Experiment 3

# 1)WAP Count occurrences of an element in a list

**Input=** lst = [15, 6, 7, 10, 12, 20, 10, 28, 10]

x = 10

Output : 3

**2)** Given a list, print the value obtained after multiplying all numbers in a list.   
Examples:   
Input : list1 = [1, 2, 3]

Output : 6

Explanation: 1\*2\*3=6

#### 3) Given a two Python list. Iterate both lists simultaneously such that list1 should display item in original order and list2 in reverse order

Input: l1=[1,2,3]

L2:[4,5,6]

Output:[1,2,3,6,5,4]

#### 3) Given a Python list of numbers. Turn every item of a list into its square

Input:l1=[1,2,3,4]

Output:[1,4,9,16]

#### 4) Given a Python list, remove all occurrence of 20 from the list

input:l1=[12,20,30,20]

output :=[12,30]

# 5) Python program to find first and second largest number in a list

# Input: list1=[2,4,10,1]

# Output=1,2

#### 6)WAP Concatenate two lists index-wise

list1 = ["M", "na", "i", "Ke"]

list2 = ["y", "me", "s", "lly"]

OUTPUT: ['My', 'name', 'is', 'Kelly']