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### Assignment -6 (List)

#### Objective:

- To practice the programs of list
- to solve the programs like creating list, retrieving data from the list, change existing value of list, removing the list items.

#### Problem:

1. Program to declare and print a list.
2. Python program to print list elements in different ways.
3. Program for Adding, removing elements in the list.
4. Program to print a list using 'FOR and IN' loop.
5. Program to add an element at specified index in a list.
6. Program to remove first occurrence of a given element in the list.
7. Remove all occurrences a given element from the list.
8. Program to remove all elements in a range from the List.
9. Program to Print the index of first matched element of a list.
10. Convert a string to integers list.
11. Input comma separated elements, convert into list and print.
12. Program to find the position of minimum and maximum elements of a list.
13. Program to input, append and print the list elements.
14. Program to sort the elements of given list in Ascending and Descending Order.
15. Program to find the differences of two lists.
16. Program to Create two lists with EVEN numbers and ODD numbers from a list.
17. Program to print all numbers which are divisible by M and N in the List.
18. Program to remove duplicate elements from the list.
19. Create a list from the specified start to end index of another list.
20. print list after removing EVEN numbers.
21. Iterate a list in reverse order.
22. Create three lists of numbers, their squares and cubes.
23. Create two lists with first half and second half elements of a list.
24. print list after removing ODD numbers.