Assignment 01: Basic Python

Q1. Create a variable “Fname” by assigning your first name and perform the followings:

1. print it in upper case
2. print it in lower case
3. find the total character in your name

Q2 Create two objects “Fname” and “Lname” by assigning your first name and last name. Join them together with a space between and display the name and the length of whole name.

Q3. Values assigned to different variables are

A = 10

B = 20

C = 40

D = 4

E = 5

Evaluate each of the following Python expression.

1. (A + B) \* C
2. A + (B - E)
3. A\*B/E
4. C/B//5
5. C+(A\*E)/(B-A)

Q4. Evaluate the expression,

(X + Y – abs(X – Y))//2,

when X = 4 and Y = 6 X = 5 and Y = 4

Q5. Consider Str1, Str2, Str3, Str4 - the four different strings given as

Str1=“Welcome to Python Programming”

Str2 =”Welcome to Python Programming”

Str3=Str1

Str4=”to”

What are the results of the following expressions?

1. len(Str1)

2. Str1[5:10]

3. Str1[-7]

4. Str1.count(‘m’)

5. Str1[-3-1]

7. Str3==Str1

8. Str1+” “+Str1

### Q6. What is swapcase() function in the Python? Explain

### Q7. How to remove whitespaces from a string in Python ?

### Q8. Create a string made of the first, middle and last character of your name

### Q9 . Write a program to find all occurrences of “USA” in a given string ignoring the case.

### str1 = "Welcome to USA. usa awesome, isn't it?

### Q10 . What would the out of the following…

### X=”Hello”

### X[::-1]