WORKSHEET

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?

Ans: C) %

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

Ans: B) 0

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

Ans: C) 24

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

Ans: A) 2

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

Ans: D) 6

1. What does the finally keyword denotes in python?

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

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

Ans: A) It is used to raise an exception.

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

Ans: C) in defining a generator

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

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

Ans: A)\_abc, B) 1abc, C) abc2

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

Ans: A)Yield, B) raise

# Q11 to Q15 are programming questions. Answer them in Jupyter Notebook.

1. Write a python program to find the factorial of a number.
2. Write a python program to find whether a number is prime or composite.
3. Write a python program to check whether a given string is palindrome or not.
4. Write a Python program to get the third side of right-angled triangle from two given sides.
5. Write a python program to print the frequency of each of the characters present in a given string.