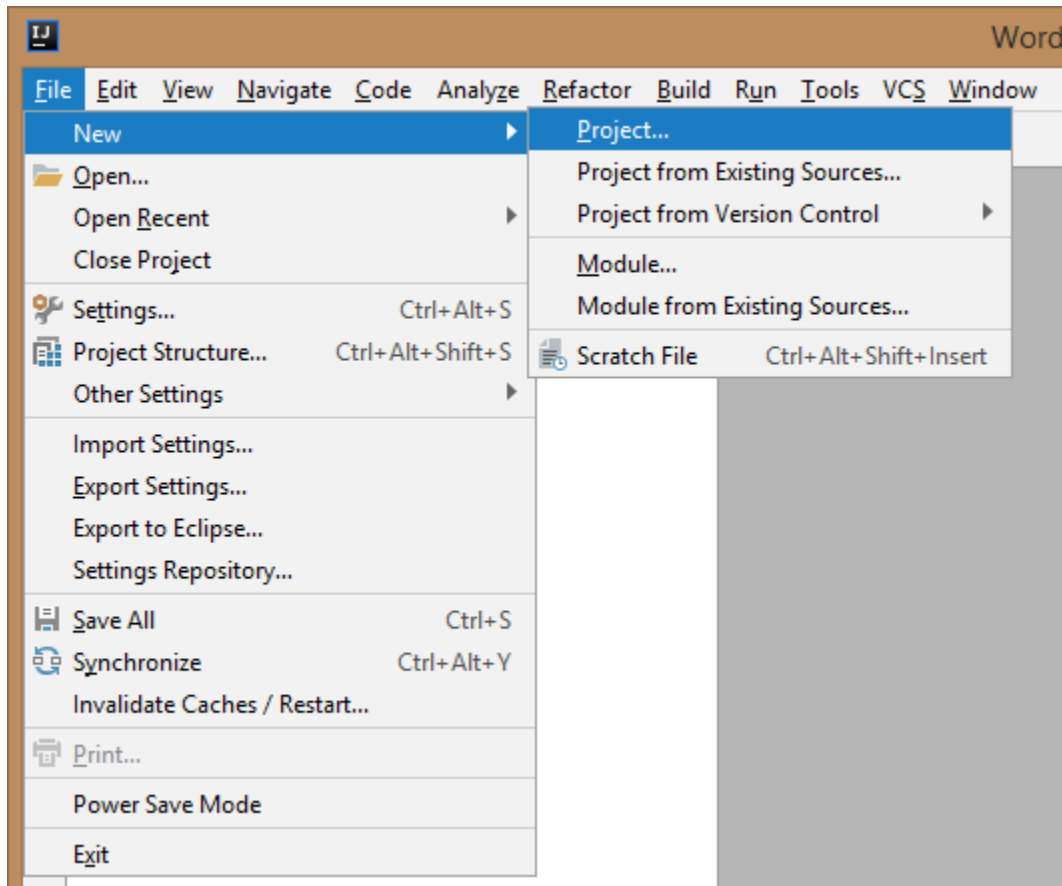
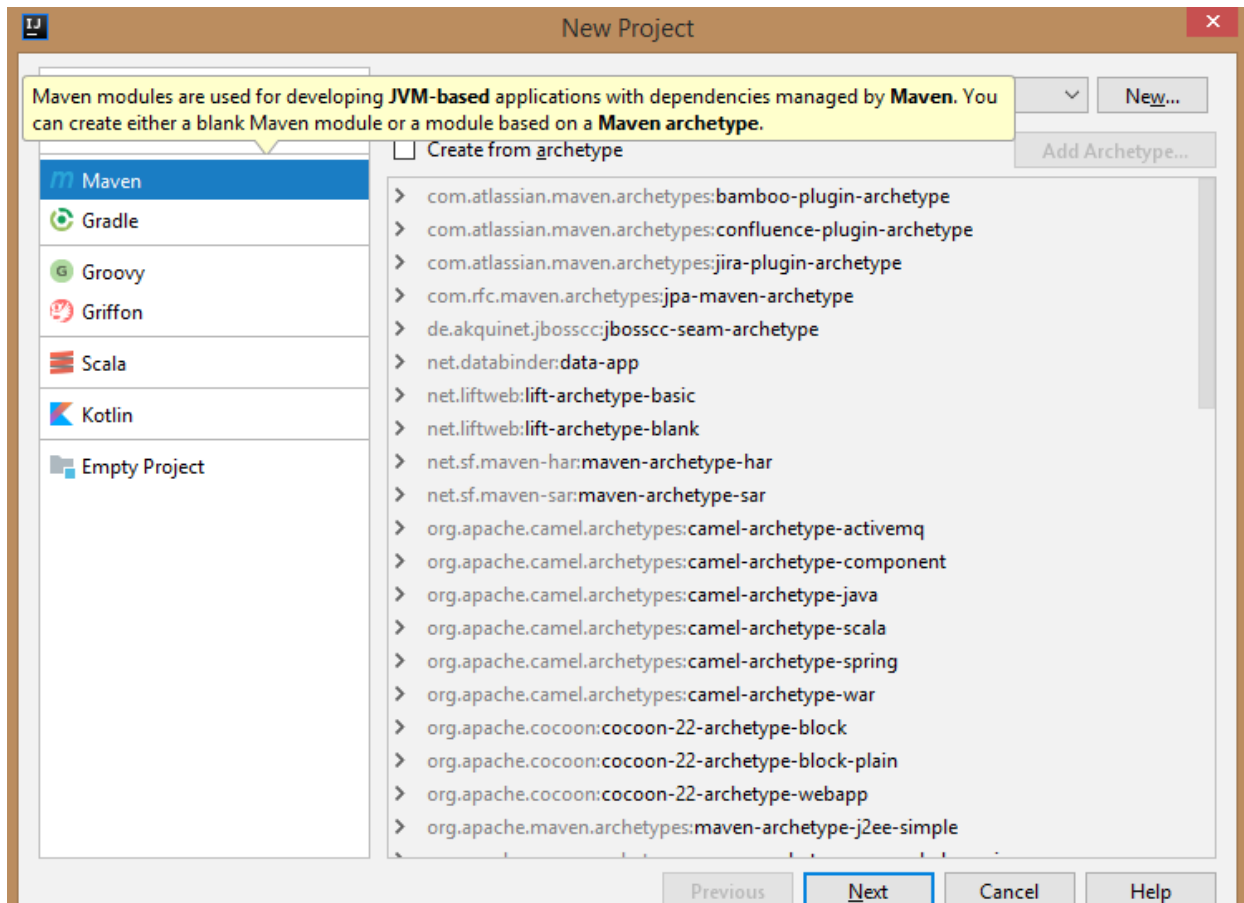


1. Create a maven project

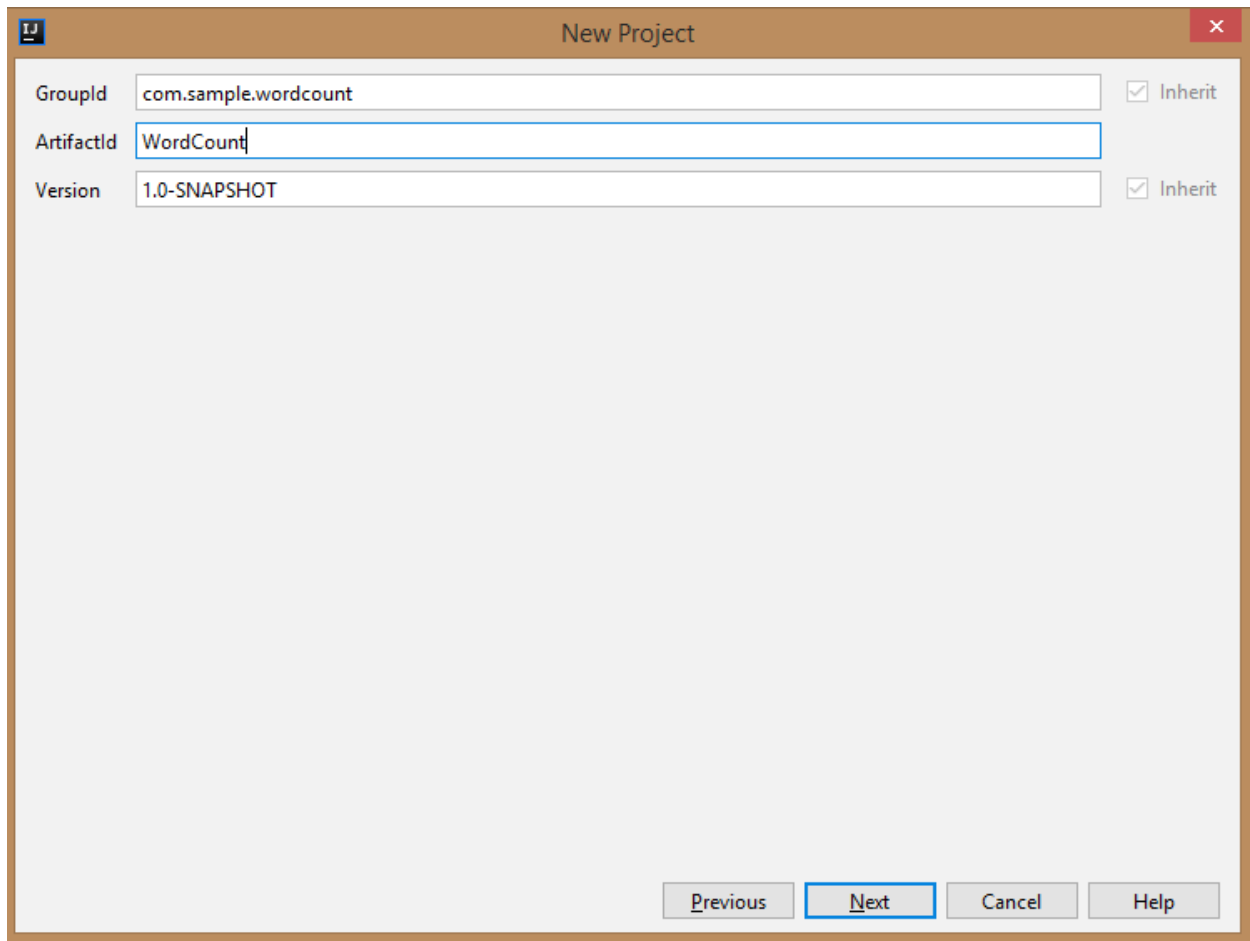


2. Choose maven



3. Click Next

4. Enter GroupId and Artifact

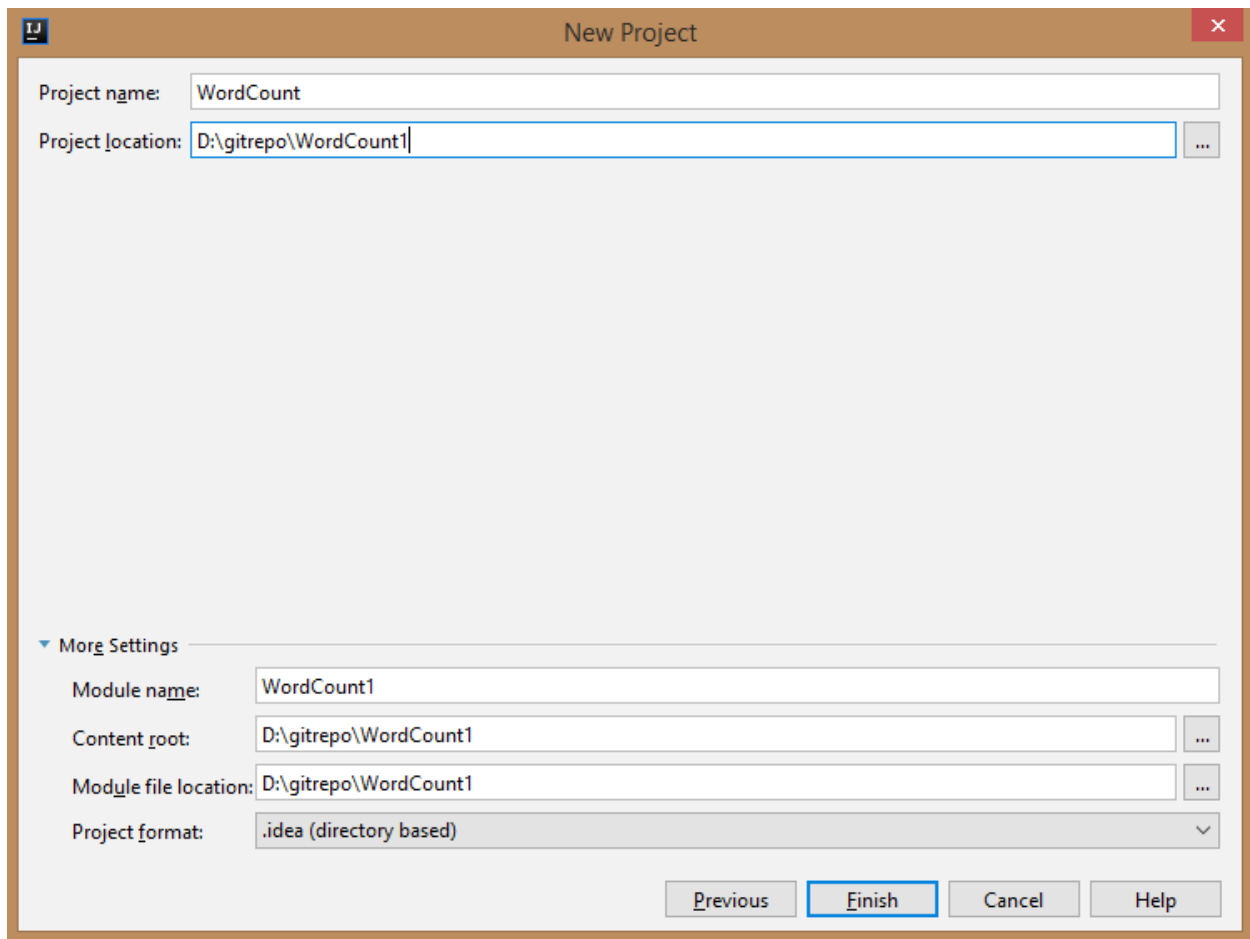


The image shows a 'New Project' dialog box with a brown title bar and a red close button. It contains three input fields: 'GroupId' with the value 'com.sample.wordcount', 'ArtifactId' with the value 'WordCount', and 'Version' with the value '1.0-SNAPSHOT'. To the right of each field is a checkbox labeled 'Inherit', all of which are checked. At the bottom right, there are four buttons: 'Previous', 'Next' (which is highlighted with a blue border), 'Cancel', and 'Help'.

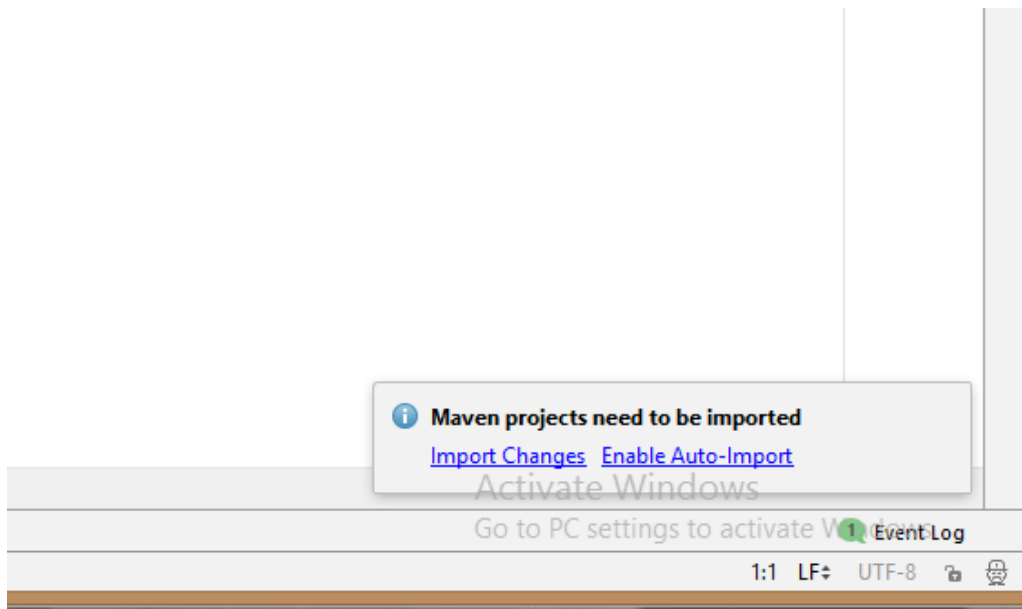
GroupId	com.sample.wordcount	<input checked="" type="checkbox"/> Inherit
ArtifactId	WordCount	<input checked="" type="checkbox"/> Inherit
Version	1.0-SNAPSHOT	<input checked="" type="checkbox"/> Inherit

Previous Next Cancel Help

5. Select target directory for project



6. Enable auto import on bottom right corner



7. Copy following code and paste it in pom.xml file just before `</project>` tag

```
<dependencies>
```

```
  <dependency>
```

```
    <groupId>org.apache.hadoop</groupId>
```

```
    <artifactId>hadoop-common</artifactId>
```

```
    <version>2.6.2</version>
```

```
  </dependency>
```

```
  <dependency>
```

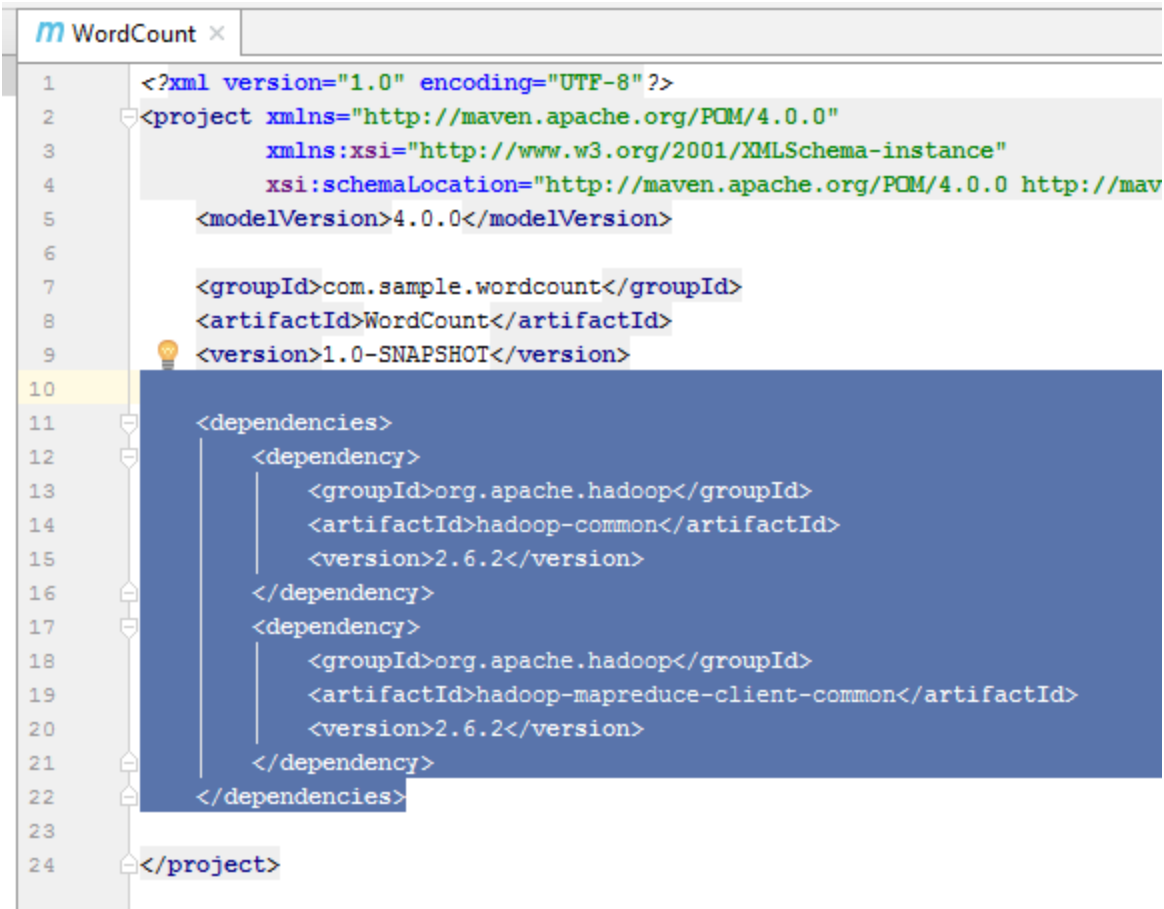
```
    <groupId>org.apache.hadoop</groupId>
```

```
    <artifactId>hadoop-mapreduce-client-common</artifactId>
```

```
    <version>2.6.2</version>
```

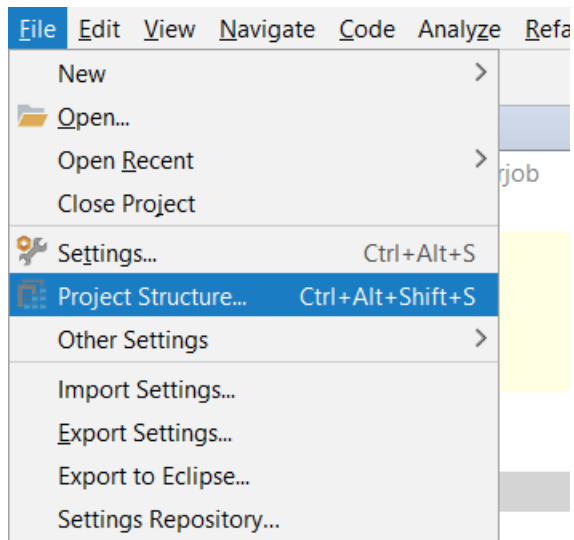
```
  </dependency>
```

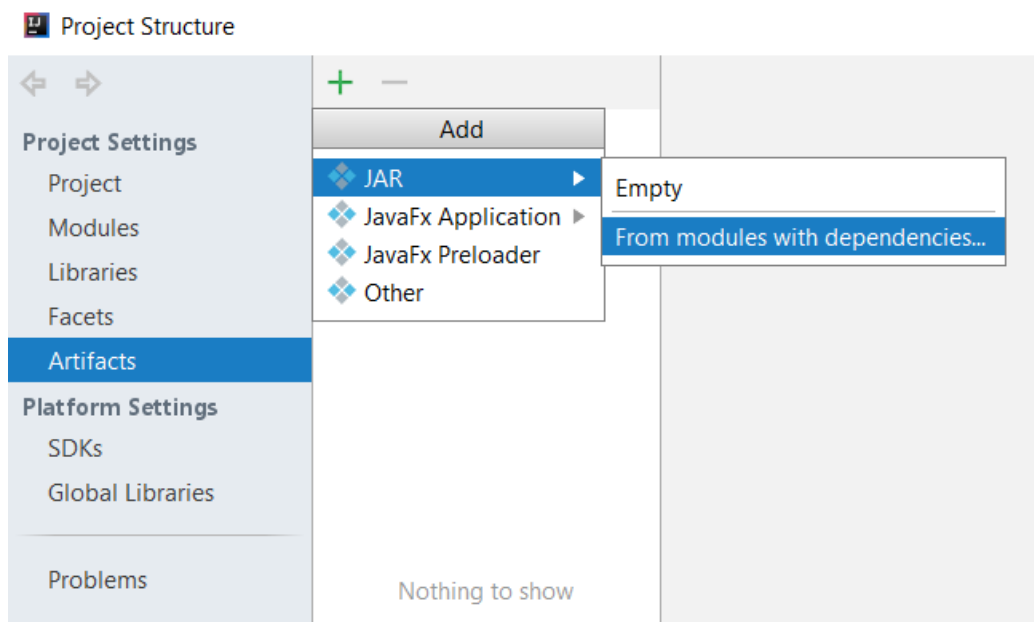
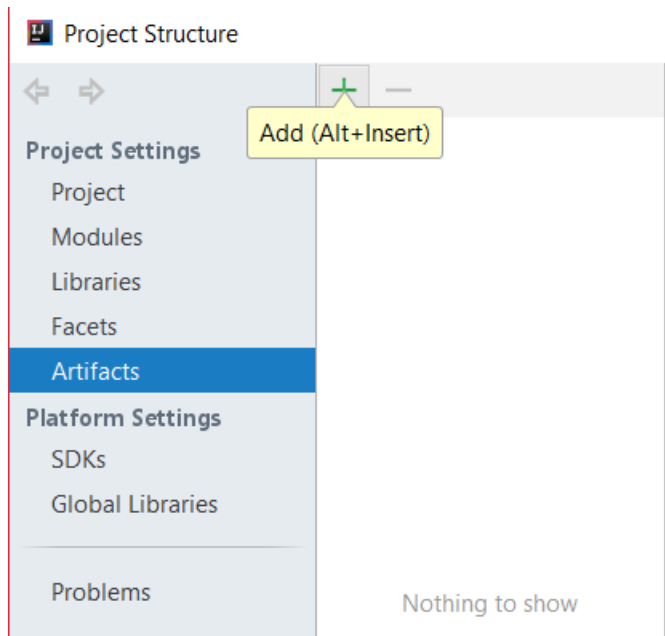
```
</dependencies>
```

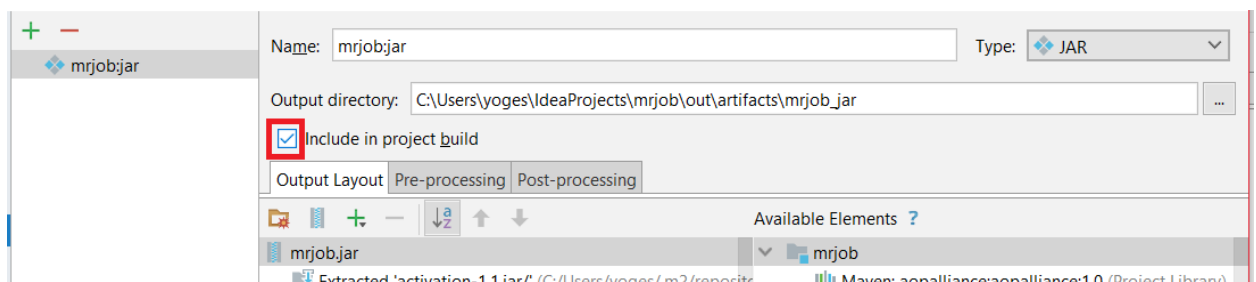
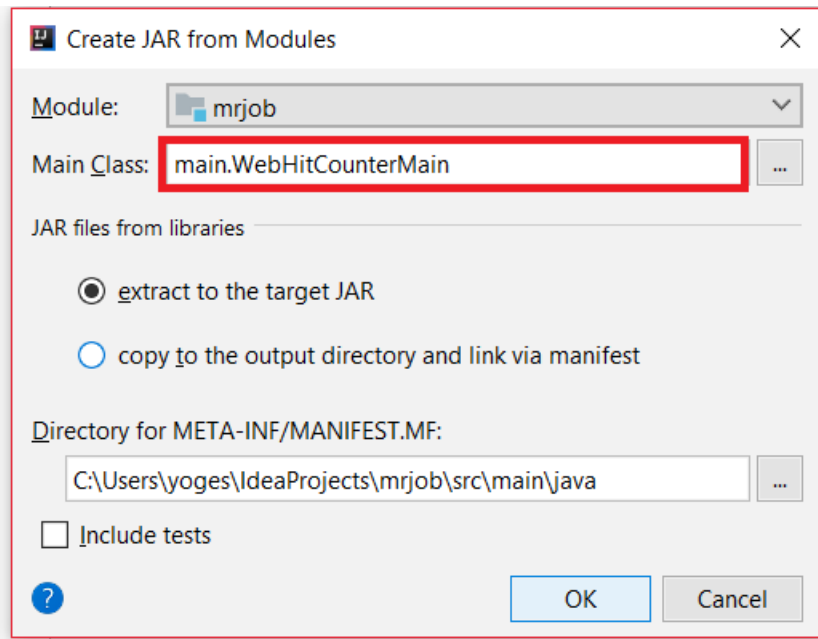


```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0"
3         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4         xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://mav
5         <modelVersion>4.0.0</modelVersion>
6
7         <groupId>com.sample.wordcount</groupId>
8         <artifactId>WordCount</artifactId>
9         <version>1.0-SNAPSHOT</version>
10
11         <dependencies>
12             <dependency>
13                 <groupId>org.apache.hadoop</groupId>
14                 <artifactId>hadoop-common</artifactId>
15                 <version>2.6.2</version>
16             </dependency>
17             <dependency>
18                 <groupId>org.apache.hadoop</groupId>
19                 <artifactId>hadoop-mapreduce-client-common</artifactId>
20                 <version>2.6.2</version>
21             </dependency>
22         </dependencies>
23
24 </project>
```

8. Copy WordCount.java file under the package
9. Configure IntelliJ to generate a JAR file as following







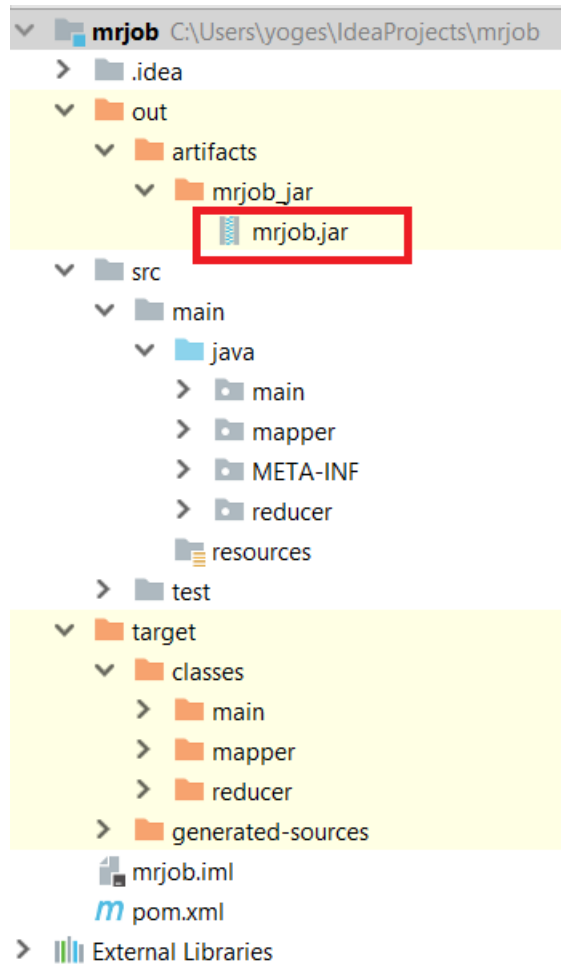
10. Click OK

11. Build your JAR file by following

Build -> Rebuild Project

On main menu

12. You will find your JAR file in out directory:



13. Get this JAR into your VM and run it

References:

<https://mvnrepository.com/artifact/org.apache.hadoop>

<https://stackoverflow.com/questions/26975818/what-is-scope-under-dependency-in-pom-xml-for>

<https://stackoverflow.com/questions/1082580/how-to-build-jars-from-intellij-properly>