

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

```
public final class Main {  
    public static void main (final String... args)  
        System.out.println ("Hello world!");  
    }  
}
```

- ▶ access modifier for things with unrestricted access; one public, top-level Java class per file
- ▶ keyword introducing a Java class
- ▶ name of class; capitalized by convention; should be same as file name
- ▶ access modifier for methods with unrestricted access; method `main` must be public if it is to be the starting point of the program by the Java virtual machine
- ▶ method modifier indicating a non-instance method
- ▶ return type of `void` means the method does not return a value; it is a subprocedure not a function

- ▶ name of method; must be called "main" if it is to be the starting method
- ▶ type of the one parameter to the method; must be an array of strings, if the method is to be the starting method
- ▶ name of the one parameter to the method
- ▶ `java.lang.System` is the name of the class in package `java.lang` containing standard I/O objects
- ▶ Field of `java.lang.System` with type `java.io.PrintWriter` contain the object contined to the program standard output stream.
- ▶ Name of the overloaded method that puts strings on to output stream (prints or displays the text on the screen).