

MAVEN - INTELLIJ IDEA IDE INTEGRATION

http://www.tutorialspoint.com/maven/maven_intellij_idea.htm

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IntelliJ IDEA has inbuilt support for Maven. We're using IntelliJ IDEA Community Edition 11.1 in this example.

Some of features of IntelliJ IDEA are listed below

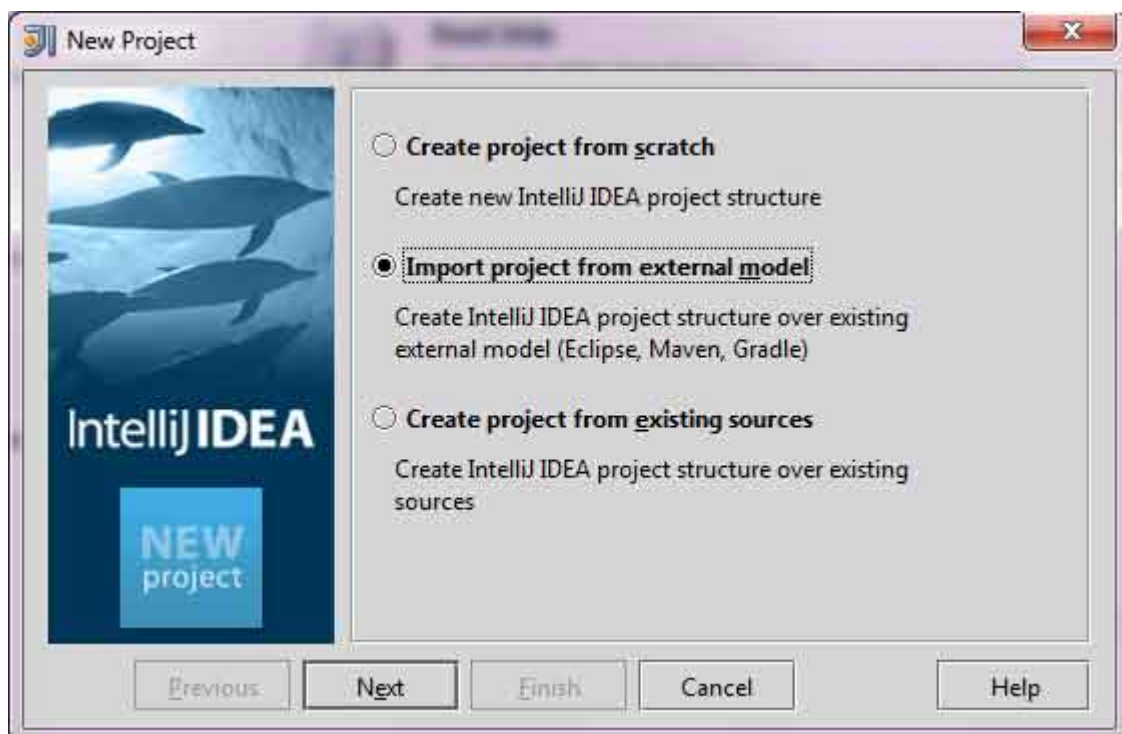
- You can run Maven goals from IntelliJ IDEA.
- You can view the output of Maven commands inside the IntelliJ IDEA using its own console.
- You can update maven dependencies within IDE.
- You can Launch Maven builds from within IntelliJ IDEA.
- IntelliJ IDEA does the dependency management automatically based on Maven's pom.xml.
- IntelliJ IDEA resolves Maven dependencies from its workspace without installing to local Maven repository *requires dependency project be in same workspace*.
- IntelliJ IDEA automatic downloads required dependencies and sources from the remote Maven repositories.
- IntelliJ IDEA provides wizards for creating new Maven projects, pom.xml

Following example will help you to leverage benefits of integrating IntelliJ IDEA and Maven.

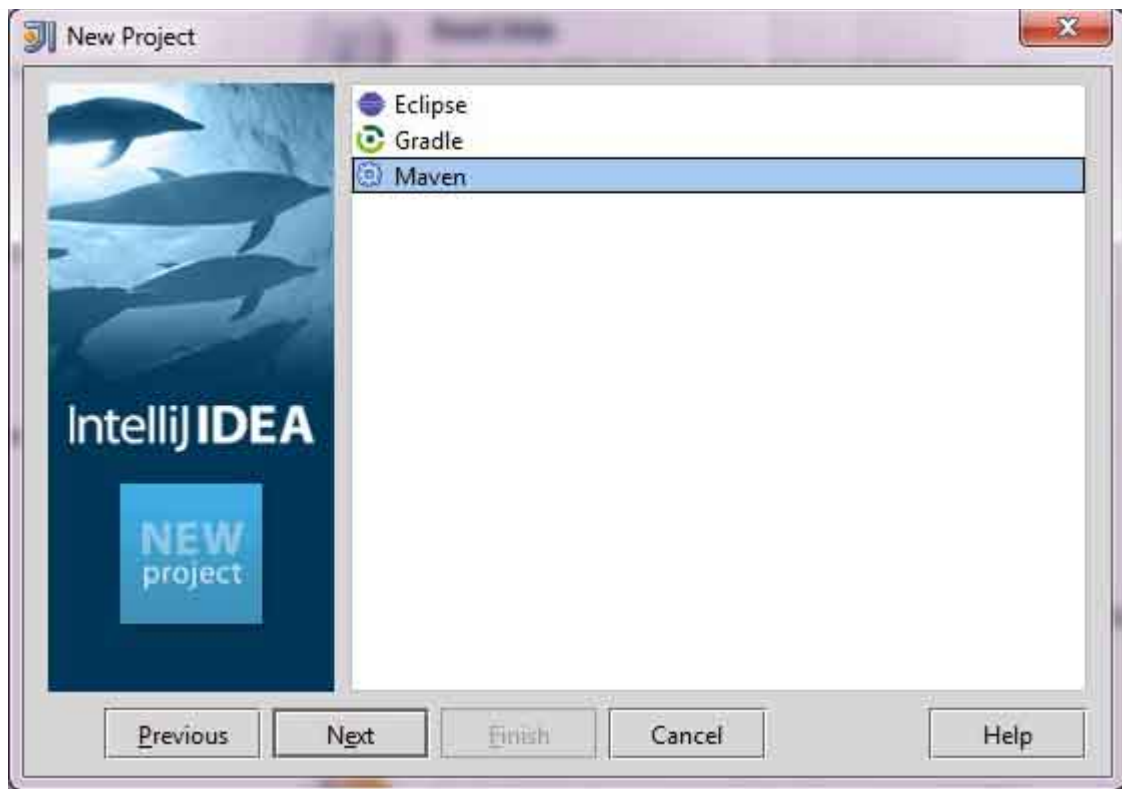
Create a new project in IntelliJ IDEA

We'll import Maven project using New Project Wizard.

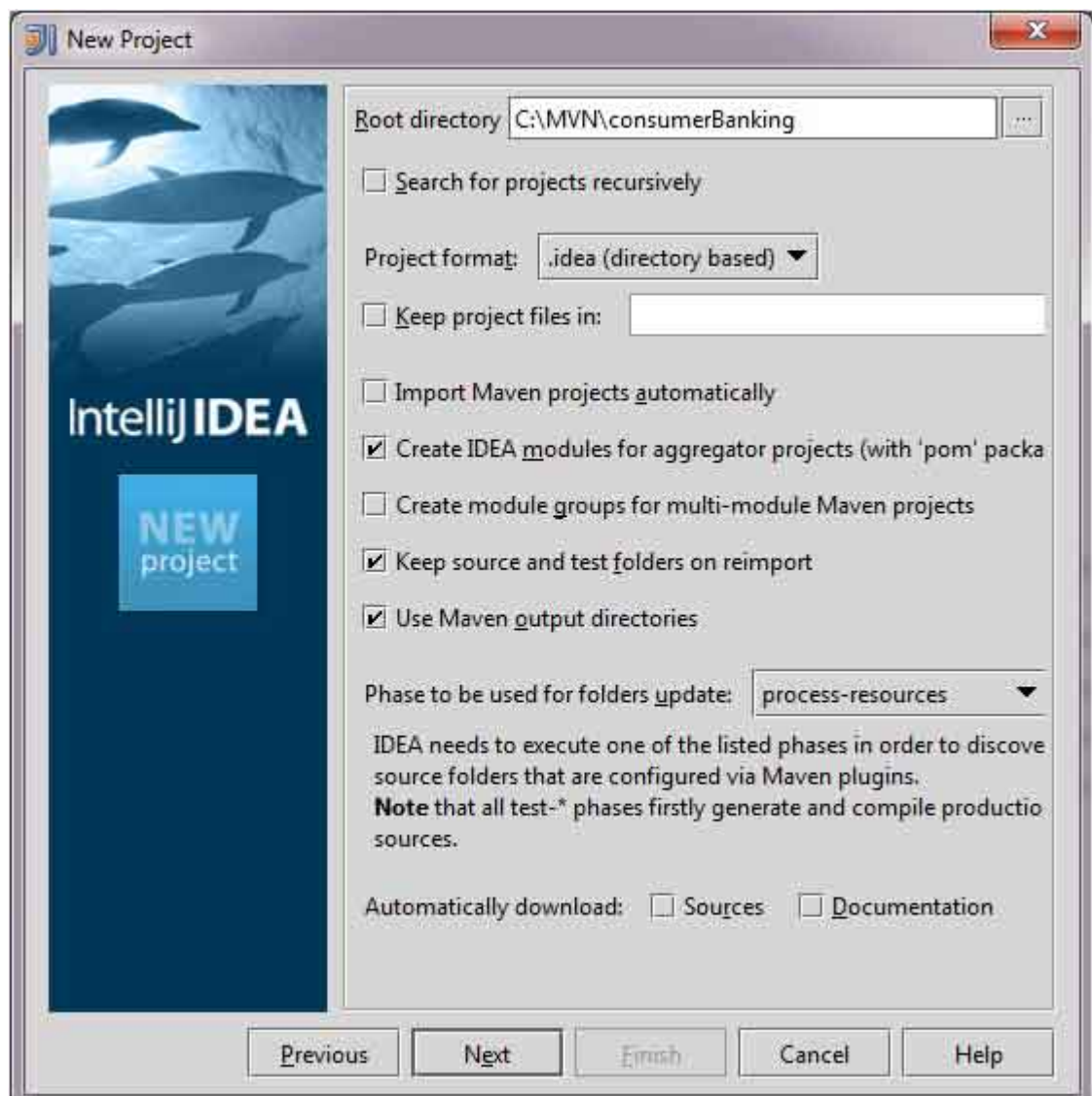
- Open IntelliJ IDEA.
- Select **File Menu > New Project** Option.
- Select import project from existing model.



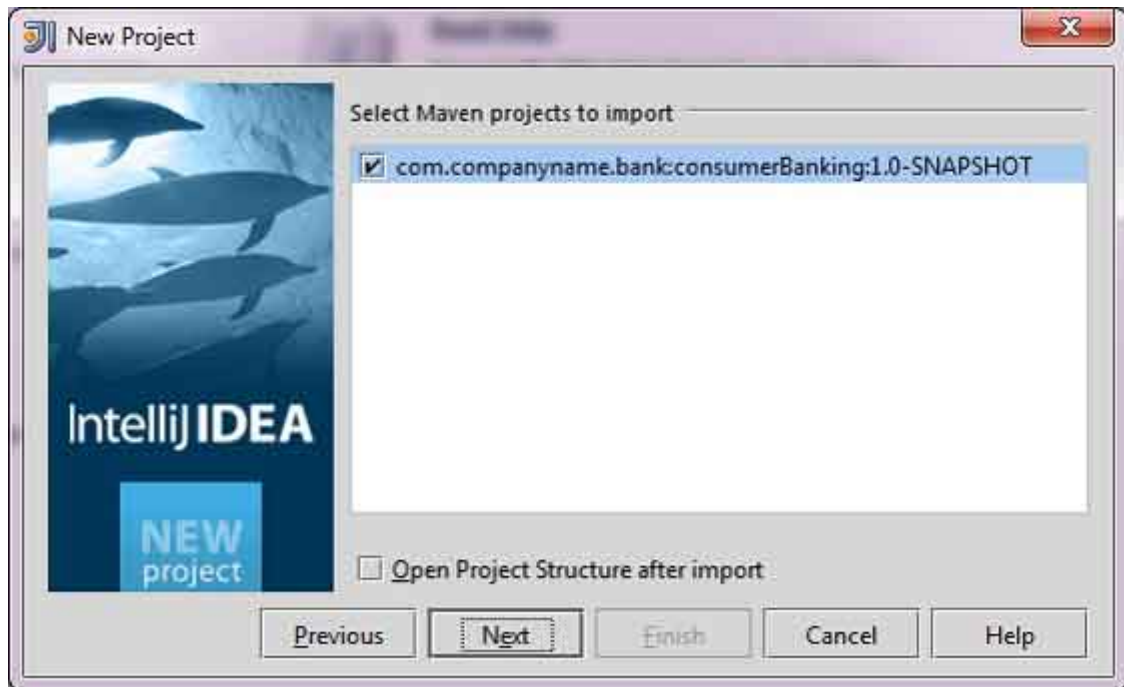
- Select Maven option



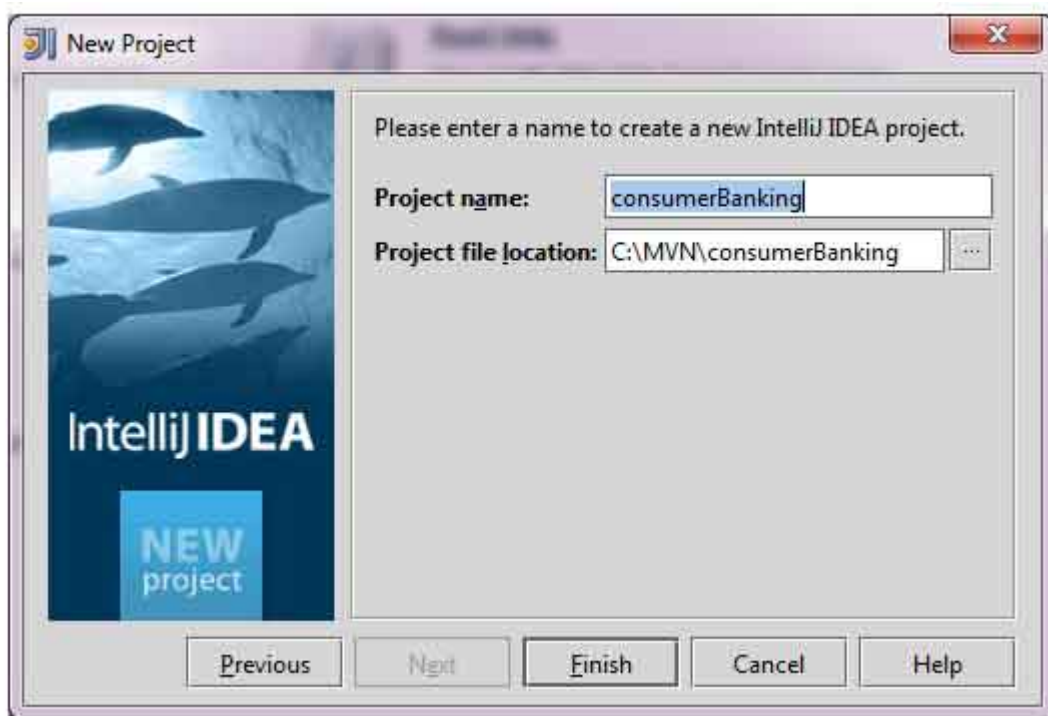
- Select Project location, where a project was created using Maven. We've create a Java Project consumerBanking. See [Maven Creating Project](#) to see how to create a project using Maven.



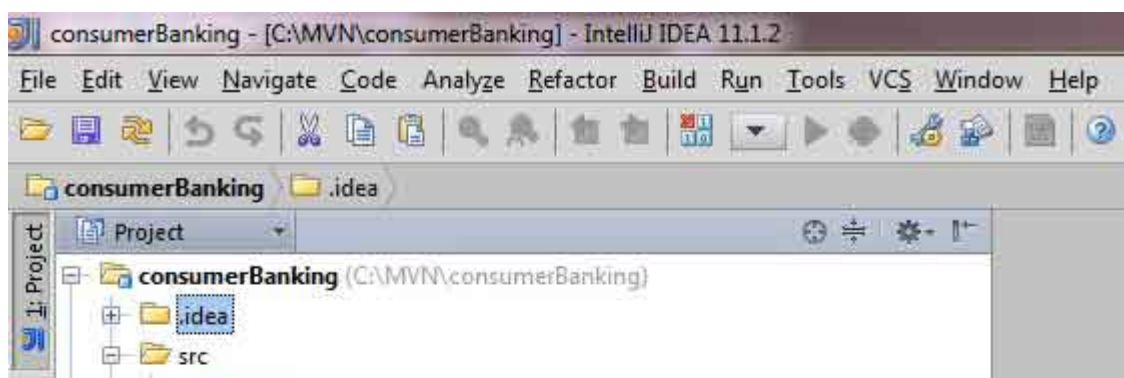
- Select Maven project to import.

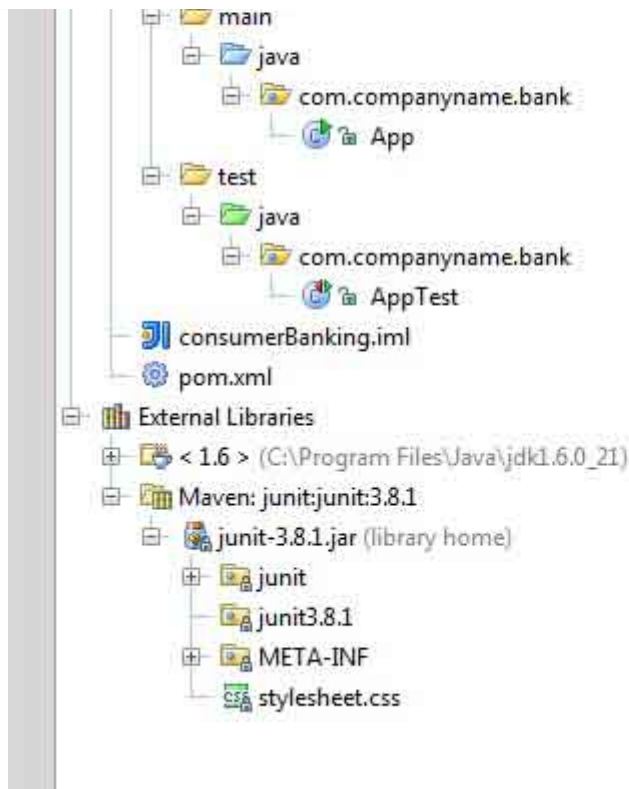


- Enter name of the project and click finish.



Now, you can see the maven project in IntelliJ IDEA. Have a look at consumerBanking project external libraries. You can see that IntelliJ IDEA has added Maven dependencies to its build path under Maven section.





Build a maven project in IntelliJ IDEA

Now, Its time to build this project using capability of IntelliJ IDEA.

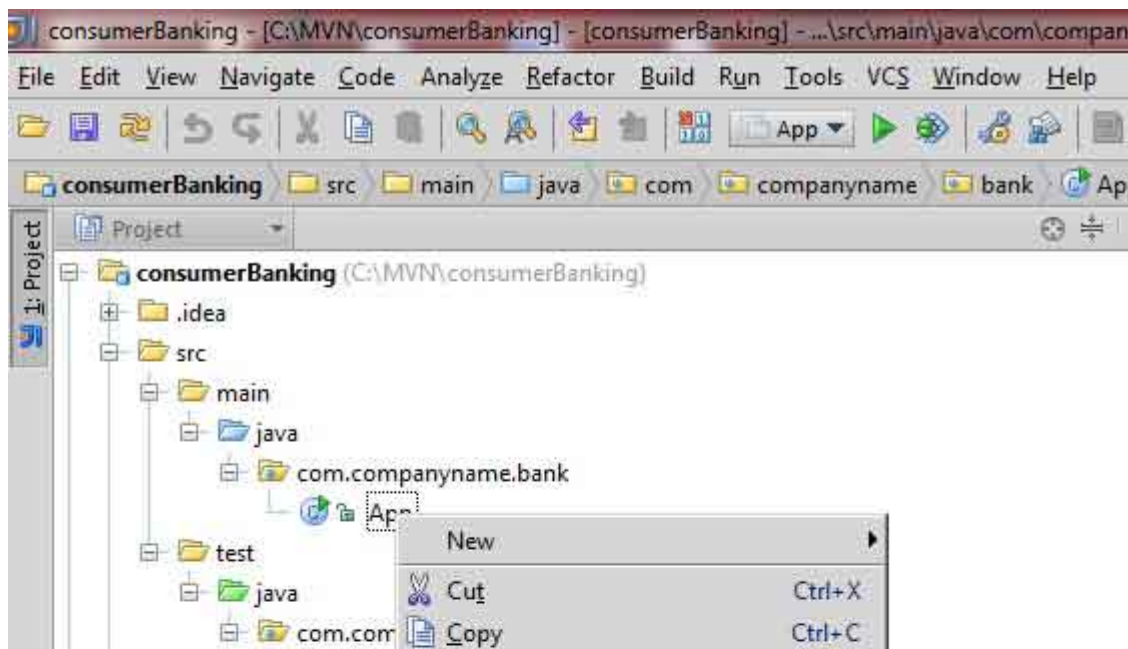
- Select consumerBanking project.
- Select **Buid menu > Rebuild Project** Option

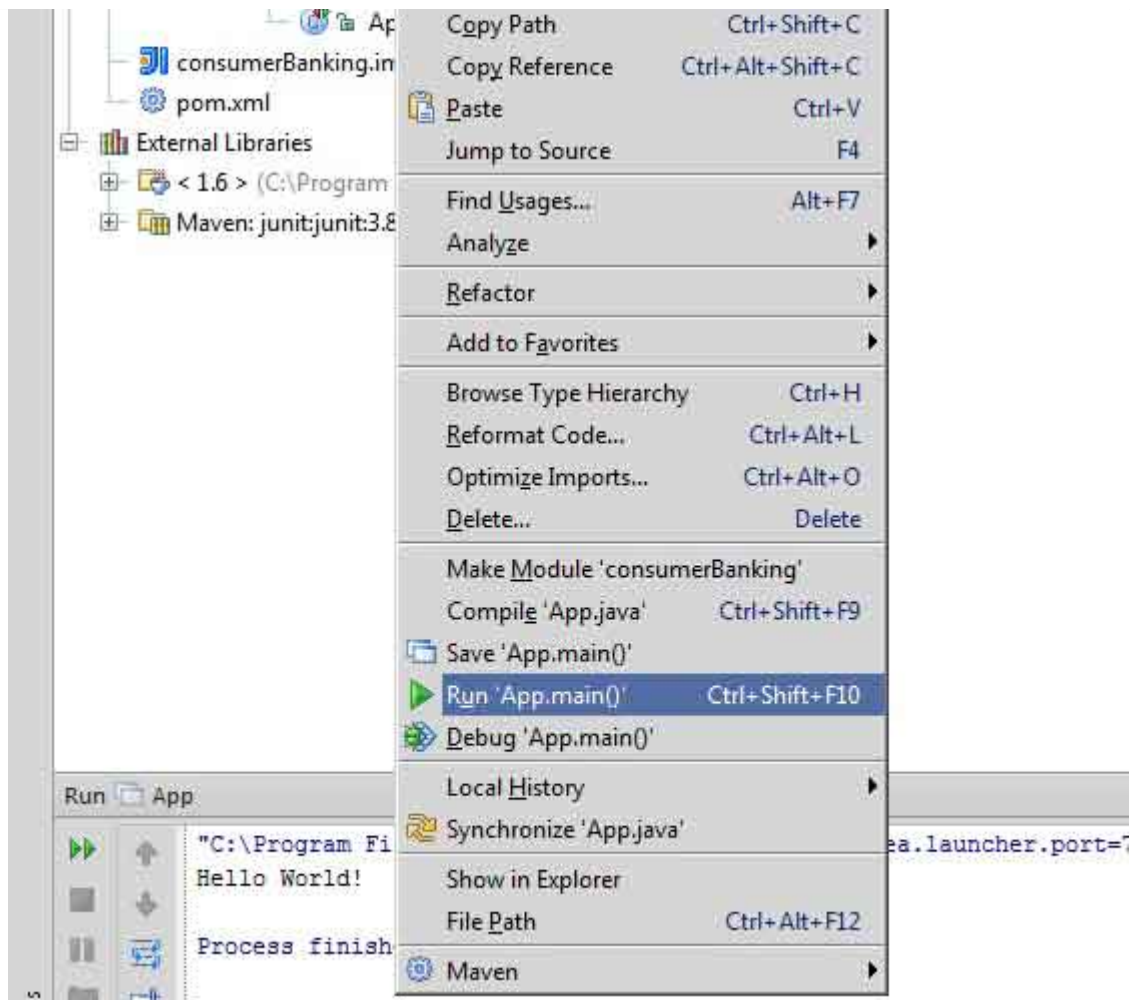
You can see the output in IntelliJ IDEA Console

4:01:56 PM **Compilation** completed successfully

Run Application in IntelliJ IDEA

- Select consumerBanking project.
- Right click on App.java to open context menu.
- select **Run App.main**





You will see the result in IntelliJ IDEA Console.

```
"C:\Program Files\Java\jdk1.6.0_21\bin\java"
-Didea.launcher.port=7533
"-Didea.launcher.bin.path=
C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 11.1.2\bin"
-Dfile.encoding=UTF-8
-classpath "C:\Program Files\Java\jdk1.6.0_21\jre\lib\charsets.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\deploy.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\javaws.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\jce.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\jsse.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\management-agent.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\plugin.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\resources.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\rt.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\ext\dnsns.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\ext\localedata.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\ext\sunec_provider.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\ext\sunmscapi.jar;
C:\Program Files\Java\jdk1.6.0_21\jre\lib\ext\sunpkcs11.jar
C:\MVN\consumerBanking\target\classes;
C:\Program Files\JetBrains\
IntelliJ IDEA Community Edition 11.1.2\lib\idea_rt.jar"
com.intellij.rt.execution.application.AppMain com.companyname.bank.App
Hello World!
Process finished with exit code 0
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```