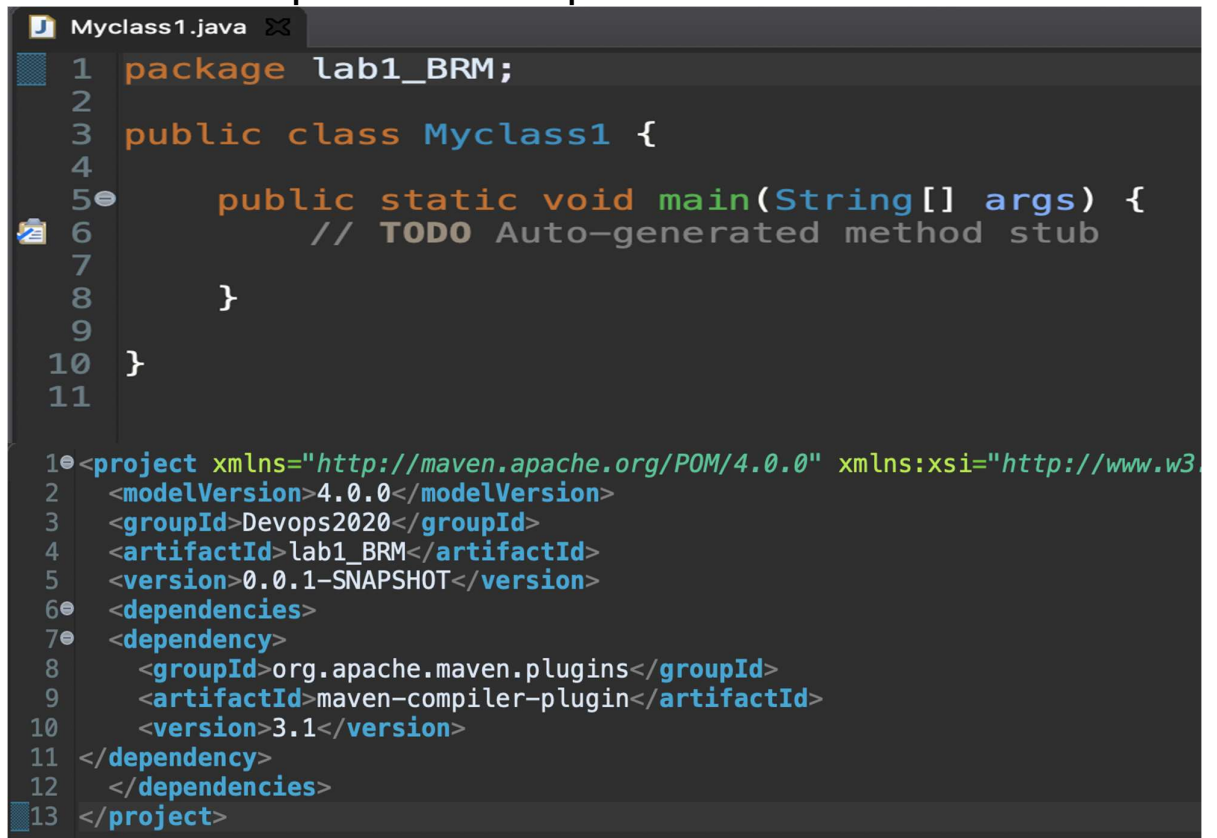


LAB EXERCISE 1

Aim:

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

x Clean x Compile x Test-Compile x



The screenshot shows an IDE with two files open. The top file, `Myclass1.java`, contains the following Java code:

```
1 package lab1_BRM;
2
3 public class Myclass1 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7     }
8 }
9
10
11
```

The bottom file, `pom.xml`, contains the following XML code:

```
1 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.
2   <modelVersion>4.0.0</modelVersion>
3   <groupId>Devops2020</groupId>
4   <artifactId>lab1_BRM</artifactId>
5   <version>0.0.1-SNAPSHOT</version>
6   <dependencies>
7   <dependency>
8       <groupId>org.apache.maven.plugins</groupId>
9       <artifactId>maven-compiler-plugin</artifactId>
10      <version>3.1</version>
11  </dependency>
12  </dependencies>
13 </project>
```

Console X

<terminated> lab1_BRM [Maven Build] /Library/Java/JavaVirtualMachines/jdk-13.0.1.jdk/Contents/Home/bin/java (23-Feb-2020, 6:10:50 pm)

[INFO] Scanning for projects...

[INFO]

[INFO] -----< Devops2020:lab1_BRM >-----

[INFO] Building lab1_BRM 0.0.1-SNAPSHOT

[INFO] -----[jar]-----

[INFO]

[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ lab1_BRM ---

[INFO] Deleting /Users/piyushvishnoi/eclipse-workspace/lab1_BRM/target

[INFO] -----

[INFO] BUILD SUCCESS

[INFO]

[INFO] Total time: 0.311 s

[INFO] Finished at: 2020-02-23T18:10:51+05:30

[INFO] -----

Console X

<terminated> lab1_BRM (2) [Maven Build] /Library/Java/JavaVirtualMachines/jdk-13.0.1.jdk/Contents/Home/bin/java (23-Feb-2020, 6:16:38 pm)

[INFO] Scanning for projects...

[INFO]

[INFO] -----< Devops2020:lab1_BRM >-----

[INFO] Building lab1_BRM 0.0.1-SNAPSHOT

[INFO] -----[jar]-----

[INFO]

[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ lab1_BRM ---

[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!

[INFO] Copying 0 resource

[INFO]

[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ lab1_BRM ---

[INFO] Nothing to compile - all classes are up to date

[INFO] -----

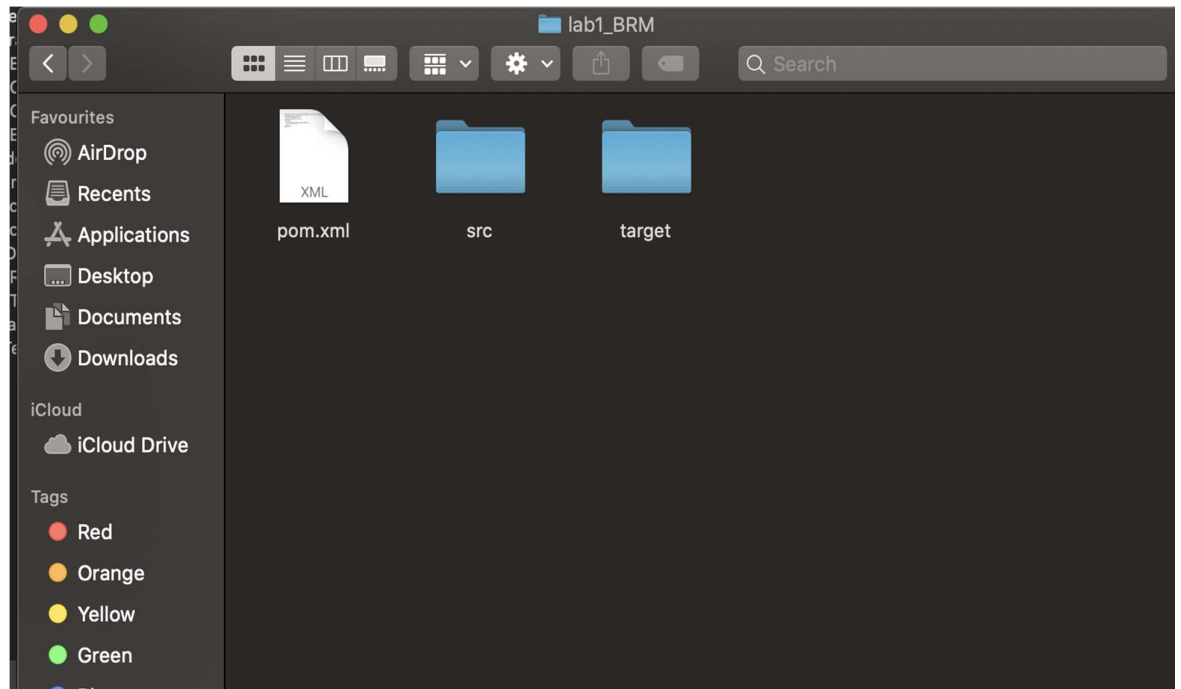
[INFO] BUILD SUCCESS

[INFO]

[INFO] Total time: 0.757 s

[INFO] Finished at: 2020-02-23T18:16:40+05:30

[INFO] -----



```
Console
<terminated> lab1_BRM (3) [Maven Build] /Library/Java/JavaVirtualMachines/jdk-13.0.1.jdk/Contents/Home/bin/java (23-Feb-2020, 6:19:49 pm)
[INFO] Scanning for projects...
[INFO]
[INFO] -----< Devops2020:lab1_BRM >-----
[INFO] Building lab1_BRM 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ lab1_BRM ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ lab1_BRM ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ lab1_BRM ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ lab1_BRM ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 0.867 s
[INFO] Finished at: 2020-02-23T18:19:52+05:30
[INFO]
```

```

[INFO] Scanning for projects...
[INFO]
[INFO] -----< Devops2020:lab1_BRM >-----
[INFO] Building lab1_BRM 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ lab1_BRM ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ lab1_BRM ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ lab1_BRM ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ lab1_BRM ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ lab1_BRM ---
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ lab1_BRM ---
[INFO] Building jar: /Users/piyushvishnoi/eclipse-workspace/lab1_BRM/target/lab1_BRM-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ lab1_BRM ---
[INFO] Installing /Users/piyushvishnoi/eclipse-workspace/lab1_BRM/target/lab1_BRM-0.0.1-SNAPSHOT.jar to /Users/piyushvishnoi/.m2/repository/Devops2020/lab1_BRM/0.0.1-SNAPSHOT/lab1_BRM-0.0.1-SNAPSHOT.jar
[INFO] Installing /Users/piyushvishnoi/eclipse-workspace/lab1_BRM/pom.xml to /Users/piyushvishnoi/.m2/repository/Devops2020/lab1_BRM/0.0.1-SNAPSHOT/lab1_BRM-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 1.287 s
[INFO] Finished at: 2020-02-23T18:27:53+05:30
[INFO]

```

