

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) %

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

Ans: B) 0

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

Ans: C) 24

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

Ans: A) 2

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

Ans: D) 6

6. 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.

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

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

8. 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.

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

Ans: A) `_abc` & C) `abc2`

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

Ans: D) all of the above

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

Ans: Please find the answers of below questions in File Named “Python Worksheet 1-Practical Questions”

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.