

# 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?
- A) #    B) &  
C) %    D) \$

**Ans- C) %**

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

**Ans- B) 0**

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

**Ans- C) 24**

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

**Ans- A) 2**

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

**Ans- D) 6**

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) 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.                      B) It is used to define lambda function
- C) it's not a keyword in python.                          D) None of the above

**Ans- A) It is used to raise an exception.**

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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.

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

**Ans- A) \_abc**  
**C) abc2**

10. Which of the following are the keywords in python?
- A) yield
  - B) raise
  - C) look-in
  - D) all of the above

**Ans- A) yield**  
**B) raise**