PYTHON – WORKSHEET 1

1 to 8 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?

Answer-C) %

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

Answer-A) 0.666

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

Answer-C) 24

4. In python, 6&2 will give which of the following as output?

Answer-A) 2

5. In python, 6|2 will give which of the following as output?

Answer-D) 6

6. What does the finally keyword denotes in python?

Answer-C) the finally block will be executed no matter if the try block raises an error or not.

7. What does raise keyword is used for in python?

Answer-A) It is used to raise an exception.

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

Answer-C) in defining a generator

9 and 10 have multiple correct answers. Choose all the correct options to answer your question.

9. Which of the following are the valid variable names?

Answer-A) _abc C) abc2

10. Which of the following are the keywords in python?

Answer-A) yield B) raise

For 11 to 15 please refer Worksheet_1_Python Jupyter Notebook.

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-angled triangle from two given sides.

15. Write a python program to print the frequency of each of the characters present in a given string.