**Python General Basic Questions:**

1. Write a Python program to find those numbers which are divisible by 7 and multiple

of 5, between 1 and 1000 (both included).

2. Write a Python program to count the number of even and odd numbers from a series of numbers.

3. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.

Note : Use 'continue' statement.

Expected Output : 0 1 2 4 5

4. Write a Python program which iterates the integers from 1 to 50. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".

**Sample Output :**

fizzbuzz

1

2

fizz

4

buzz

5. Write a Python program to perform sum of two given integers. However, if the sum is between 15 to 20 it will return 20.

6. Write a Python program to calculate the sum and average of n integer numbers (input from the user). Input 0 to finish.

7. Write a Python program to input two integers in a single line.

8. Write a python program to sum of the first n positive integers.

9. Write a Python program to parse a string to Float or Integer.

10. Write a Python program to accept a number from the user and find its factorial. Do necessary validations.

11. Write a Python program to accept two numbers from the user and swap them.

12. Write a Python program to find **x raise to y**. (Assume x and y as integers).

13. Write a Python program to accept a number from the user and prints sum of its digits. [ Exa. If input is Num = 234, then output should be 9 (i.e. 2+3+4 = 9) ]

14. Write a Python program that will accept the base and height of a triangle and compute the area.

15. Write a Python program which will print the sum of first N natural numbers. (Accept the value of N from the user).

16. Write a Python program which will print the sum of even numbers between 21 to 45.

17. Write a Python program to create the multiplication table (from 1 to 10) of a number.

Expected Output:

Input a number: 8

8 x 1 = 8

8 x 2 = 16

8 x 3 = 24

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8 x 10 = 80

18. Write a program to accept a binary number and convert it into decimal number.

Q19. Write a program which accepts an integer value as command line and print “Ok” if value is between 1 to 50 (both inclusive) otherwise it prints **”Out of range”** message.

Q20. Write a program to accept a number and count number of even, odd, zero digits within that number.