

# Python Assignment----->

1)Which of the following operators is used to calculate remainder in a division:% symbol is used to calculate remainder.

2)In python  $2//3$  is equal to? Answer should be 0 because  $//$  is used as quotient integer which means 3 does not divide 2.

3)In python,  $6<<2$  is equal to? Answer is 24 because binary number of 6 is 110 and  $<<$  means it is left shift operator and shift two times which means in binary is 11000 which is 24.

4)In python,  $6\&2$  will give which of the following as output? It means 6 and 2 are performing BITWISE AND operator which means:

110      (6 in binary)

010      (2 in binary)

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010 (Result of bitwise AND) 010 means 2. 2 is the correct answer.

5) In python, `6|2` will give which of the following as output? It means 6 and 2 are performing BITWISE OR Operator which means:

110 (6 in binary)

010 (2 in binary)

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110 (Result of bitwise OR) which means the result is 6. 6 is the correct answer.

6) What does the finally keyword denote in python? The finally block will be executed no matter if the try block raises an error or not. Option C is correct.

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

Raise keyword is used to raise an exception. Option A is correct.

8)Which of the following is a common use case of yield keyword in python?

Yield is used for defining a generator.Option C is correct.

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

A) \_abc B) 1abc

C) abc2 D) None of the above

Option A and C both are valid.

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

A) yield B) raise

C) look-in D) all of the above

D is the correct answer.