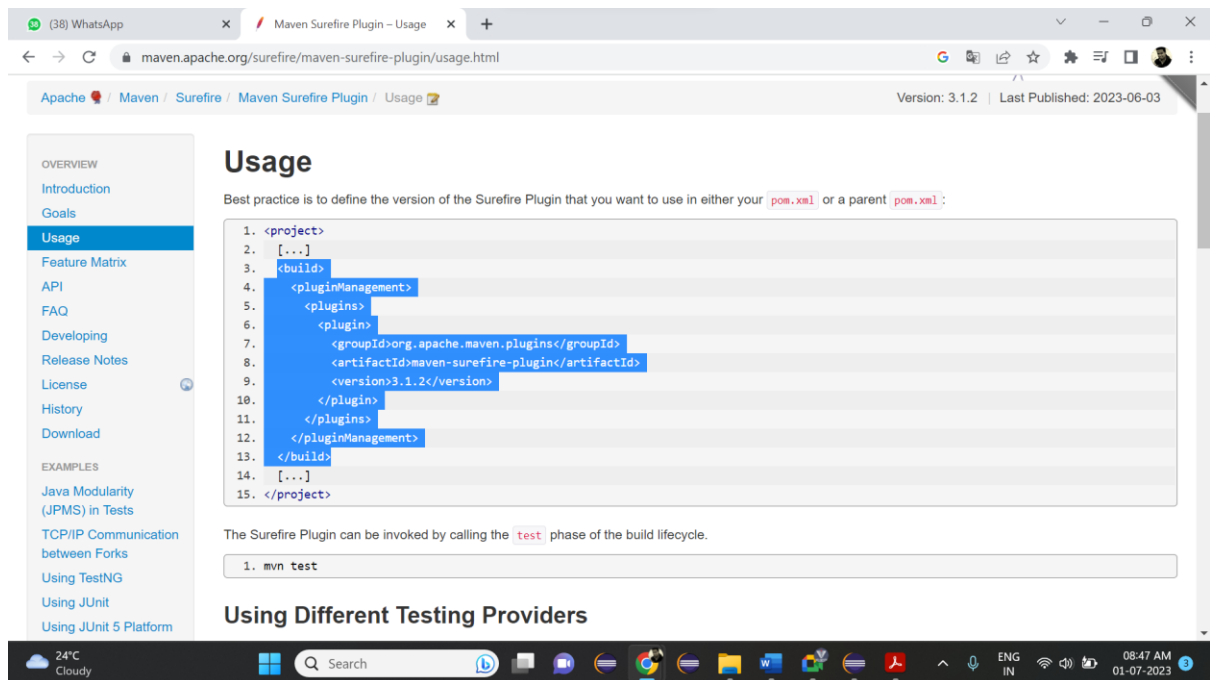


Add sure fire plugin→

<https://maven.apache.org/surefire/maven-surefire-plugin/usage.html>

click on usage→ copy from build to build and paste under project in pom.xml file



The screenshot shows the 'Usage' page for the Maven Surefire Plugin. The left sidebar contains a navigation menu with 'Usage' selected. The main content area has a heading 'Usage' and a note: 'Best practice is to define the version of the Surefire Plugin that you want to use in either your pom.xml or a parent pom.xml :'. Below this is a code block showing the XML configuration for the plugin in a pom.xml file. The code is as follows:

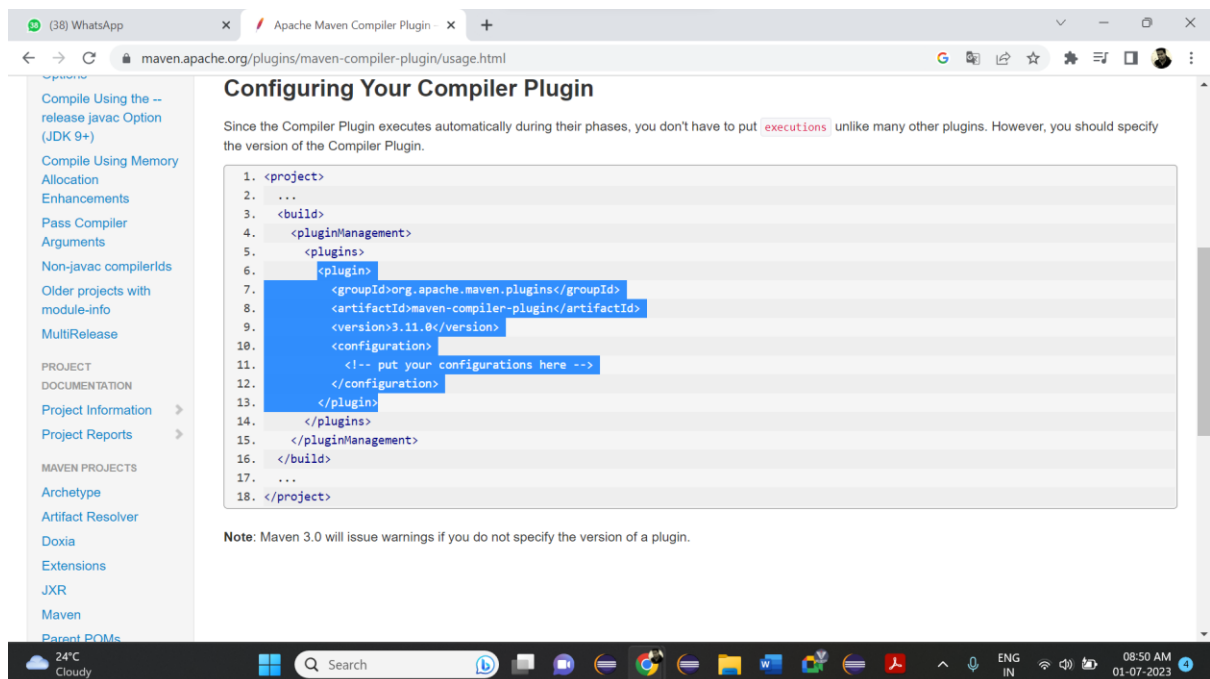
```
1. <project>
2.   [...]
3.   <build>
4.     <pluginManagement>
5.       <plugins>
6.         <plugin>
7.           <groupId>org.apache.maven.plugins</groupId>
8.           <artifactId>maven-surefire-plugin</artifactId>
9.           <version>3.1.2</version>
10.        </plugin>
11.      </plugins>
12.    </pluginManagement>
13.  </build>
14.  [...]
15. </project>
```

Below the code block, it states: 'The Surefire Plugin can be invoked by calling the test phase of the build lifecycle.' and provides the command: '1. mvn test'.

At the bottom, there is a section titled 'Using Different Testing Providers'.

Add maven compiler plugin→

Click on usage and copy from plugin to plugin, paste under plugins tag in pom.xml file



The screenshot shows the 'Configuring Your Compiler Plugin' page. The left sidebar contains a navigation menu with 'Usage' selected. The main content area has a heading 'Configuring Your Compiler Plugin' and a note: 'Since the Compiler Plugin executes automatically during their phases, you don't have to put executions unlike many other plugins. However, you should specify the version of the Compiler Plugin.' Below this is a code block showing the XML configuration for the plugin in a pom.xml file. The code is as follows:

```
1. <project>
2.   [...]
3.   <build>
4.     <pluginManagement>
5.       <plugins>
6.         <plugin>
7.           <groupId>org.apache.maven.plugins</groupId>
8.           <artifactId>maven-compiler-plugin</artifactId>
9.           <version>3.11.0</version>
10.          <configuration>
11.            <!-- put your configurations here -->
12.          </configuration>
13.        </plugin>
14.      </plugins>
15.    </pluginManagement>
16.  </build>
17.  [...]
18. </project>
```

Below the code block, there is a 'Note' stating: 'Note: Maven 3.0 will issue warnings if you do not specify the version of a plugin.'

Add your configuration in sure fire plugin→

```
<plugin>  
<groupId>org.apache.maven.plugins</groupId>  
<artifactId>maven-surefire-plugin</artifactId>  
<version>3.1.2</version>  
<configuration>  
<suiteXmlFiles>  
<suiteXmlFile>policyBazaartestng.xml</suiteXmlFile>  
</suiteXmlFiles>  
</configuration>  
</plugin>
```

Add new tag like→ add your own xml file name

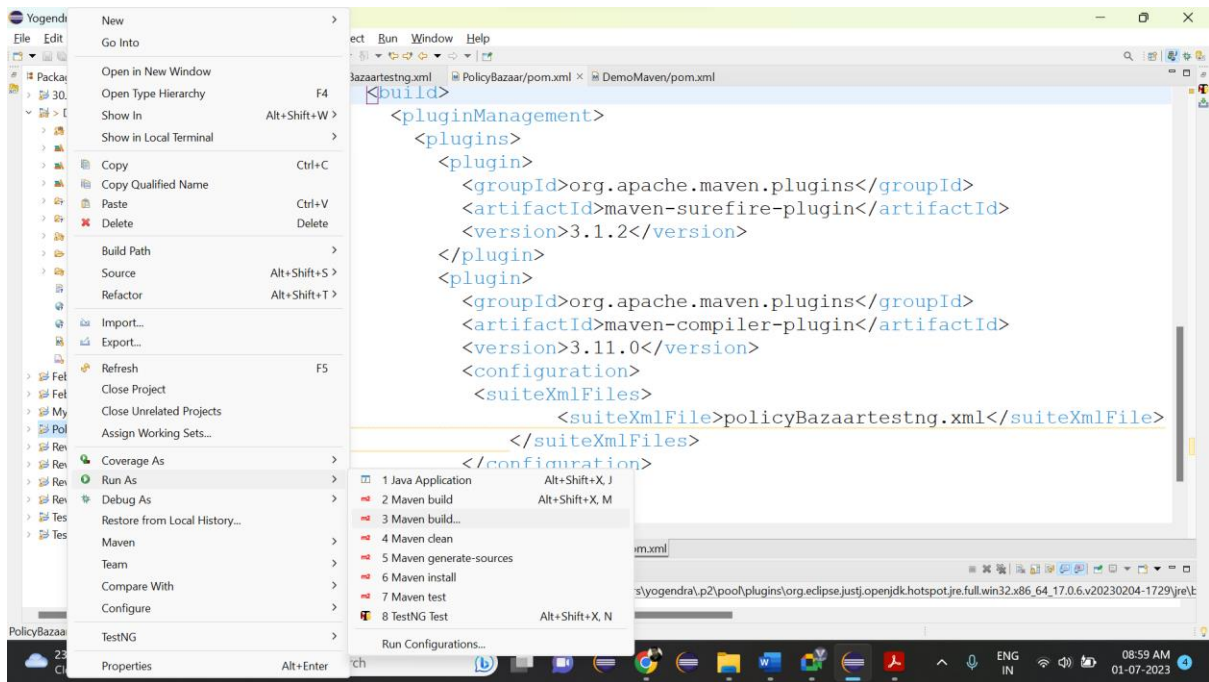
```
<suiteXmlFiles>  
<suiteXmlFile>testng.xml</suiteXmlFile>  
</suiteXmlFiles>
```

IMP→

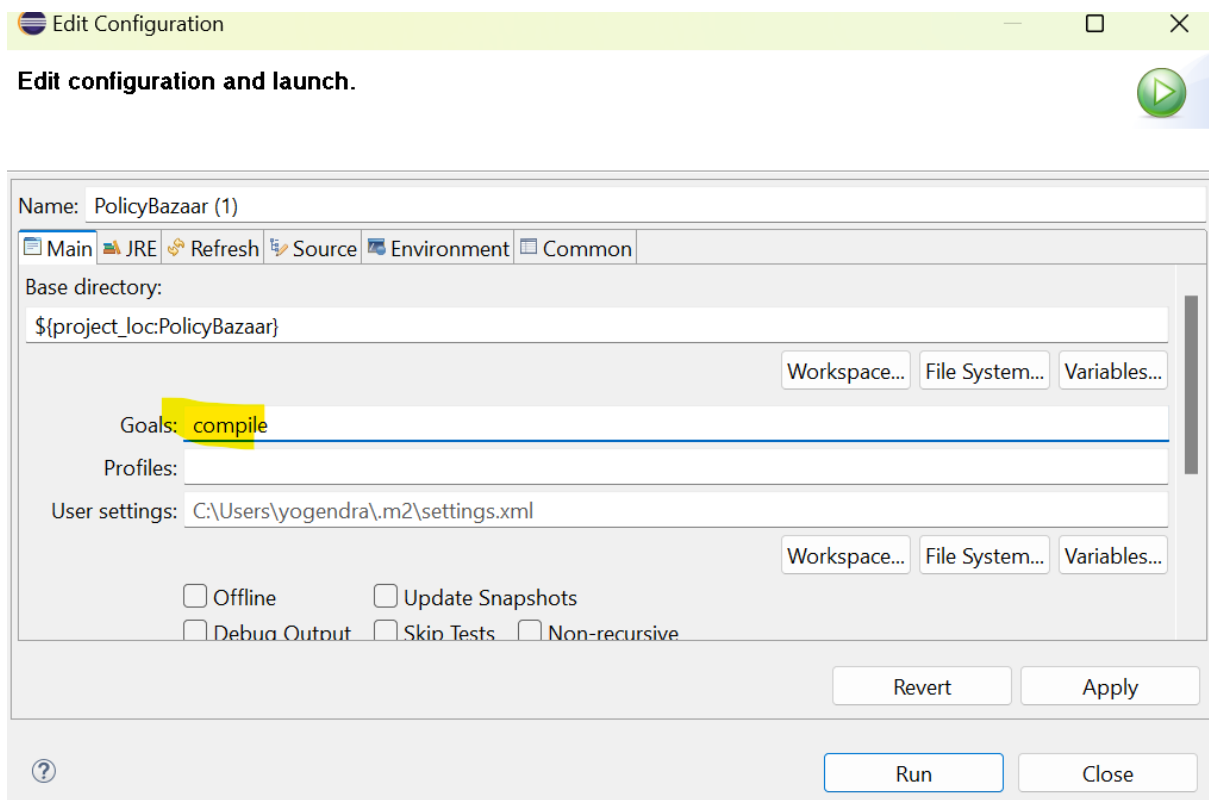
In testing dependency→ in scope tag remove test and use compile

```
<scope>test</scope>  
<scope>compile</scope>
```

Right click on project→ Run as→ maven build(select 2<sup>nd</sup> option )



In new configuration window add **goal→ compile**

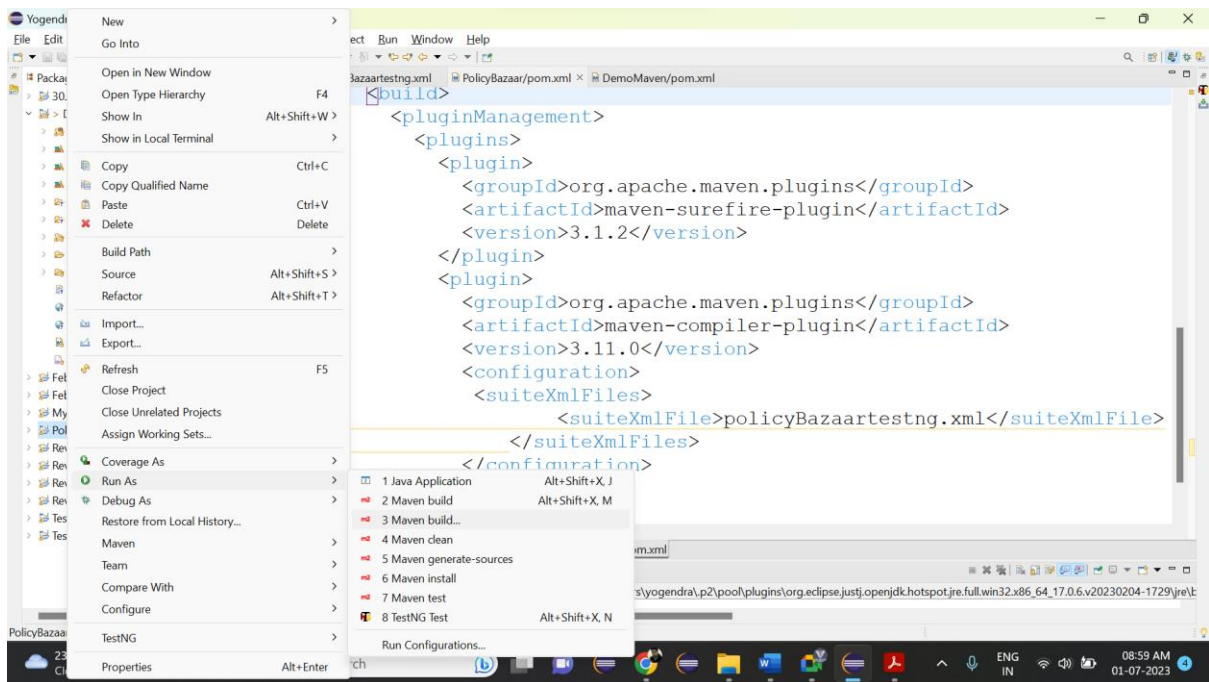


We will get compilation details

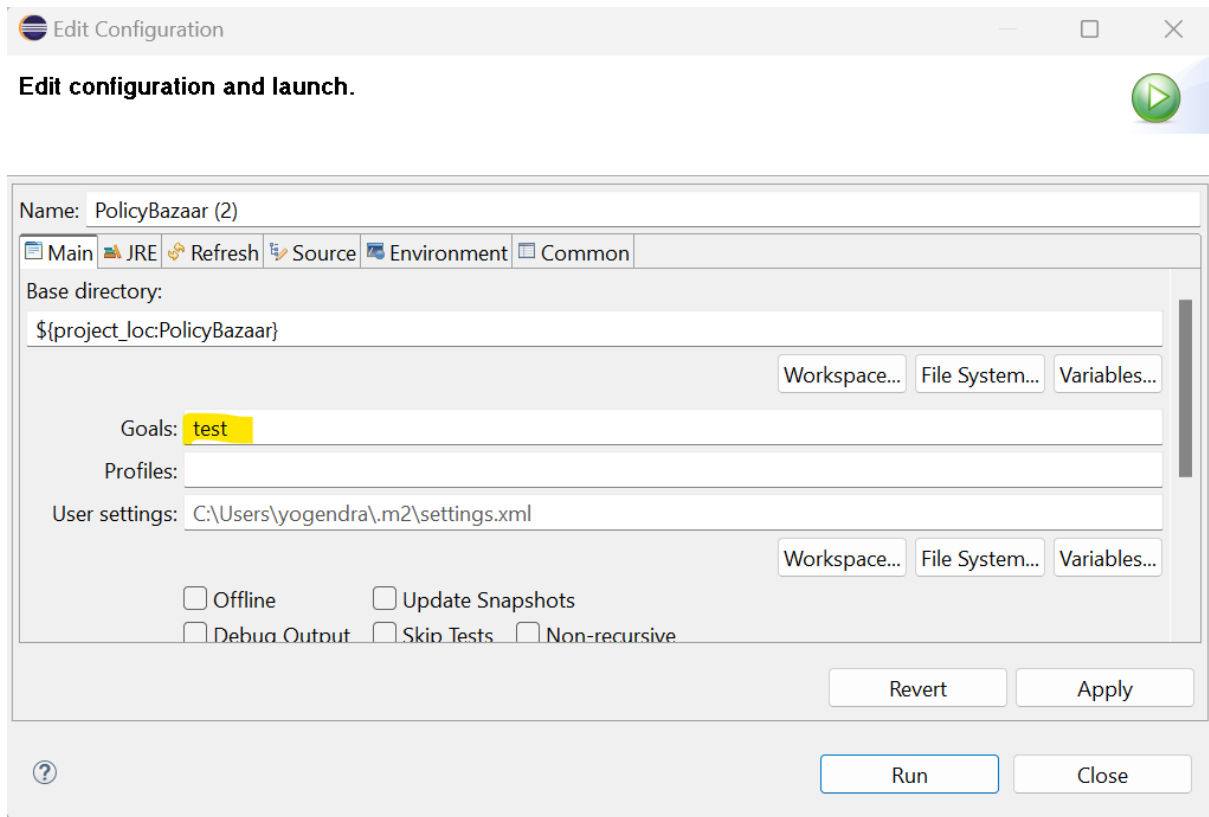
The screenshot shows the Eclipse IDE's console window with the following output:

```
[INFO] Scanning for projects...
[INFO]
[INFO] -----< Velocity:PolicyBazaar >-----
[INFO] Building PolicyBazaar 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ PolicyBazaar ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is plat
[INFO] skip non existing resourceDirectory D:\Yogendra\PolicyBazaar\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.11.0:compile (default-compile) @ PolicyBazaar ---
[INFO] Changes detected - recompiling the module! :input tree
[WARNING] File encoding has not been set, using platform encoding UTF-8, i.e. build is platform d
[INFO] Compiling 4 source files with javac [debug target 1.8] to target\classes
[WARNING] bootstrap class path not set in conjunction with -source 8
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 2.147 s
[INFO] Finished at: 2023-07-01T09:00:22+05:30
[INFO]
-----
```

Right click on project → Run as → maven build(select 2<sup>nd</sup> option )



In new configuration window add **goal → test**



You will get test report➡

