

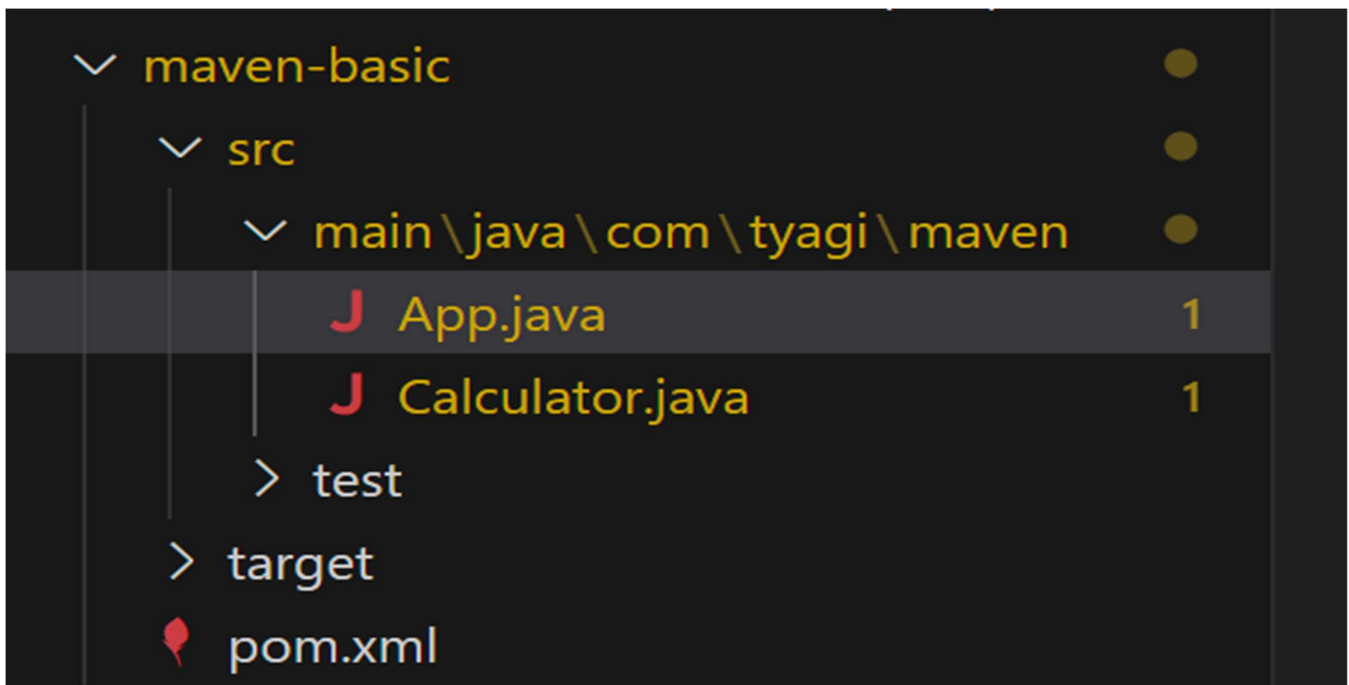
## Creating Project

```
C:\Users\veert\OneDrive\Desktop\JUnit>mvn archetype:generate -DgroupId=com.tyagi.maven -DartifactId=maven-basic -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false
Picked up JAVA_TOOL_OPTIONS: -Dstdout.encoding=UTF-8 -Dstderr.encoding=UTF-8
[INFO] Scanning for projects...
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO] >>> archetype:3.4.0:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO] <<< archetype:3.4.0:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO] --- archetype:3.4.0:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Batch mode
[INFO] -----
[INFO] Using following parameters for creating project from Old (1.x) Archetype: maven-archetype-quickstart:1.0
[INFO] -----
[INFO] Parameter: basedir, Value: C:\Users\veert\OneDrive\Desktop\JUnit
[INFO] Parameter: package, Value: com.tyagi.maven
[INFO] Parameter: groupId, Value: com.tyagi.maven
[INFO] Parameter: artifactId, Value: maven-basic
[INFO] Parameter: packageName, Value: com.tyagi.maven
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] project created from Old (1.x) Archetype in dir: C:\Users\veert\OneDrive\Desktop\JUnit\maven-basic
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.139 s
[INFO] Finished at: 2025-07-03T22:51:14+05:30
[INFO] -----
C:\Users\veert\OneDrive\Desktop\JUnit>
```

## Compiling

```
C:\Users\veert\OneDrive\Desktop\JUnit\maven-basic>mvn clean compile
Picked up JAVA_TOOL_OPTIONS: -Dstdout.encoding=UTF-8 -Dstderr.encoding=UTF-8
[INFO] Scanning for projects...
[INFO] -----< com.tyagi.maven:maven-basic >-----
[INFO] Building maven-basic 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO] -----[ jar ]-----
[INFO] --- clean:3.2.0:clean (default-clean) @ maven-basic ---
[INFO] --- resources:3.3.1:resources (default-resources) @ maven-basic ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\veert\OneDrive\Desktop\JUnit\maven-basic\src\main\resources
target 1.8] to target\classes
[WARNING] bootstrap class path is not set in conjunction with -source 8
not setting the bootstrap class path may lead to class files that cannot run on JDK 8
--release 8 is recommended instead of -source 8 -target 1.8 because it sets the bootstrap class path automatically
[WARNING] source value 8 is obsolete and will be removed in a future release
[WARNING] target value 8 is obsolete and will be removed in a future release
[WARNING] To suppress warnings about obsolete options, use -Xlint:-options.
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.540 s
[INFO] Finished at: 2025-07-03T22:52:57+05:30
[INFO] -----
C:\Users\veert\OneDrive\Desktop\JUnit\maven-basic>
```


## Folder Structure



## App.java



## Calculator.java

maven-basic > src > main > java > com > tyagi > maven >  Calculator.java > ...

```
1  package com.tyagi.maven;
2
3  public class Calculator {
4      public int add(int a, int b) {
5          return a + b;
6      }
7
8      public int multiply(int a, int b) {
9          return a * b;
10     }
11 }
12
```

## Pom.xml

maven-basic >  pom.xml

```
1  <project xmlns="http://maven.apache.org/POM/4.0.0"
2      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3      xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
4      http://maven.apache.org/xsd/maven-4.0.0.xsd">
5
6      <modelVersion>4.0.0</modelVersion>
7
8      <groupId>com.tyagi.maven</groupId>
9      <artifactId>maven-basic</artifactId>
10     <version>1.0-SNAPSHOT</version>
11
12     <dependencies>
13
14         <dependency>
15             <groupId>org.apache.commons</groupId>
16             <artifactId>commons-lang3</artifactId>
17             <version>3.12.0</version>
18         </dependency>
19     </dependencies>
20
21 </project>
22
```

## Output

```
[INFO]
[INFO] --- exec:3.5.1:java (default-cli) @ maven-basic ---
Sum: 15
Product: 50
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
Product: 50
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] -----
[INFO] Total time: 0.873 s
[INFO] Finished at: 2025-07-03T22:55:36+05:30
[INFO] -----

C:\Users\veert\OneDrive\Desktop\JUnit\maven-basic>
```