**Home Work 1**

The purpose of this homework is to show you how to utilize the print statements (print, println, printf).

Declare the following:

1. A variable name of a string containing your name (first letter capitalized), eg. “Sadiq”
2. A variable age of an int containing your age. E.g. 25
3. A variable middleName initial of char, e.g. containing ‘a’;
4. A variable score of a double containing your grade, e.g. 95.98;
5. A string array of size 4 , that should contain all the previous data. E.g [name,age,middle,score]
6. Using **Print** statement, produce this output:

Sadiq 25

Print the variable name followed by a tab then your age. (use one print statement)

1. Using **Print** statement, produce this output: Sadiq 25

Sadiq,25

Print a space, then the variable name followed by a comma then your age then a new line. (use one print statement)

1. Using **Println** , produce this output:

Sadiq Age=25, Score=95.98

Prrint the variable name separated by a tab , then “Age=” age variable , a comma , “Score=” score variable. (use one print statement)

1. Using **printf** , produce this output:

SADIQ a,25 ‘ 95.9’

Print your variable name with all letters capitalized, a space, your letter middle name initial, comma, then your age followed by a tab, then your score formatted to have 5 spaces with right alignment and 1 floating point after the decimal (enclose the score between single quotations). (use one print statement)

1. Using **printf** , print your name with

sadiq A,25 ‘95.980 ’

Print your variable name, a space, your middle name initial capitalized, comma, then your age formatted to have 3 spaces with left alignment followed by a tab, then your score formatted to have 10 spaces with left alignment and 3 floating point after the decimal (enclose the score between single quotations). (use one print statement)

1. Using **printf** and the declared array, produce this output

SADIQ a

Print the first index of the String array capitalized, a space followed by the middle initial. (use one print statement)

Hint , convert the string into char

1. Using **printf** and the declared array, print the last index of the String array formatted with 1 space and 1 floating point after the decimal. Is this going to be possible?

Hint , convert the string into double

Submit the commands in a single file named hw1.java