

Lecture 8. Creating, Compiling & Executing a Java Program (创建、编译和执行 Java 程序)

Write Java Code in Notepad

Create a Java program using a simple text editor

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

Save the file as Class_name.java on the computer

(文件的名称应该与类的名称相同，且应该是 .java 文件，以便能够编译该文件)

文件名(N):	HelloWorld.java
保存类型(T):	文本文档(*.txt)
	文本文档(*.txt)
	所有文件

Compile MainJava Using CMD

```
PS C:\Users\于采卉> cd Desktop  
PS C:\Users\于采卉\Desktop> javac HelloWorld.java  
PS C:\Users\于采卉\Desktop> dir HelloWorld.*
```

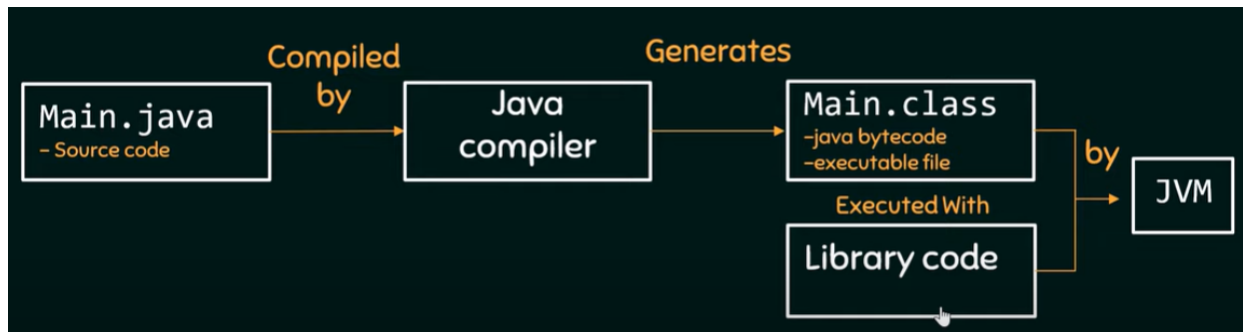
目录: C:\Users\于采卉\Desktop

Mode	LastWriteTime	Length	Name
-a----	2023/9/15 18:17	426	HelloWorld.class
-a----	2023/9/9 13:54	126	HelloWorld.java

Run our Java Program using Command Window

```
PS C:\Users\于采卉\Desktop> java HelloWorld  
Hello YuCaiH  
PS C:\Users\于采卉\Desktop> |
```

What happens exactly?



Java can run on any computer

