

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) # C) %	B) & D) \$
	Answer: %	
2.	In python 2//3 is equal to? A) 0.666 C) 1	B) 0 D) 0.67
	Answer: 0	
3.	In python, 6<<2 is equal to? A) 36 C) 24	B) 10 D) 45
	Answer: 24	
4.	In python, 6&2 will give which of the following A) 2 C) False	g as output? B) True D) 0
	Answer: A) 2	
5.	In python, 6 2 will give which of the following a A) 2 C) 0	as output? B) 4 D) 6
	Answer: 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 Answer: 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. C) it's not a keyword in python.	B) It is used to define lambda function D) None of the above
	Answer: A) It is used to raise an exception	
8.	Which of the following is a common use case of A) in defining an iterator C) in defining a generator	f yield keyword in python? B) while defining a lambda function D) in for loop.
	Answer: 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

Answer: _abc, abc2

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

A) yield B) raise

C) look-in D) all of the above

Answer: Yield, 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.

Answers to questions 11 to 15 have been attached as Jupyter notebook file