

PROGRAMS ON LIST

1. What are the Different ways to clear a list in Python
2. Python program to interchange first and last elements in a list
3. Python program to swap two elements in a list
4. Python program to remove Nth occurrence of the given word
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 check if element exists in list
7. Write a program in Python to Reversing a List
8. Write a program in Python to read a list and Copying it as another list
9. Write a program in Python Count occurrences of an element in a list
10. Python program to find sum of elements in list
11. Write a program in Python Multiply all numbers with a given number in the list
12. Write a Python program to find smallest number in a list
13. Write a Python program to find largest number in a list
14. Write a Python program to find second largest number in a list
15. Write a Python program to find N largest elements from a list
16. Write a Python program to print even numbers in a list
17. Write a Python program to print odd numbers in a List
18. Write a Python program to print all even numbers in a range
19. Write a Python program to print all odd numbers in a range
20. Write a Python program to print negative numbers in a list
21. Python program to print all positive numbers in a list
22. Python program to print all negative numbers in a list
23. Python program to count positive and negative numbers in a list
24. Remove multiple elements from a list in Python
25. Python Remove empty tuples from a list
26. Write a Python Program to print duplicates from a list of integers
27. Python program to find Cumulative sum of a list

28. Break a list into chunks of size N in Python
29. Python Sort the values of first list using second list
30. Write a Python program to sum all the items in a list.
31. Write a Python program to get the largest number from a list
32. Python program to count Even and Odd numbers in a List
33. Python program to print positive numbers in a list
34. Write a Python program to get the smallest number from a list.
35. 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)]
36. Write a Python program to remove duplicates from a list.
37. Write a Python program to check a list is empty or not.
38. Write a Python program to find the list of words that are longer than n from a given list of words.
39. Write a Python function that takes two lists and returns True if they have at least one common member.
40. 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']
41. Write a Python program to generate a 3*4*6 3D array whose each element is *.
42. Write a Python program to print the numbers of a specified list after removing even numbers from it.
43. Write a Python program to shuffle and print a specified list.

44. 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).
45. 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).
46. Write a Python program to generate all permutations of a list in Python.
47. Write a Python program to get the difference between the two lists.
48. Write a Python program access the index of a list.
49. Write a Python program to convert a list of characters into a string.
50. Write a Python program to find the index of an item in a specified list.
51. Write a Python program to append a list to the second list.
52. Write a Python program to select an item randomly from a list.
53. Write a python program to check whether two lists are identical.
54. Write a Python program to get unique values from a list.
55. Write a Python program to get the frequency of the elements in a list.
56. Write a Python program to find the list in a list of lists whose sum of elements is the highest.

57. Sample lists: [1,2,3], [4,5,6], [10,11,12], [7,8,9]

Expected Output: [10, 11, 12]

58. Write a Python program to find all the values in a list are greater than a specified number.

59. Write a Python program to extend a list without append.

Sample data: [10, 20, 30]

[40, 50, 60]

Expected output : [40, 50, 60, 10, 20, 30]

60. Write a Python program to remove duplicates from a list of lists.

Sample list : [[10, 20], [40], [30, 56, 25], [10, 20], [33], [40]]

New List : [[10, 20], [30, 56, 25], [33], [40]]

61. Write a Python program to check if all dictionaries in a list are empty or not.

Sample list : [{} , {} , {}]

Return value : True

Sample list : [{1,2} , {} , {}]

Return value : False