

PYTHON WORK SHEET

Q1 to Q8 have only one correct answer. Choose the correct option to answer your question.

- Which of the following operators is used to calculate remainder in a division?
A) # B) &
C) % D) \$
Ans : C
- In python $2//3$ is equal to?
A) 0.666 B) 0
C) 1 D) 0.67
Ans: 0
- In python, $6<<2$ is equal to?
A) 36 B) 10
C) 24 D) 45
Ans: 24
- In python, $6\&2$ will give which of the following as output?
A) 2 B) True
C) False D) 0
Ans: 2
- In python, $6|2$ will give which of the following as output?
A) 2 B) 4
C) 0 D) 6
Ans: 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**Ans: C**
- 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
Ans: A
- 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.
Ans: C

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

- Ans: A and C**

- Ans: A and B**

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