Build and Release Management Lab
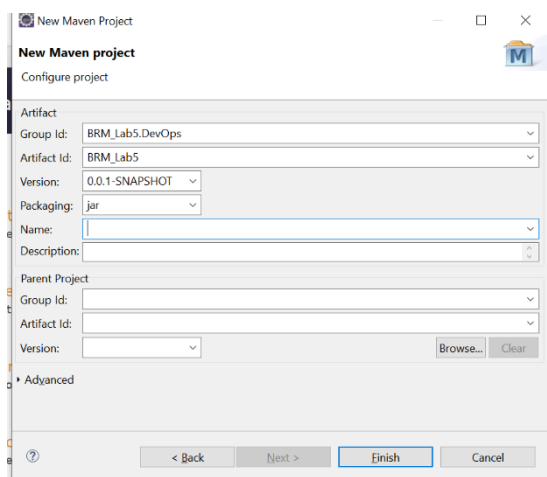
Lab File -5

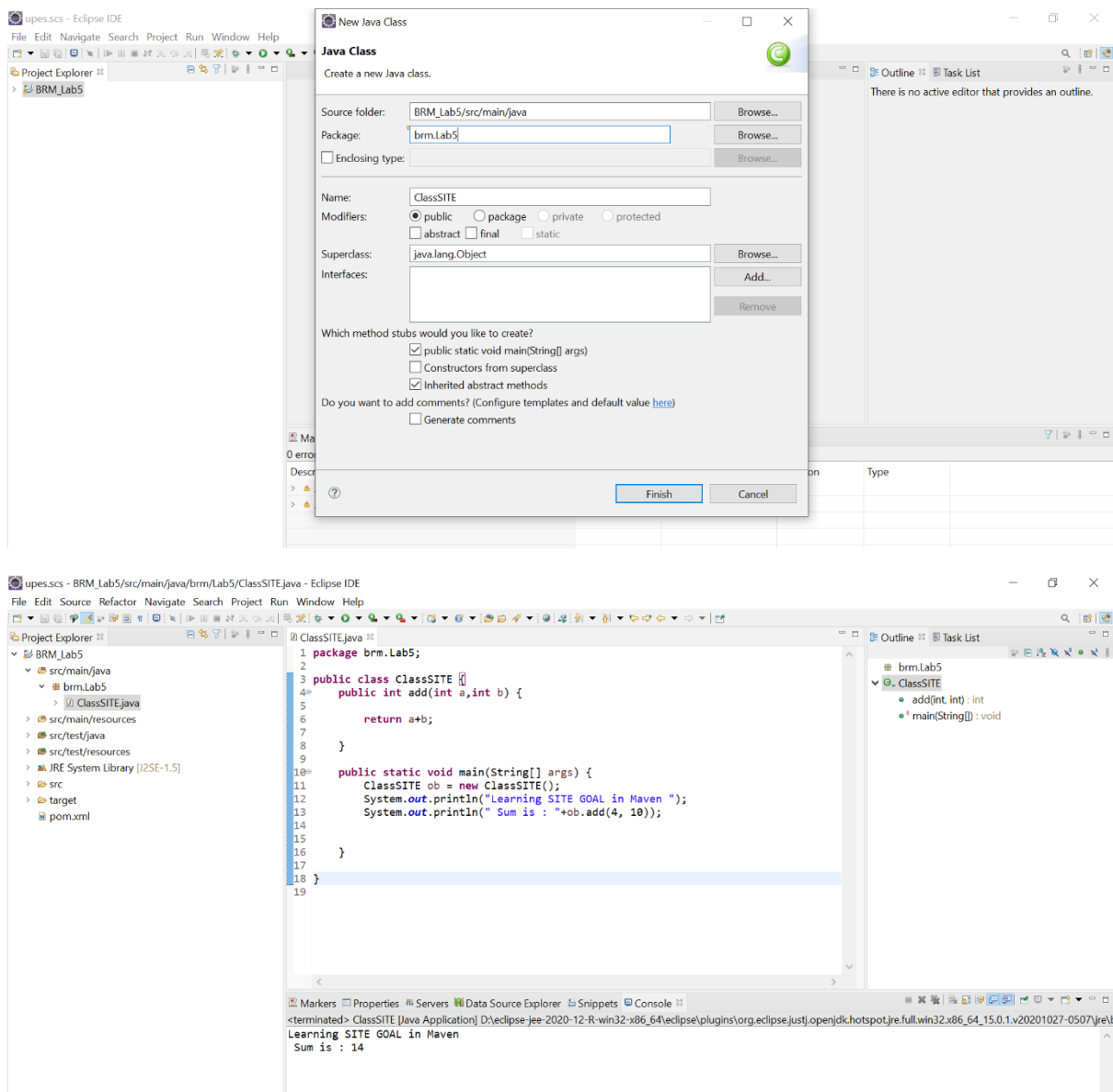Name – Snigdha Markanday

SAP-ID- 500077256
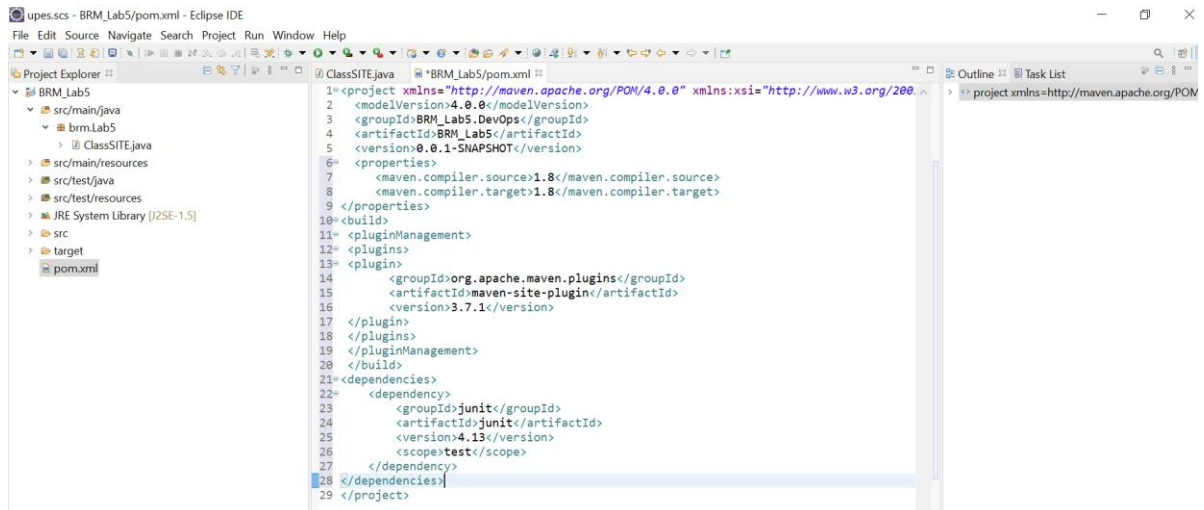
Roll no – R171219035

Branch – B-Tech-CSE-DevOps

Aim: Create a Maven with a java class & a junit test case and run the project with goal site to generate a web documentation of the project.

Step 1: Create a Maven Project and a Java class in it and add some java code in the class.
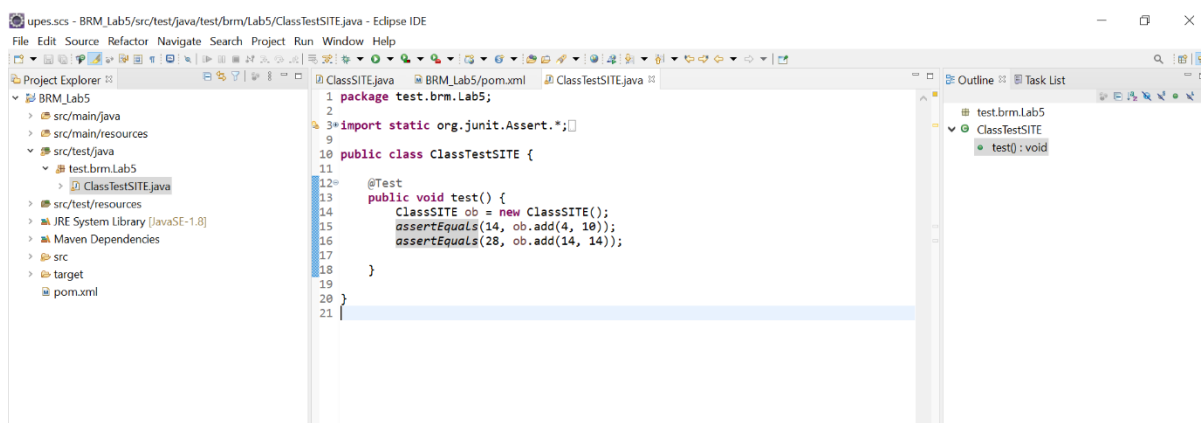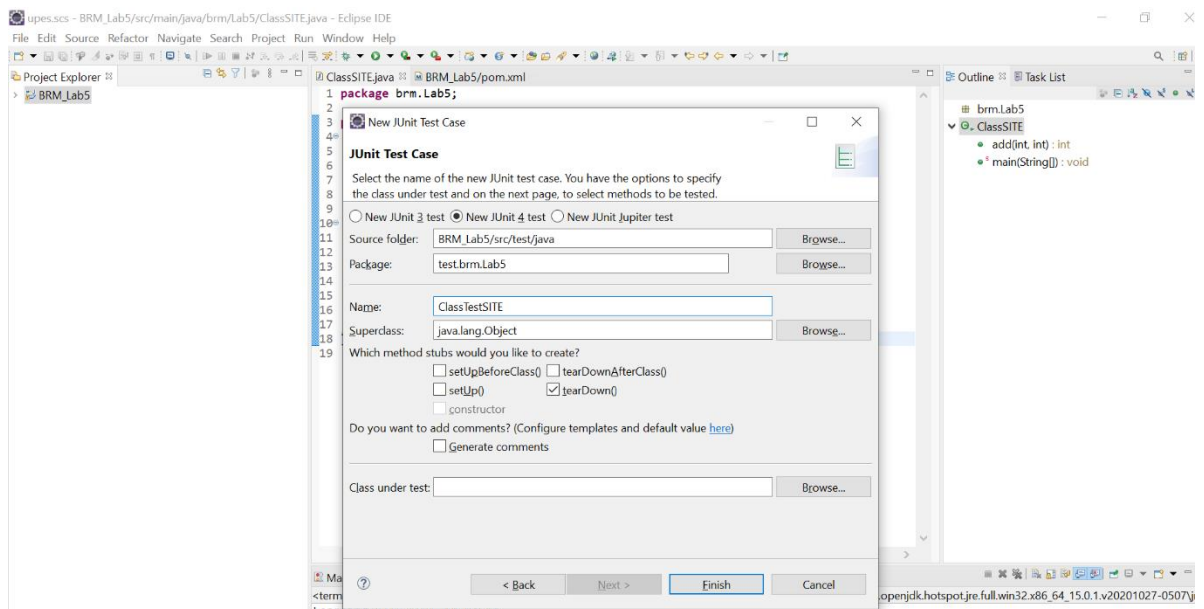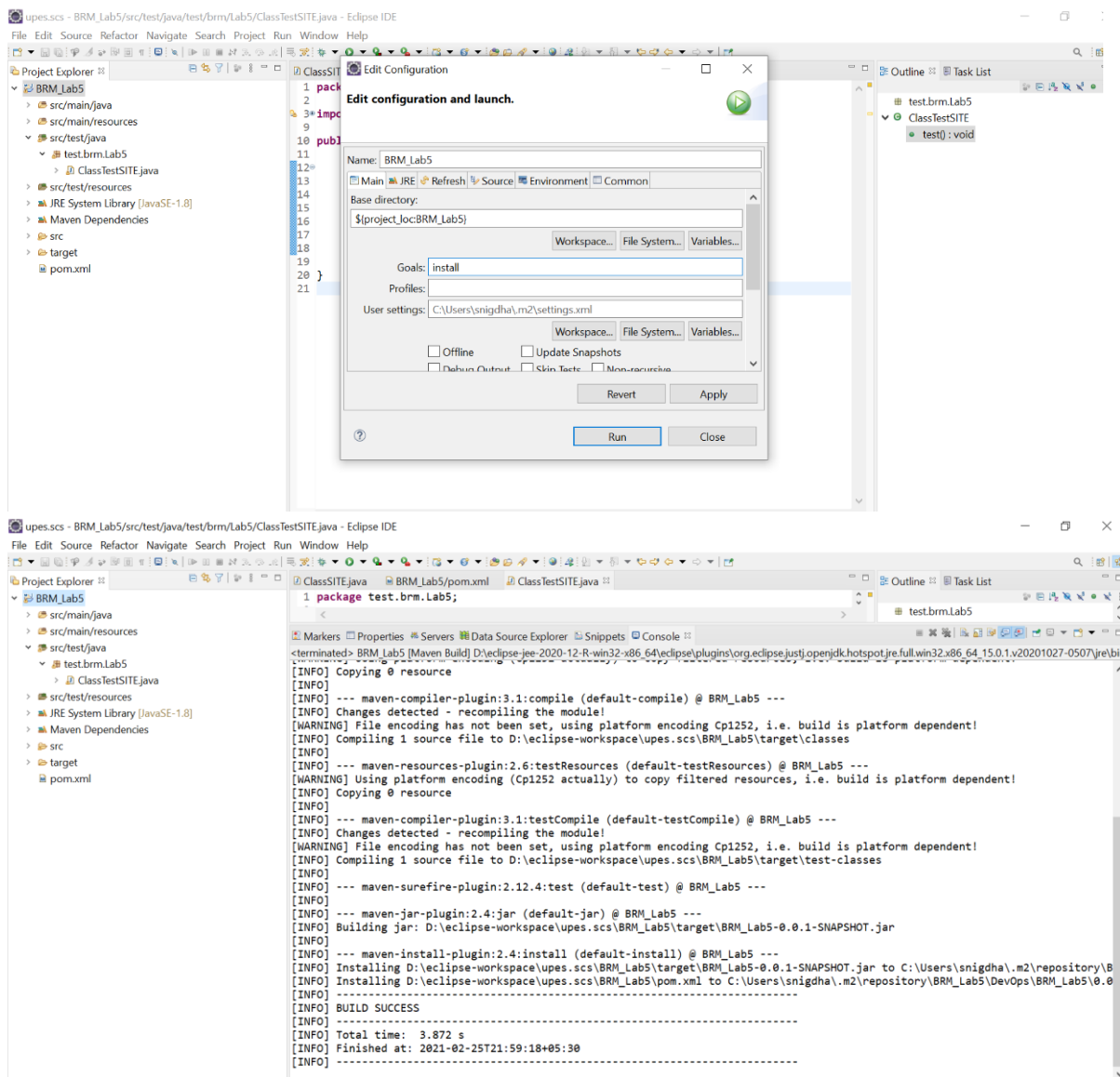
Step 2: Now , add dependencies and plugins in the "prom.xml" file in the project folder.
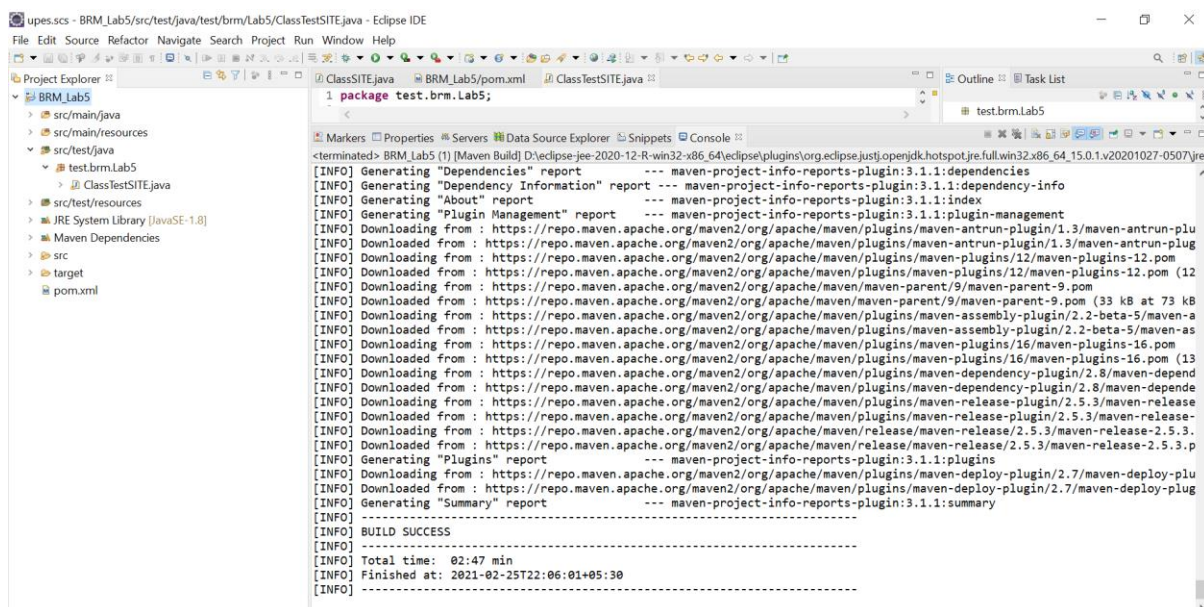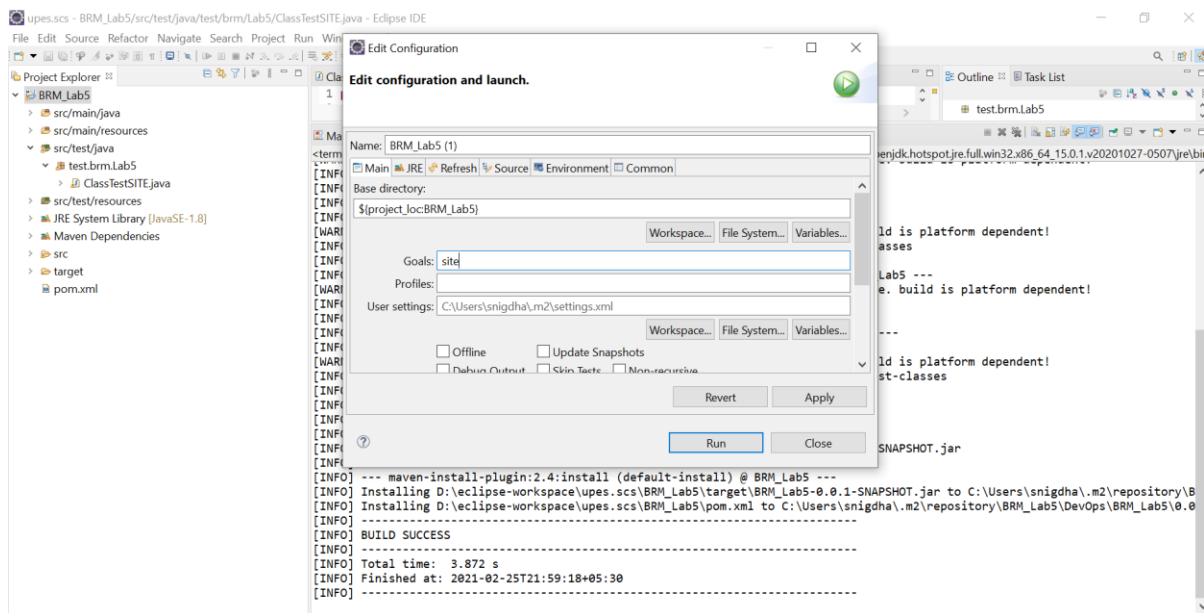
Step 3: Now create a Junit Test Case and add some Test cases in the file .
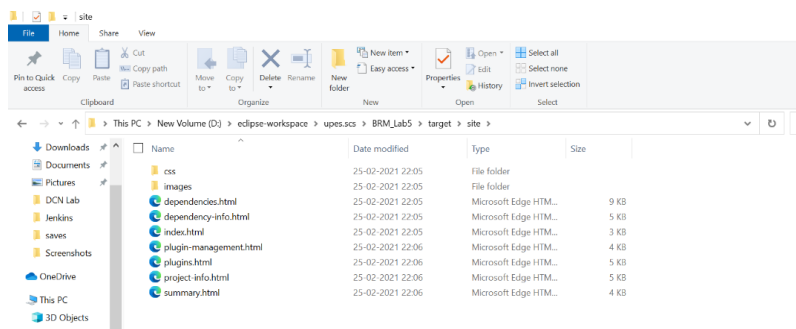

Step 4: Now Run the project with the "Goal " as "install"

Step 5 : Now, set the "Goal" as "site". This will generate the Web documentation of project.

Step 6: Now go to the target folder and open the site folder (that contains web documentation of the project)

Step 7: Now, open "index.html" in site folder.

BRM_Lab5

Last Published: 2021-02-25 | Version: 0.0.1-SNAPSHOT

Project Documentation
▼ Project Information
    Dependencies
    Dependency
     Information
    About
    Plugin Management
    Plugins
    Summary

Built by:
maven

About BRM_Lab5

There is currently no description associated with this project.

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Project Plugin Management

GroupId	ArtifactId	Version
org.apache.maven.plugins	maven-antrun-plugin	1.3
org.apache.maven.plugins	maven-assembly-plugin	2.2-beta-5
org.apache.maven.plugins	maven-dependency-plugin	2.8
org.apache.maven.plugins	maven-release-plugin	2.5.3
org.apache.maven.plugins	maven-site-plugin	3.7.1

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Project Build Plugins

GroupId	ArtifactId	Version
org.apache.maven.plugins	maven-clean-plugin	2.5
org.apache.maven.plugins	maven-compiler-plugin	3.1
org.apache.maven.plugins	maven-deploy-plugin	2.7
org.apache.maven.plugins	maven-install-plugin	2.4
org.apache.maven.plugins	maven-jar-plugin	2.4
org.apache.maven.plugins	maven-resources-plugin	2.6
org.apache.maven.plugins	maven-site-plugin	3.7.1
org.apache.maven.plugins	maven-surefire-plugin	2.12.4

Project Report Plugins

GroupId	ArtifactId	Version
org.apache.maven.plugins	maven-project-info-reports-plugin	3.1.1

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Project Dependencies

test

The following is a list of test dependencies for this project. These dependencies are only required to compile and run unit tests for the application:

GroupId	ArtifactId	Version	Type	Licenses
junit	junit	4.13	jar	Eclipse Public License 1.0

Project Transitive Dependencies

The following is a list of transitive dependencies for this project. Transitive dependencies are the dependencies of the project dependencies.

test

The following is a list of test dependencies for this project. These dependencies are only required to compile and run unit tests for the application:

GroupId	ArtifactId	Version	Type	Licenses
org.hamcrest	hamcrest-core	1.3	jar	New BSD License