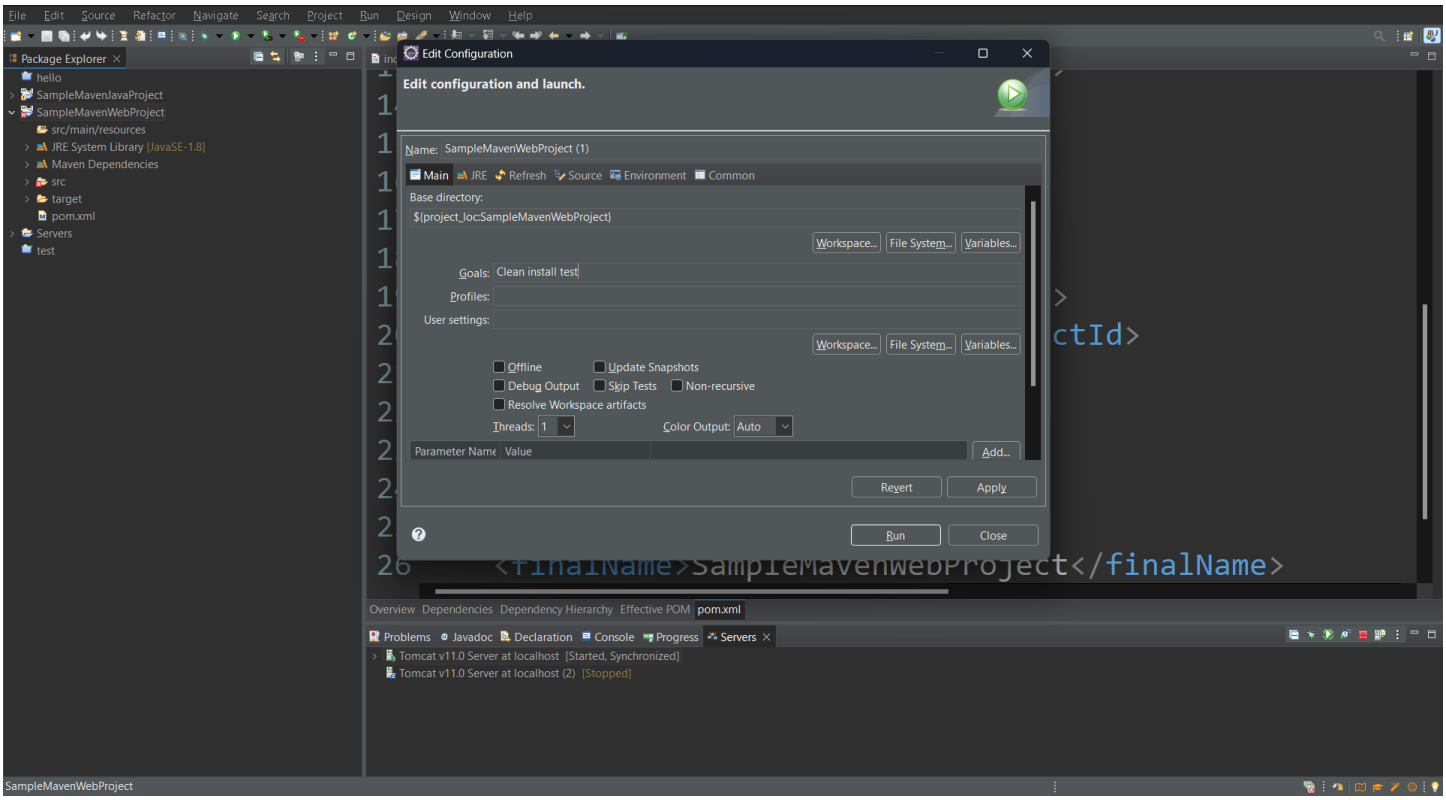


Adding Dependency :

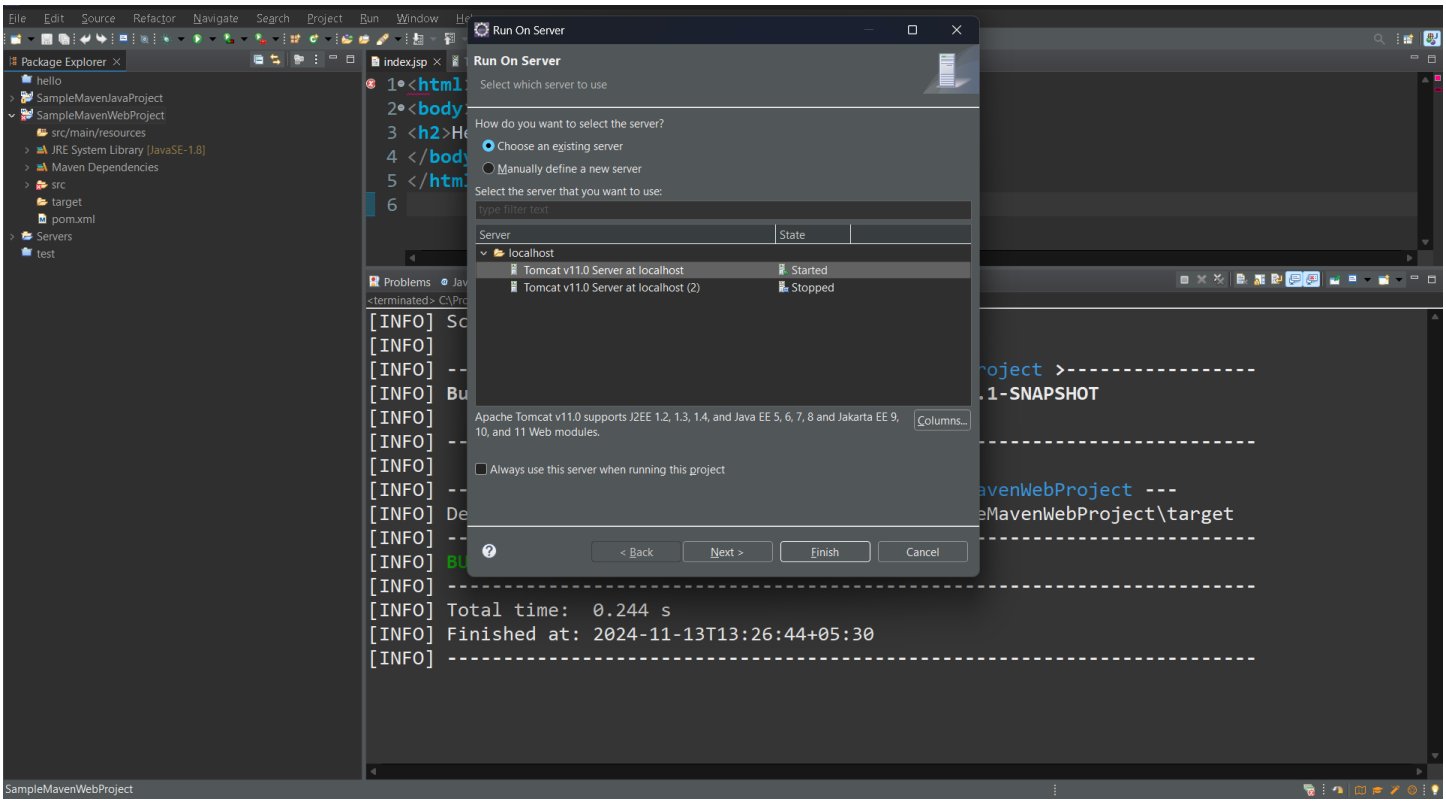


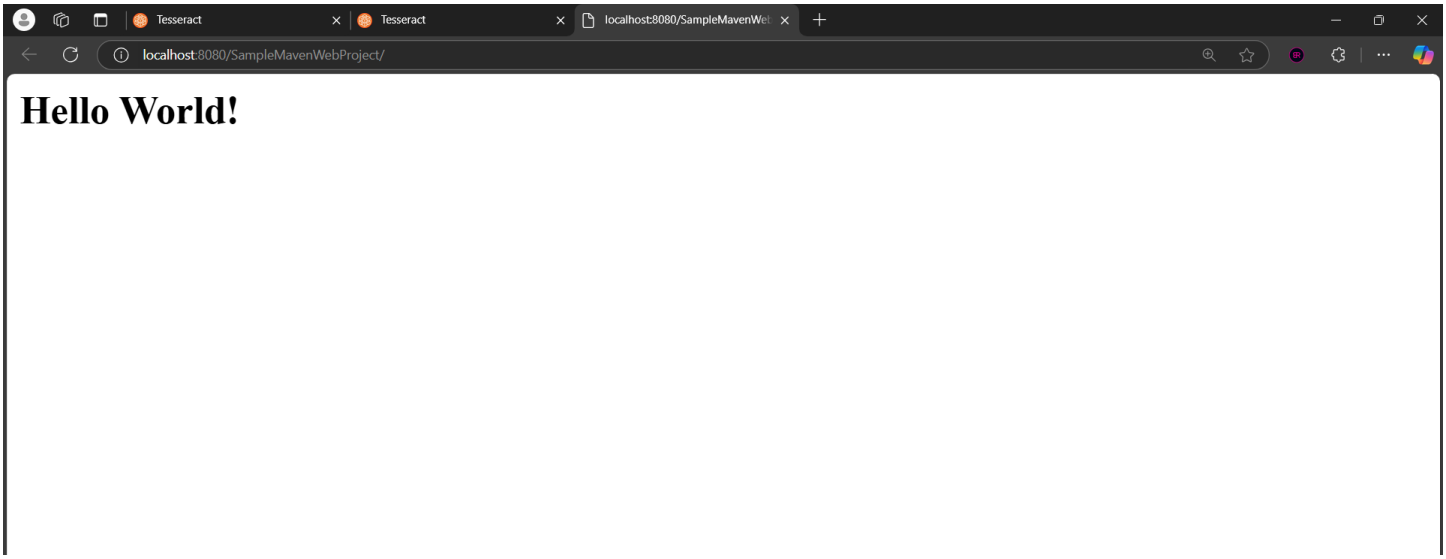
Building Project :



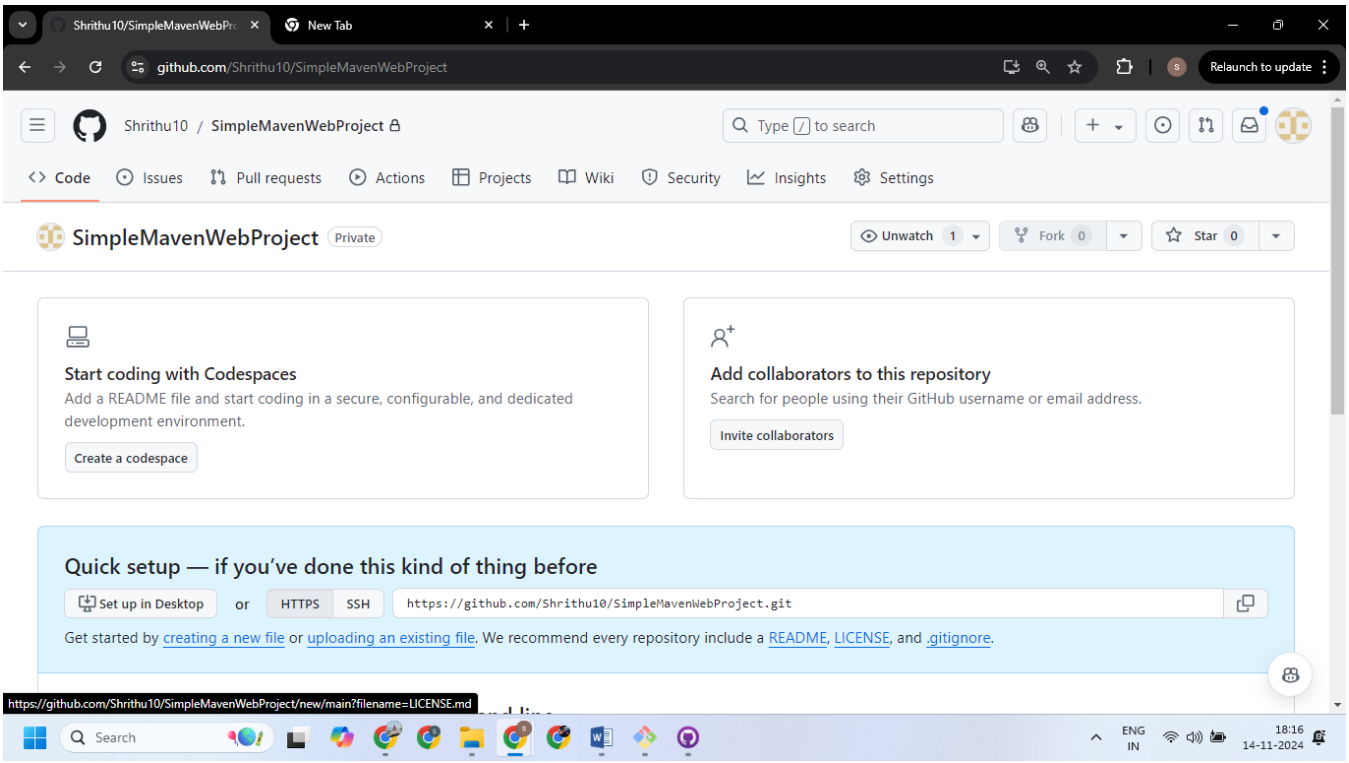


Running on Tomcat server :





Push the Project Using Git Bash:




```
Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5 (master)
$ git clone https://github.com/Shrithu10/SimpleMavenWebProject.git
Cloning into 'SimpleMavenWebProject'...
warning: You appear to have cloned an empty repository.

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5 (master)
$ cd SimpleMavenWebProject/

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5/SimpleMavenWebProject (main)
$ git add .

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5/SimpleMavenWebProject (main)
$ git commit -m "Sample Maven Web"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Administrator 1@R3 MINGW64 ~/Desktop/selab/lab5/SimpleMavenWebProject (main)
$ git push
Enumerating objects: 21, done.
Counting objects: 100% (21/21), done.
Delta compression using up to 4 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (21/21), 3.55 KiB | 1.18 MiB/s, done.
Total 21 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
To https://github.com/Shrithu10/SimpleMavenWebProject.git
 * [new branch]      main -> main
```