

LIST MANIPULATION
Program

1. Write a program which accepts a sequence of comma-separated numbers from console and generate a list and a tuple which contains every number. Suppose the following input is supplied to the program
: 34,67,55,33,12,98 Then, the output should be:
['34', '67', '55', '33', '12', '98']
('34', '67', '55', '33', '12', '98')
2. Write a program that maps a list of words into a list of integers representing the lengths of the corresponding words."
3. With a given list [12,24,35,24,88,120,155,88,120,155], write a program to print this list after removing all duplicate values with original order reserved.
4. Given an list of numbers, replace each number with the product of all the numbers in the Array except the number itself *without* using division."
Hint(Q4): I/P : A=[1,2,3,4] O/P : [24,12,8,6]
5. implement sqroot in python without using inbuilt functions.
6. Sort a list without using inbuilt functions
7. Count vowels in a given string using list.
8. Write a program that add all the marks of students for given subject. Each element of the list is array of marks
Hint(Q8): L1 = [[90,60,30],[69,80,79],[89,90,60]]
9. Write a program that keep taking the name as input from the user and keep adding to the list if not already present. It stops when user enter "end"