

A python code to generate 4 different mixed lists with unique element from each primary list - one element from original list in each result list-

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```
1  import random
2
3  # Sample input lists (replace these with your actual lists)
4  list1 = [1, 2, 3, 4]
5  list2 = ['a', 'b', 'c', 'd']
6  list3 = [99, 88, 77, 66]
7  list4 = ["1$", "2%", "3%", "4@"]
8
9  # Shuffle the lists to ensure randomness
10 for lst in (list1, list2, list3, list4):
11     random.shuffle(lst)
12
13 # Create 4 random combined lists
14 combined_lists = [[list1[i], list2[i], list3[i], list4[i]] for i in range(len(list1))]
15
16 # Print the random combined lists
17 for idx, combined_list in enumerate(combined_lists, 1):
18     print(f"Random Combined List {idx}:", combined_list)
19
```



```
Random Combined List 1: [4, 'd', 99, '4@']
Random Combined List 2: [2, 'a', 66, '2%']
Random Combined List 3: [1, 'b', 77, '1$']
Random Combined List 4: [3, 'c', 88, '3%']
```