**Abdul Hakim Abbas**

**Quiz #1 (25 points)**

**Start date - (3/ 3/ 16) / Due date - (3/ 7/ 16) @ 11:59 pm**

1. (5 points) What is the difference between (a) **System.out.println**, (b) **System.out.print**, and (c) **System.out.printf**?

(a) System.out.println => It prints a line of text in the command line window.

(b) System.out.print => Does not position the output cursor at the beginning or the next line in the command line window.

(c) System.out.printf => It displays formatted data, and the methods specify the arguments.

1. (5 points) Assuming there are two variables of the type **double**, named **varX** and **varY**, with **varX** containing the value of 6.45 and **varY** containing the value of 3.125; write a Java statement using the **printf** function and correct format string to output: (**6.45 + 3.13 = 9.58)**

Solved in my Addition program

1. (15 points, 5 points each) Assume the variables for the algebraic expressions have already been declared as integer, write the correct Java statements for the following:
   1. distance = (rate)(time)

Solved in my Distance program

* 1. some\_value =

Solved in my SV program

* 1. mystery\_value =

Solved in my MV program