

PYTHON – WORKSHEET 1

Q1

1.	Which of the following operators is used to o	calculate remainder in a division?	
	A) #	B) &	
	C) %	D) \$	
	Ans. C) %(modulo operator)		
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<<2 is equal to?		
٥.	A) 36	B) 10	
	C) 24	D) 45	
	Ans. C) 24	2) 10	
4.	•	In python, 6&2 will give which of the following as output?	
	A) 2	B) True	
	C) False	D) 0	
	Ans. A) 2	<i>D</i>) 0	
5.	In python, 6 2 will give which of the following as output?		
σ.	A) 2	B) 4	
	C) 0	D) 6	
	Ans. D) 6	<i>D</i>) 0	
6.	What does the finally keyword denotes in py	rthon?	
0.	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.	e executed if any error occurs while executing the files of code in	
	C) the finally block will be executed no matt	ter if the try block raises an error or not	
	D) None of the above	ter if the try block raises an error or not.	
	b) None of the above	IDKUKU	
	Ans.C) the finally block will be executed no	matter if the try block raises an error or not	
	This, e) and imming cross with each encounter in		
7.	What does raise keyword is used for in pyth	on?	
	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) To raise an Exception.	,	
8.	Which of the following is a common use cas	e 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.	_ /	
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Q9 and		se all the correct options to answer your question.	
9.	Which of the following are the valid variable	e names?	
	A) _abc	B) 1abc	
	C) abc2	D) None of the above	
	Ans.A) _abc because a variable should start with letter or underscore character & C) abc2		
10.	Which of the following are the keywords in python?		
	A) yield	B) raise	
	C) look-in	D) all of the above	

Q11 to Q15 are programming questions. Answer them in Jupyter Notebook.

11. Write a python program to find the factorial of a number.

Ans. A) & B)

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.