

## About the Tutorial

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This **Java tutorial** has been written for beginners to advanced programmers who are striving to learn Java programming. We have provided numerous practical examples to explain the concepts in simple and easy steps. This tutorial has been prepared and reviewed by experienced Java programmers at Tutorials Point, and the best effort has been put into making it useful for the students and Java developers.

After completing this tutorial, you will find yourself at a moderate level of expertise in Java programming, from where you can elevate yourself to the next levels.

## What is Java?

Java is a popular high-level, [object-oriented programming](#) language that was originally developed by Sun Microsystems and released in 1995. Currently, Java is owned by Oracle, and more than 3 billion devices run Java. Java runs on a variety of platforms, such as [Windows](#), Mac OS, and the various versions of UNIX. Today Java is being used to develop numerous types of software applications, including desktop apps, mobile apps, web apps, games, and much more.

*Java is a general-purpose programming language intended to let programmers **Write Once, Run Anywhere (WORA)**. This means that compiled Java code can run on all platforms that support Java without the need to recompile.*

In this tutorial, you will learn everything about Java, starting from basics to advanced concepts such as overview, history, installations, basic input/output, conditional & control statements, arrays, classes, inheritance, method overloading & overriding, exception handling, and many more.

## Java First Example

The first example in Java is to [print "Hello, World!"](#) on the screen. Let's have a quick look at the first example in Java programming:

```
public class MyFirstJavaProgram {  
  
    /* This is my first java program.  
     * This will print 'Hello, World!' as the output  
     */  
  
    public static void main(String []args) {  
        System.out.println("Hello. World!"): // prints Hello. World!
```

## Why Learn Java?

Java is a MUST to learn programming language for students and working professionals to become a great software engineer, especially when they are working in the software development domain. If you will conduct a survey about the best programming language around, Java is sure to come up.

Java is a fairly easy programming language to learn, so if you are starting to learn any programming language, then Java could be your great choice. There's also plenty of Java tools that make it easy for developers and beginners to learn Java and develop applications. There are many other good reasons that make Java the first choice of any programmer:

- Java is open source, which means it's available free of cost.
- Java is simple and so easy to learn.
- Java is much in demand and ensures a high salary.
- Java has a large, vibrant community.
- Java has powerful development tools.
- Java is platform-independent.