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Java Syntax

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Java Syntax

In the previous chapter, we created a Java file called `Main.java`, and we used the following code to print "Hello World" to the screen:

Main.java

```java
public class Main {
  public static void main(String[] args) {
    System.out.println("Hello World");
  }
}
```
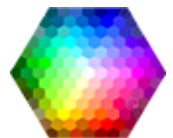
COLOR PICKER

Example explained

Every line of code that runs in Java must be inside a `class`. And the class name should always start with an uppercase first letter. In our example, we named the class **Main**.

Note: Java is case-sensitive: "MyClass" and "myclass" has different meaning.

The name of the java file **must match** the class name. When saving the file, save it using the class name and add ".java" to the end of the filename. To run the example above on your computer, make sure that Java is properly installed: Go to the Get Started Chapter for how to install Java. The output should be:

```
Hello World
```

The main Method

The `main()` method is required and you will see it in every Java program:

```java
public static void main(String[] args)
```

Java Tutorial

Java Methods

For now, just remember that every Java program has a `class` name which must match the filename, and that every program must contain the `main()` method.

System.out.println()

Inside the `main()` method, we can use the `println()` method to print a line of text to the screen:

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

Try it Yourself »

Note: The curly braces `{}` marks the beginning and the end of a block of code.

`System` is a built-in Java class that contains useful members, such as `out`, which is short for "output". The `println()` method, short for "print line", is used to print a value to the screen (or a file).

Don't worry too much about how `System`, `out` and `println()` works. Just know that you need them together to print stuff to the screen.

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Exercise ?

A file containing a class called MyClass should be saved as:

○ MyClass.jv

○ MyClass.java

○ MyClass.js

Submit Answer »

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Java Syntax

Introduction to Java Syntax

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