

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) \$	
		2) 4	
	Answer:-C) %		
_	Y 1 0/01 1 0		
2.	In python 2//3 is equal to?	D) 0	
	A) 0.666 C) 1	B) 0 D) 0.67	
	C) 1	D) 0.07	
	Answer:-A) 0.6666		
3.	In python, 6<<2 is equal to?	D) 10	
	A) 36	B) 10	
	C) 24	D) 45	
Answer: - C) 24			
4.	In python, 6&2 will give which of the following as output?		
	A) 2	B) True	
	C) False	D) 0	
	Answer:-C) False		
5.	In python, 6 2 will give which of the following as output?		
	A) 2	B) 4	
	C) 0	D) 6	
	Answer:-D) 6		
•	Alls well-D) 0		
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		if the try block raises an error or not.	
	b) None of the above		
An	swer:-C) the finally block will be executed no ma	atter if the try block raises an error or not.	
7	What does raise knyword is used for in python?		
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	
	c, it's not a ney word in pytholic	2) None of the doore	
Aı	nswer:-A) It is used to raise an exception.		
0	William Call Call	for in the control of	
8.	Which of the following is a common use case o	* * *	
	A) in defining an iteratorC) in defining a generator	B) while defining a lambda functionD) in for loop.	
	C) in defining a generator	<i>υ)</i> π τοι 100μ.	

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:-A and C

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

A) yield

B) raise

C) look-in

D) all of the above

Answer:-A and B

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.