**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 the 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 if 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

**14.** Write a Python program to print the numbers of a specified list after removing even numbers from it.

**15.** Write a Python program to shuffle and print a specified list.

**16.** Write a Python program to generate and print a list of first and last 5 elements where the values are square of numbers between 1 and 30 (both included).

**17.** Write a Python program to generate and print a list except for the first 5 elements, where the values are square of numbers between 1 and 30 (both included).

**18.** Write a Python program to generate all permutations of a list in Python.

**19.** Write a Python program to get the difference between the two lists.

**20.** Write a Python program to access the index of a list.