

1. You have given a Python list. Write a program to find value 20 in the list, and if it is present, replace it with 200. Only update the first occurrence of an item.

```
In [3]: 1 x = [5,10,15,20,25,50,20]
2 c = 0
3 for i in x:
4     if i != 20:
5         c+=1
6     else:
7         x[c]=200
8         break
9
10
```

```
In [4]: 1 print(x)
```

```
[5, 10, 15, 200, 25, 50, 20]
```

2. Given a Python list, write a program to remove all occurrences of item 20.

```
In [17]: 1 x2 = [5,20,15,20,25,50,20]
2 c = 0
3 for i in x2:
4     if i != 20:
5         c+=1
6     else:
7         del(x2[c])
8         c+=1
9 print(x2)
10
```

```
[5, 15, 25, 50]
```

3. Given a two Python list. Write a program to iterate both lists simultaneously and display items from list1 in original order and items from list2 in reverse order.

```
In [21]: 1 lst1 = [10,20,30,40]
          2 lst2 = [100,200,300,400]
          3 lst3 = lst2[::-1]
          4 c = 0
          5 for i in lst1:
          6     print(lst1[c], lst3[c])
          7     c+=1
```

10 400

20 300

30 200

40 100

```
In [ ]: 1
```