

Basic List Questions

1) WAP to reverse the list using pop and del.

2) WAP to print uncommon element of two list.

3) If element of list is even then multiply with 3 otherwise multiply with 5.

`l=[1,2,3,4,5,6,7,8,9]`

Output: `[5, 6, 15, 12, 25, 18, 35, 24, 45]`

4) If element is prime of the list then print prime number.

`l=[1,2,3,4,5,6 , 13 , 23 , 50 , 53]`

Output:

1 prime 2 prime 3 prime 4 not prime 5 prime 6 not prime 13 prime 23 prime 50 not prime 53 prime

5): Concatenate two lists index-wise.

Given:

`list1 = ["M", "na", "i", "sh"]`

`list2 = ["y", "me", "s", "iva"]`

Expected output:

`['My', 'name', 'is', 'shiva']`

6): Concatenate two lists in the following order.

list1 = ["Hello ", "take "]

list2 = ["Dear", "Sir"]

Expected output:

['Hello Dear', 'Hello Sir', 'take Dear', 'take Sir']

7): Add item 7000 after 6000 in the following Python List.

Given:

list1 = [10, 20, [300, 400, [5000, 6000], 500],20,6000, 40]

Expected output:

**[10, 20, [300, 400, [5000, 6000, 7000],
500],20,6000,7000, 40]**

8): Find the sum of the series 2 +22 + 222 + 2222 + .. n terms.

Given: number_of_terms = 5

So series will become 2 + 22 + 222 + 2222 + 22222

Expected output:

24690