



# CS260 Intro to Java & Android

## 01.JDK Intro

Winter 2015

# Java Tutorials

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- The main sources of Java documentation will be the Java Tutorials
  - <http://download.oracle.com/javase/tutorial/>
    - Read Trails Covering the Basics
      - Getting Started
      - Learning the Java Language
      - Essential Java Classes
      - Collections
  - <http://www.tutorialspoint.com/java/index.htm>
    - Read Java Basics and Java Object Oriented

# Hello World

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

# Java Development Environment

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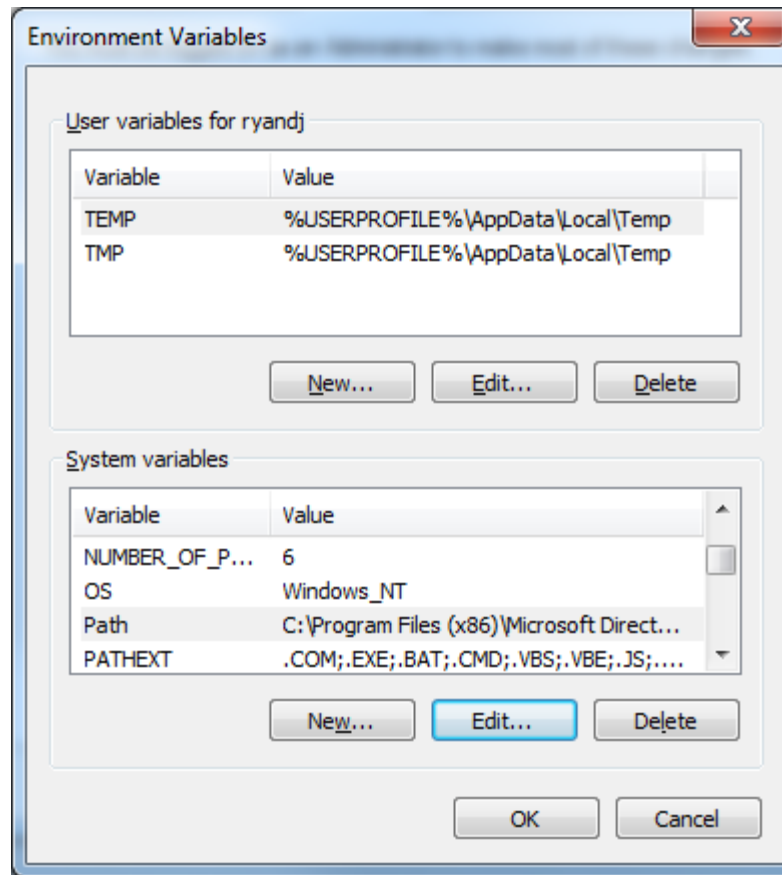
- JRE (Java Runtime Environment)
- JDK (Java Development Kit includes JRE)
- Text Editor (e.g. NotePad or Geany)
- IDE (e.g. IntelliJ IDEA, Eclipse)
  
- JRE & JDK can be found at <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

# Java Development Environment

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- After installing the JRE & JDK, add the path of the compiler (javac) & interpreter (java) to your PATH
- Control Panel->System & Security->Change Settings->Advanced->Environment Variables
- Also, set JAVA\_HOME to the location of the JDK. In my case it's c:\Program Files\Java\jdk1.8.0\_25

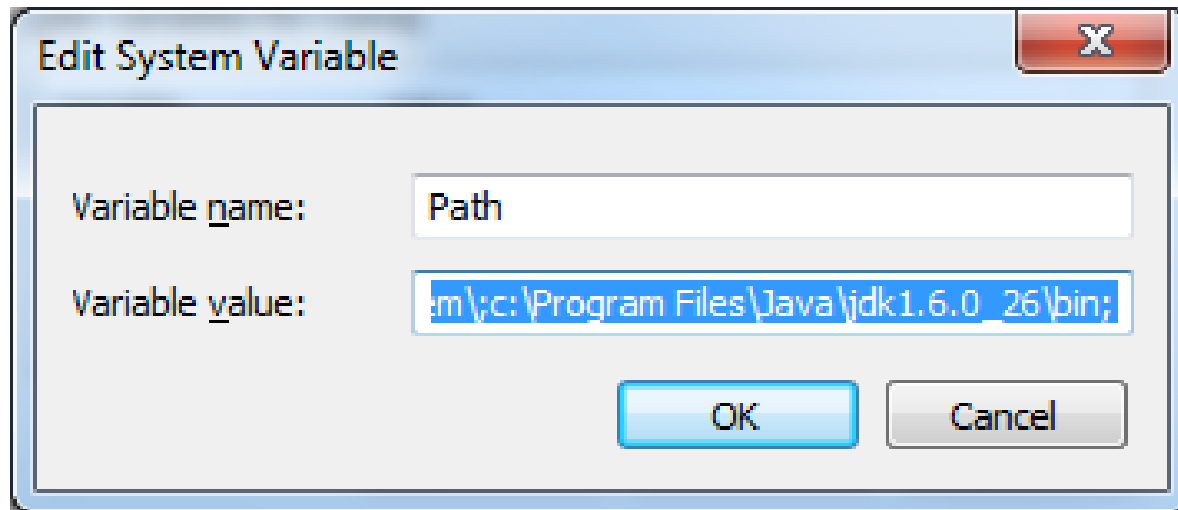
# Environment Variables



# PATH Variable

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- 64-bit version is Program Files [PROGRA~1]
- 32-bit version is Program Files (x86) [PROGRA~2]



# Compile & Execute HelloWorld

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