



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

Save the above file as MyProgram.java

Compile it => transfer the high-level language to machine language

⇒ MyProgram.class has been produced

A **Java compiler** is a **compiler** for the programming language **Java**.

The **Java** virtual machine (JVM) loads the class files and either interprets the bytecode or just-in-time compiles it to machine code and then possibly optimizes it using dynamic **compilation**.

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}
```

1. You must know that the **file name** same as **class name**.

MyProgram.java

2. There are **two nested containers**:

a. Outer Container is a **class**

b. Inner Container is a **method**, main.

3. Two **braces** represent the **beginning** and the **ending** of the container.