

① list1 = [5, 10, 15, 20, 25, 50, 20]

index = list1.index(20)

list1[index] = 200

print(list1)

② list1 = [5, 20, 15, 20, 25, 50, 20]

print("the original list is:", list1)

x = list1.pop(20)

print("the popped element is:", x)

print("the modified list is:", list1)

③ list1 = [10, 20, 30, 40]

list2 = [100, 200, 300, 400]

for i, j in zip(list1, list2[::-1]):

print(i, j)