

```
In [24]: a=input("Enter first list of integers seperated by space:")
b=input("Enter second list of integers seperated by space:")
list1=list(map(int,a.split(" ")))
list2=list(map(int,b.split(" ")))
print(list1)
print(list2)
list3=list1.copy()
list4=list2.copy()
pos=int(input("Enter the position:"))
list3.remove(list3[pos-1])
list4.remove(list4[pos-1])
list3.insert(pos-1,list2[pos-1])
list4.insert(pos-1,list1[pos-1])
print(list3)
print(list4)
```

```
Enter first list of integers seperated by space:2 4 6
Enter second list of integers seperated by space:1 2 3
[2, 4, 6]
[1, 2, 3]
Enter the position:2
[2, 2, 6]
[1, 4, 3]
```

```
In [25]: a=input("Enter integers seperated by space:")
list1=list(map(int,a.split(" ")))
list2=list1
print(list1)
list3=set(list1)
list4=set(list2)
list5=list3.intersection(list4)
list6=list(list5)
print(list6)
```

```
Enter integers seperated by space:1 2 2 3 3 6 7 7
[1, 2, 2, 3, 3, 6, 7, 7]
[1, 2, 3, 6, 7]
```

In []: