PYTHON- WORKSHEET 1

Q1 to Q8 have only one correct answer. Choose the correct option to answer your question.

1. Which of the following operators is used to calculate remainder in a division?

   A) #   B) &

   C). %   D) $

Answer for the above is: "C"

2. In Python 2//3 is equal to?

   A) 0.666   B) 0

   C)1   D) 0.67

Answer for the above is : "B"

3. In Python, 6<<2 is equal to?

   A) 36   B) 10

   C)24   D) 45

Answer for the above is-"C"

4. In Python, 6&2 will give which of the following output

   A) 2   B) True

   C)False   D) 0

Answer for the above is- "A"

5. In Python, 6/2 will give which of the following output?

   A) 2   B) 4

   C)0   D) 6

Answer for the above is- "D"

6. What does the finally keyword denotes in Python?
   A) It is used to mark the end of the code
   B) It enclosed the lines of code which will be executed if any error occurs while executing the lines of code in try block.
   C) The finally block will be executed no matter if he try block raised an error or not.
   D) None of the above.

Answer for the above is: "C"

7. What does raise keyword is used for in Python?
   A) It is used to raise an exception   B) It is used to define lambda function

   C)It's not a keyword in python.   D) None of the above

Answer for the above is: "A"

8. Which of the following is a common use case of yield keyword in Python?

A) In defining an iterator   B) While defining a lambda function

C)in defining a generator   D) in for loop.

Answer for the above is: "C"

Q9 and Q10 have multiple correct answers. Choose all the correct options to answer your question.

9. Which of the following are the valid variable names?
   A) _abc   B) 1abc

   C)abc2   D) None of the above

Answer for the above is : "D"

- A variable name must start with a letter or the underscore character, cannot start with number and only contain alpha-numeric characters and underscores (A-z, 0-9,and _)

10. Which of the following are the keywords in python?
    A) Yield   B) raise

    C)look-in   D)All of the above

Answer for the above is : "A" & "B"

11. Write a python program to find the factorial of a number.
12. Write a python program to find whether a number is prime or composite.
13. Write a python program to check whether a given string is palindrome or not
14. Write a python program to get the third side of right-handed triangle from two given sides.
15. Write a python program to print the frequency of each of the characters present in a given string.