

LISTS

- 1.** Write a Python program to sum all the items in a list.
- 2.** Write a Python program to multiply all the items in a list.
- 3.** Write a Python program to get the largest number from a list
- 4.** Write a Python program to get the smallest number from a list.
- 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.

Sample List : ['abc', 'xyz', 'aba', '1221']

Expected Result : 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.

Sample List : [(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]

Expected Result : [(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]

- 7.** Write a Python program to remove duplicates from a list.
- 8.** Write a Python program to check a list is empty or not.
- 9.** Write a Python program to clone or copy a list.
- 10.** Write a Python program to find the list of words that are longer than n from a given list of words.
- 11.** Write a Python function that takes two lists and returns True if they have at least one common member.
- 12.** Write a Python program to print a specified list after removing the 0th, 4th and 5th elements.

Sample List : ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']

Expected Output : ['Green', 'White', 'Black']

13. Write a Python program to generate a 3*4*6 3D array whose each element is *