

# Java Notes - See Files at <http://teach.kralsite.com>

## Getting Started

Get this code  
HelloWorldApp.java

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

## Windows

Edit the PATH variable by adding the file location that points to the location of your java installation. Point to the /bin directory (folder).

Example for Windows 7.

Variable	Value
Path	[a bunch of stuff separated by semicolons];C:\Program Files (x86)\Java\jdk1.7.0_01\bin

### Setting Path on Windows

#### Windows 7

1. Select Computer from the Start menu
2. Choose System Properties from the context menu
3. Click Advanced system settings > Advanced tab
4. Click on Environment Variables, under System Variables, find **PATH**, and click on it.
5. In the Edit windows, modify **PATH** by adding the location of the class to the value for **PATH**. If you do not have the item **PATH**, you may select to add a new variable and add **PATH** as the name and the location of the class as the value.
6. Reopen Command prompt window, and run your java code.

<http://java.com/en/download/help/path.xml>

### Compile and Run

```
Open Command Prompt
> java -version
java version "1.6.0_27"
Java(TM) 2 Runtime Environment, Standard Edition (build 1.6.0_27-b07)
Java HotSpot(TM) Client VM (build 1.6.0_27-b13, mixed mode, sharing)
> dir
> cd My Documents
> cd (wherever you put your code)
> dir
HelloWorldApp.java
> javac HelloWorldApp.java
> dir
HelloWorldApp.class
HelloWorldApp.java
> java HelloWorldApp
Hello World!
>
```

<http://docs.oracle.com/javase/tutorial/getStarted/cupojava/win32.html>

### Where does Java live?

#### Windows 7

Java 7 (64 bit)  
C Program Files Java

Java 6 (32 bit)  
C Program Files (x86) Java