

Compile and Run Java Online
Java Development Kit
Simple Java IDEs: jGrasp & DrJava

Compile & Run Java Online

The easiest way to start programming in Java is to use a website that compiles and runs Java code in the browser.

Example URLs:

<https://www.javaonlinecompiler.com/>

<https://www.compilejava.net/>

<http://www.browxy.com/>

https://www.tutorialspoint.com/compile_java_online.php

<https://www.jdoodle.com/online-java-compiler>

... and more.

Java

Version - JDK 1.8.0_66

Your Code ...

```
1  /**
2   * Fig. 2.1: Welcome1.java
3   * Text-printing program.
4   */
5
6  public class Welcome1 {
7      public static void main (String[] args) {
8          System.out.println( "Welcome to Java Programming!" );
9      }
10 }
11
```

External Libraries ... [+ Add External Library \(from Maven Repo\)](#)

[cs1.keyboard](#)

Input Arguments (args of Main Method)...

Interactive mode : ☐ ON

[Execute](#)[Save](#)[My Projects](#)[Recent](#)[Collaborate](#)[Others ▾](#)[Goto Another Language/DB ▾](#)

Result...

compiled and executed in 0.942 second(s)

```
Welcome to Java Programming!
```

150%

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1 /**
2 Fig. 2.1: Welcome1.java
3 Text-printing program.
4 */
5
6 public class Welcome1 {
7 public static void main (String[] args) {
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More Info

(command line arguments)

COMPILE & EXECUTE

PASTE SOURCE

DOWNLOAD ZIP

eclipse

Successfully compiled /tmp/java_wVYuB0
/Welcome1.java <-- main method

Welcome to Java Programming!

Java Development Kit

Java SE 8 or above version, that is composed with two parts: JDK & JRE.

The Java Development Kit (JDK), Java开发包, which includes

- Ø the compiler javac,
- Ø the Java Virtual Machine (JVM), java, that interprets the compiled byte code,
- Ø and other tools such as Javadoc.

The Java Runtime Environment (JRE), Java 运行包, which includes

- Ø JVM, i.e. java
- Ø Java API (Application Program Interfaces, i.e. Java Libraries)

Special Recommendation: Two Simple Java IDEs:

- 1) jGrasp, <http://www.jgrasp.org/>
- 2) DrJava, <http://www.cs.rice.edu/~javaplt/drjavarice/>



