## COSC 236 Dr. Alkharouf Lab 2\*

1. Write a complete Java program that produces the following output (use System.out.println() to print each line to the screen):

What is the difference between

a ' and a "? Or between a " and a \"?

One is what we see when we're typing our program.

The other is what appears on the "console."

2. Write a complete Java program that produces the following output (use System.out.println() to print each line to the screen):

A "quoted" String is

'much' better if you learn

the rules of "escape sequences."

Also, "" represents an empty String.

Don't forget: use \" instead of " !

'' is not the same as "

3. Write a program that stores the integers 62 and 99 in variables, and stores their sum in a variable called total. Print out the total to the screen.

4. Write a program that declares the following:

* a **String** variable named **name**
* an **int** variable named **age**
* a **double** variable named **annualPay**

Store your age, name, and desired annual income as literals in these variables. The program should display these values on the screen in a manner similar to the following:

My name is Joe Smith, my age is 26 and

I hope to earn $100000.0 per year.

5. Write a program that has the following **String** variables: **firstName, middleName**, and **lastName**. Initialize these with your first, middle, and last names. The program should also have the following **char** variables: **firstInitial**, **middleInitial**, and **lastInitital.** Store your first, middle, and last initials in these variables. The program should display the contents of these variables on the screen.

\* Questions modified from: Starting Out with Java: From Control Structures through Data Structures. Second Edition, by Tony Gaddis and Godfrey Muganda.

## Deliverables:

Submit the .java files **through Black Board.**