Q1. Given a two Python list. Write a program to iterate both lists simultaneously and display items from list1 in original order and items from list2 in reverse order.

List1=[100,200,300,400]

List2=[1,2,3,4]

Output- 100 4

200 3

300 2

400 1

### Q2. Concatenate two lists in the following order.

### List1=[“Good” , “Night”]

### List2=[“morning”, “Evevning”]

### Output=[“Good morning”, “Good evening”, “night morning”, “night evening”]

### Q.3 Write a program to add two lists index-wise. Create a new list that contains the 0th index item from both the list, then the 1st index item, and so on till the last element. any leftover items will get added at the end of the new list.

### list1 = ["M", "na", "i", "Bof"]

### list2 = ["y", "me", "s", "fins"]

Output= My name is Boffins

Q4 You have given a nested list. Write a program to extend it by adding the sublist ["h", "i", "j"] in such a way that it will look like the following list.

### list1 = ["a", "b", ["c", ["d", "e", ["f", "g"], "k"], "l"], "m", "n"]

### Expected Output: ['a', 'b', ['c', ['d', 'e', ['f', 'g', 'h', 'i', 'j'], 'k'], 'l'], 'm', 'n']

Q5. Write a Python program to print a specified list after removing the 0th, 4th and 5th elements

List = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']  
Expected Output : ['Green', 'White', 'Black']

Q6.Make a list by taking 10 input from user. Now delete all repeated elements of the list.  
E.g.-  
INPUT : [1,2,3,2,1,3,12,12,32]

OUTPUT : [1,2,3,12,32]

### Q7. Write a Python program to count the number of elements in a list within a specified range.(5-11)

List1=[1,2,3,2,1,3,12,12,32,64,60,67,22]

Q8. Write a programme to reverse the given list using loop.

list1 = [100, 200, 300, 400, 500]