

LOOP_ASSIGNMENT_1

- 1. Write a Python program to find those numbers which are divisible by 7 and multiple of 5, between 1500 and 2700 (both included).**
- 2. Write a Python program to convert temperatures to and from celsius, fahrenheit.**
- 3. Write a Python program to guess a number between 1 to 9.**
- 4. Write a Python program to construct the following pattern, using a nested for loop.**
- 5. Write a Python program that accepts a word from the user and reverse it.**
- 6. Write a Python program to count the number of even and odd numbers from a series of numbers.**

Example:

Sample numbers : numbers = (1, 2, 3, 4, 5, 6, 7, 8, 9)

Expected Output :

Number of even numbers : 4

Number of odd numbers : 5

- 7. Write a Python program that prints each item and its corresponding type from the following list.**

Example:

Sample List : datalist = [1452, 11.23, 1+2j, True, 'w3resource', (0, -1), [5, 12], {'class':'V', 'section':'A'}]

- 8. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.**
- 9. Write a Python program to get the Fibonacci series between 0 to 50.**

Example:

Input 0, 1, 1, 2, 3, 5, 8, 13, 21,

Every next number is found by adding up the two numbers before it.

Expected Output : 1 1 2 3 5 8 13 21 34

10. 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".