CIST 2371 Introduction to Java

Unit 01 Lab (Chapters 1 & 2)
Due Date: _____

Part 1

Create a folder called Unit01 and put all your source files in this folder.

In part 1 you will write your first (at least in this class) Java program, compile it and test it. Using our standard comment block (see below) and the program we worked on in class as an example solve the following problem:

> Write a Java program called HelloWorld.java that prints out "Hello World!". Write the program using an editor. Compile it and test it. Since your program will be tested automatically, be sure you get the case and punctuation right. Also be sure you use the comment block to start your program. You will turn in only the source code (the HelloWorld.java file) for this part.

Part 2

Write a program and name the file Unit01_Prog1.java. This program will read a Celsius degree in double from the console, then convert it to Fahrenheit and display the result on the console. The formula for the conversion is

fahrenheit = (9/5) * celsius +32

Hint: in Java 9/5 is 1, so you need to write 9.0/5

Write a program and name the file Unit01_Prog2.java. This program will read a number in feet from the console and convert it to meters and displays the result. One foot is 0.305 meters.

What To Turn In
You will zip up the source code files from both parts in their folder and ONLY the source code files, into a zip file named Unit01_<your first initial><your lastname>.zip. For example Tom Smith's zip file would look like this: Unit01_tsmith.zip

Be sure to test this file before turning it in. Copy it into a temp folder, unzip it and try to compile and run the files in that temp folder.

Once you are satisfied that your zip file is ok, turn it in via the ANGEL drop box for this Unit.

The Comment Block
EVERY source code file you turn in for this course must have this comment block (customized for the situation) or you will get no credit (kind of like forgetting to put your name on your term paper – bad move).

```
/**
 * Class: CIST 2371 Introduction to Java
 * Quarter: Summer 2014
 * Instructor: Dave Busse
 * Description: Solution to Unit 01 Program 1
 * Due: 6/6/2014
 * @author Tom Smith
 * @version 1.0
```