

Build and Release Management LAB

Experiment 1

Aim:

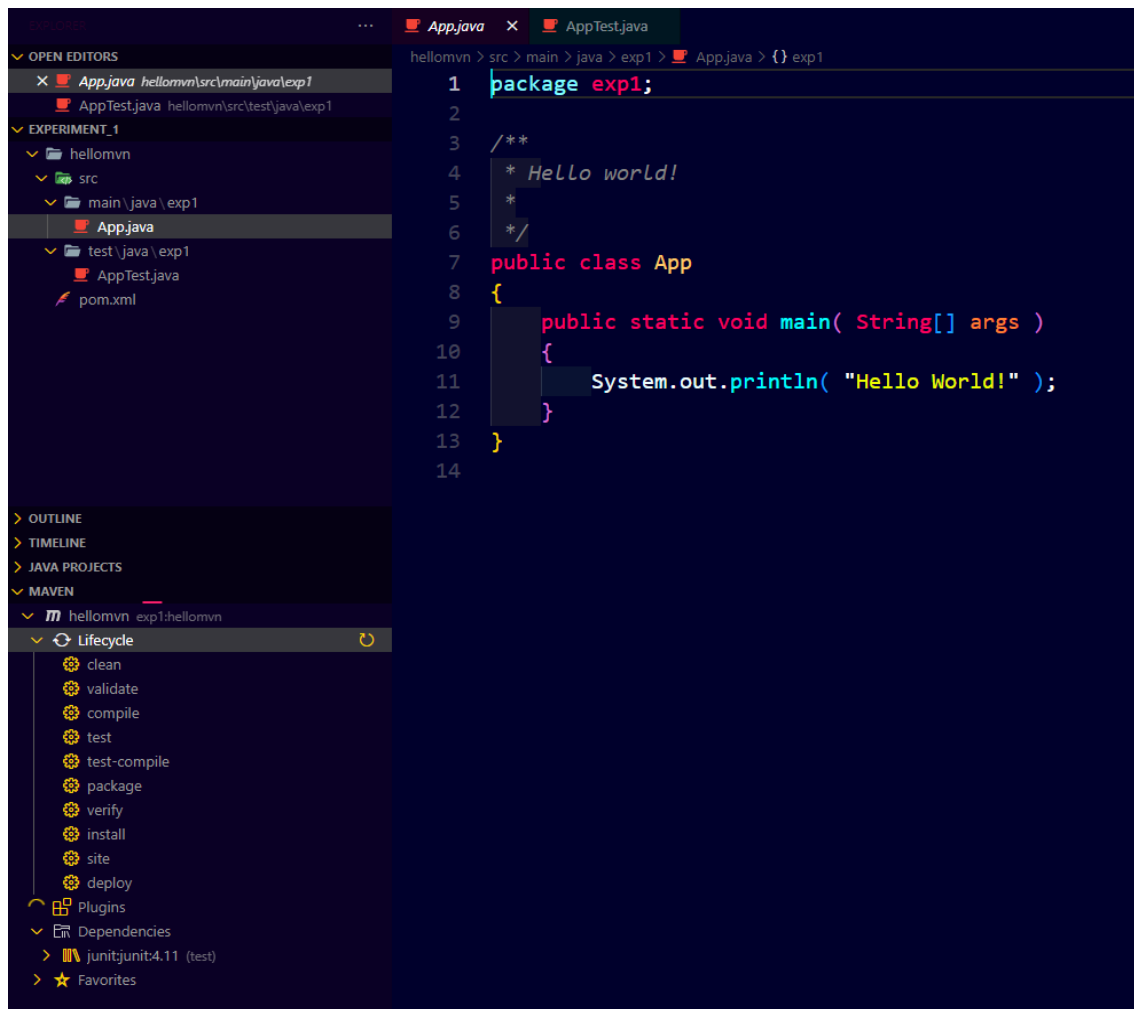
1. Create a Java Project using Maven.
2. Run the following maven goals on this project

Clean

Compile

Test-Compile

Install



```
D:\Programming\DevOps\BRM_LAB\Experiment_1>mvn clean -f "d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\pom.xml"
[INFO] Scanning for projects...
[INFO] -----< exp1:hellomvn >-----
[INFO] Building hellomvn 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ hellomvn ---
[INFO] Deleting d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\target
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 0.467 s
[INFO] Finished at: 2023-01-27T09:40:31+05:30
[INFO] -----
```

```
D:\Programming\DevOps\BRM_LAB\Experiment_1>mvn compile -f "d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\pom.xml"
[INFO] Scanning for projects...
[INFO] -----< exp1:hellomvn >-----
[INFO] Building hellomvn 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ hellomvn ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\src\main\resources
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ hellomvn ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\target\classes
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.700 s
[INFO] Finished at: 2023-01-27T09:41:03+05:30
[INFO] -----
```

```
D:\Programming\DevOps\BRM_LAB\Experiment_1>mvn test-compile -f "d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\pom.xml"
[INFO] Scanning for projects...
[INFO] -----< exp1:hellomvn >-----
[INFO] Building hellomvn 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ hellomvn ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\src\main\resources
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ hellomvn ---
[INFO] Nothing to compile - all classes are up to date
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ hellomvn ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\src\test\resources
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ hellomvn ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\target\test-classes
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.770 s
[INFO] Finished at: 2023-01-27T09:41:29+05:30
[INFO] -----
```

```
D:\Programming\DevOps\BRM_LAB\Experiment_1>mvn install -f "d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\pom.xml"
[INFO] Scanning for projects...
[INFO]
[INFO] -----< exp1:hellomvn >-----
[INFO] Building hellomvn 1.0-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ hellomvn ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ hellomvn ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ hellomvn ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ hellomvn ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ hellomvn ---
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.22.1/maven-surefire-common-2.22.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/2.22.1/maven-surefire-common-2.22.1.pom (11 kB at 6.4 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.5.2/maven-plugin-annotations-3.5.2.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-annotations/3.5.2/maven-plugin-annotations-3.5.2.pom (1.6 kB at 3.1 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.5.2/maven-plugin-tools-3.5.2.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugin-tools/maven-plugin-tools/3.5.2/maven-plugin-tools-3.5.2.pom (15 kB at 30 kB/s)
```

```
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-junit4/2.22.1/surefire-junit4-2.22.1.jar (85 kB at 144 kB/s)
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running exp1.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.056 s - in exp1.AppTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-jar-plugin:3.0.2:jar (default-jar) @ hellomvn ---
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/3.1.1/maven-archiver-3.1.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/3.1.1/maven-archiver-3.1.1.pom (4.3 kB at 8.4 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/3.0.1/maven-shared-utils-3.0.1.pom
```

```
[INFO] Building jar: d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\target\hellomvn-1.0-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ hellomvn ---
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.1/junit-3.8.1.pom
Downloaded from central: https://repo.maven.apache.org/maven2/junit/junit/3.8.1/junit-3.8.1.pom (998 B at 1.8 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/codehaus-parent/1.6/codehaus-parent-1.6.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/codehaus-parent/1.6/codehaus-parent-1.6.pom (11 kB at 22 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-parent/22/commons-parent-22.pom (42 kB at 67 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.4/maven-shared-utils-0.4.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.4/maven-shared-utils-0.4.pom (4.0 kB at 8.8 kB/s)
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.pom (3.1 kB at 6.0 kB/s)
```

```
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-shared-utils/0.4/maven-shared-utils-0.4.jar (155 kB at 52 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0.15/plexus-utils-3.0.15.jar (233 kB at 73 kB/s)
[INFO] Installing d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\target\hellomvn-1.0-SNAPSHOT.jar to C:\Users\mohak\.m2\repository\exp1\hellomvn\1.0-SNAPSHOT\hellomvn-1.0-SNAPSHOT.jar
[INFO] Installing d:\Programming\DevOps\BRM_LAB\Experiment_1\hellomvn\pom.xml to C:\Users\mohak\.m2\repository\exp1\hellomvn\1.0-SNAPSHOT\hellomvn-1.0-SNAPSHOT.pom
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 38.439 s
[INFO] Finished at: 2023-01-27T09:42:28+05:30
[INFO] -----
```