

### **Assignments for 11-Dec-17**

1. Write a program that returns a list containing only the elements that are common for the two lists.
2. Write a program in Python to perform the following:

- Accept user input of +ve and -ve values and store it in list, say mylist (To end user input pass 0)
- Move all negative elements to end.

Input : mylist = [1, -1, 3, 2, -7, -5, 11, 6 ]

Output : [1 3 2 11 6 -1 -7 -5]

Input : mylist = [-5, 7, -3, -4, 9, 10, -1, 11]

Output : [7 9 10 11 -5 -3 -4 -1]

3. Write a function to receive start and end numbers, calculate prime numbers between start and end, return the primes in list to the caller. If start and end are not passed take default as 1, 100.
4. Write a function to receive list and number, then it has to multiply each element of the list with number. Print the new list in function and in main. (Two methods, create new list, modify existing list).
5. Write a function to receive variable arguments and need to perform sum of the variable arguments and return the result. Print the result in main program.