# Activity 1 - Java Hello World Program

A "Hello, World!" is a simple program that outputs Hello, World! on the screen. Since it's a very simple program, it's often used to introduce a new programming language to a newbie.

Let's explore how Java "Hello, World!" program works.

## Java "Hello, World!" Program

// Your First Program

class HelloWorld {

public static void main(String[] args) {

System.out.println("Hello, World!");

}

}

**Output**

Hello, World!

## How Java "Hello, World!" Program Works?

1. // Your First Program  
     
   In Java, any line starting with // is a comment. Comments are intended for users reading the code to understand the intent and functionality of the program. It is completely ignored by the Java compiler (an application that translates Java program to Java bytecode that computer can execute).
2. class HelloWorld { ... }  
     
   In Java, every application begins with a class definition. In the program, HelloWorld is the name of the class, and the class definition is:

class HelloWorld {

... .. ...

}

For now, just remember that every Java application has a class definition, and the name of the class should match the filename in Java.

1. public static void main(String[] args) { ... }  
     
   This is the main method. Every application in Java must contain the main method. The Java compiler starts executing the code from the main method.  
     
   **How does it work?** Good question. However, we will not discuss it in this article. After all, it's a basic program to introduce Java programming language to a newbie. We will learn the meaning of public, static, void, and [how methods work](https://www.programiz.com/java-programming/methods)? in later chapters.  
     
   For now, just remember that the main function is the entry point of your Java application, and it's mandatory in a Java program. The signature of the main method in Java is:

public static void main(String[] args) {

... .. ...

}

1. System.out.println("Hello, World!");

The code above is a print statement. It prints the text Hello, World! to standard output (your screen). The text inside the quotation marks is called String in Java.