List Assignment 1

1. Write a Python program to sum all the items in a list.

Example:

Input : 1,2,-8

Output : -5

2. Write a Python program to multiply all the items in a list.

Example:

Input : 1,2,-8

Output : -16

3. Write a Python program to get the largest number from a list.

Example:

Input : 1, 2, -8, 0

Output : 2

4. Write a Python program to get the smallest number from a list.

Example:

Input : 1, 2, -8, 0

Output : -8

5. Write a Python program to count the number of strings where the string length is 2 or more and the first and last character are same from a given list of strings. Go to the editor

Example:

Input : ['abc', 'xyz', 'aba', '1221']

Output : 2

6. Write a Python program to get a list, sorted in increasing order by the last element in each tuple from a given list of non-empty tuples. Go to the editor

Example:

Input : [(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]

Output : [(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]

7. Write a Python program to remove duplicates from a list. Go to the editor

Example:

Input : 10,20,30,20,10,50,60,40,80,50,40

Output: 40, 10, 80, 50, 20, 60, 30

8. Write a Python program to check a list is empty or not.

Example:

Input: []

Output: ("List is empty")

9. Write a Python program to clone or copy a list.

Example:

Input : 10, 22, 44, 23, 4

Output : [10, 22, 44, 23, 4]

  [10, 22, 44, 23, 4]

10. Write a Python program to find the list of words that are longer than n from a given list of words.

Example:

Input : "Learnbay Data Science"

Output: ['Learnbay', 'Data', 'Science']