

PYTHON – WORKSHEET 1

1. Which of the following operators is used to calculate remainder in a division?
- A) #
 - B) &
 - C) %
 - D) \$

Answer: C

2. In python $2//3$ is equal to?
- A) 0.666
 - B) 0
 - C) 1
 - D) 0.67

Answer: B

3. In python, $6<<2$ is equal to ?
- A) 36
 - B) 10
 - C) 24
 - D) 45

Answer: C

4. In python, $6\&2$ will give which of the following as output?
- A) 2
 - B) True
 - C) False
 - D) 0

Answer:

5. In python, $6|2$ will give which of the following as output?
- A) 2
 - B) 4
 - C) 0
 - D) 6

Answer: A

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

Answer: 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: 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: C

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

- A) _abc
- B) 1abc
- C) abc2
- D) None of the above

Answer: A, C

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

- A) yield
- B) raise
- C) look-in
- D) all of the above

Answer: A,B

Q11 to Q15 are programming questions. Answer them in 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.