

### \* Program:-

```
Print("*** Union of two list ***")  
List1 = [1, 2, 3, 4, 5]  
List2 = [3, 4, 5, 6, 7]  
List3 = []
```

```
for element in list1:  
    List3.append(element)  
for element in list2:  
    if element not in list3:  
        List3.append(element)
```

```
Print("List 1:", List1)  
Print("List 2:", List2)  
Print("Union of two list:", List3)
```

### Output:-

```
*** Union of two list ***  
List 1: [1, 2, 3, 4, 5]  
List 2: [3, 4, 5, 6, 7]  
Union of two list: [1, 2, 3, 4, 5]  
List 1: [1, 2, 3, 4, 5]  
List 2: [3, 4, 5, 6, 7]  
Union of two list: [1, 2, 3, 4, 5]  
List 1: [1, 2, 3, 4, 5]  
List 2: [3, 4, 5, 6, 7]  
Union of two list: [1, 2, 3, 4, 5]  
List 1: [1, 2, 3, 4, 5]
```

List 2: [3, 4, 5, 6, 7]

Union of two list: [1, 2, 3, 4, 5, 6]

List 1: [1, 2, 3, 4, 5]

List 2: [3, 4, 5, 6, 7]

Union of two list: [1, 2, 3, 4, 5, 6, 7]

(A) dy