***List All Important question***

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 from a given list of strings. The string length is 2 or more and the first and last characters are the same?

Sample List : ['abc', 'xyz', 'aba', '1221']  
Expected Result : 2

1. 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)]

1. Write a Python program to remove duplicates from a list.?
2. Write a Python program to check if a list is empty or not?
3. Write a Python program to clone or copy a list?
4. Write a Python program to find the list of words that are longer than n from a given list of words?
5. Write a Python function that takes two lists and returns True if they have at least one common member?
6. 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']

1. Write a Python program to print the numbers of a specified list after removing even numbers from it?
2. Write a Python program to generate and print a list of the first and last 5 elements where the values are square numbers between 1 and 30 (both included)?
3. Write a Python program to generate all permutations of a list in Python?
4. Write a Python program to calculate the difference between the two lists?
5. Write a Python program to convert a list of characters into a string?
6. Write a Python program to find the index of an item in a specified list?
7. Write a Python program to append a list to the second list.?
8. Write a Python program to select an item randomly from a list.