**Lists**

1. What is the mutable object?

2. How to found length of list?

3. Write a sample program to repeat a list?

4. How to select an element from a list?

5. Provide two ways to get the last element in the list?

6. What is “index out of range” error mean?

7. What is the difference between append and insert methods in the list?

8. Write the program to sum all the numbers in the following list

List=[1,2,3,4,5,6,7,8,9,10]

1. Write a program to sum all elements in the following list

List=[[1,2],[33,44],[55,666,77],[1,22,555,66]]

10. Write a program to

10.1 Concatenate the list

10.2 Sort the concatenated list

List1=[0,9,33,89,65,90,54,2,-2,-5]

List2 =[-99,3,888,44,4,8,90]