

# PYTHON

1. Which of the following operators is used to calculate remainder in a division?  
**C) %**
2. In python 2//3 is equal to?  
**B) 0**
3. In python, 6<<2 is equal to?  
**C) 24**
4. In python, 6&2 will give which of the following as output?  
**A) 2**
5. In python, 6|2 will give which of the following as output?  
**D) 6**
6. What does the finally keyword denotes in python?  
**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?  
**A) It is used to raise an exception.**
8. Which of the following is a common use case of yield keyword in python?  
**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?  
**A) \_abc      C) abc2**
10. Which of the following are the keywords in python?  
**A) yield      B) raise**

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.