



Getting Started

[Next >](#)

Install

You might have Java already installed.

If you have Java installed on a Windows PC, search in the start bar for Java or opening in Command Prompt (cmd.exe):

```
your Name>java -version
```

If Java is installed, you will see something like this (depending on version):

```
java version "11.0.1" 2018-10-16 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.1+13-LTS)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.1+13-LTS, mixed mode)
```

If you do not have Java installed on your computer, you can download it for free at [oracle.com](https://www.oracle.com).

Note: In this tutorial, we will write Java code in a text editor. However, you can also write Java in an Integrated Development Environment, such as IntelliJ I





for Windows

on Windows:

"System Properties" (Can be found on Control Panel > System and Security > System > Advanced System Settings)

Click the "Environment variables" button under the "Advanced" tab

Select the "Path" variable in System variables and click on the "Edit" button. Click the "New" button and add the path where Java is installed, followed by a semicolon. By default, Java is installed in C:\Program Files\Java\jdk-11.0.1 (If nothing was specified when you installed it). In that case, You will have to add a new path:

C:\Program Files\Java\jdk-11.0.1\bin

Click "OK", and save the settings

Open Command Prompt (cmd.exe) and type **java -version** to see if Java is installed on your machine

[to install Java step-by-step with images »](#)

ADVERTISEMENT



Quickstart

Every application begins with a class name, and that class must match the

your first Java file, called Main.java, which can be done in any text editor (like

It should contain a "Hello World" message, which is written with the following

```
class Main {  
    static void main(String[] args) {  
        System.out.println("Hello World");  
    }  
}
```

self »

If you don't understand the code above - we will discuss it in detail in later articles. For now, focus on **how** to run the code above.

Save the code in Notepad as "Main.java". Open Command Prompt (cmd.exe), navigate to the directory where you saved your file, and type "javac Main.java":

```
C:\Users\Your Name>javac Main.java
```

This will compile your code. If there are no errors in the code, the command prompt will take you to the next line. Now, type "java Main" to run the file: