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.

Given input : list1 = [5, 10, 15, 20, 25, 50, 20]

Expected output: [5, 10, 15, 200, 25, 50, 20]

In [67]:

```python
list1 = [5,10,15,20,25,50,20]
```

In [68]:

```python
def list_update(list1,num,val):
    for i in range(8):
        if list1[i]==num:
            print('Element Present In The List:')
            list1[i]=val
            break
    else:print('Element Not Found')
    print(list1)
```

In [63]:

```python
list_update(list1,20,200)
```

```
Element Present In The List:
[5, 10, 15, 200, 25, 50, 20]
```

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

Given input : list1 = [5, 20, 15, 20, 25, 50, 20]

Expected output:[5, 15, 25, 50]

In [71]:

```python
def list_remove(list1,ele):
    count = list1.count(ele)
    for i in range(count):
        list1.remove(ele)
    return list1
```

In [73]:

```
#Test Case1:
list_remove([5,20,15,25,50,20],20)
```

Out[73]:

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

In [74]:

```
list1 = [5,20,15,25,50,20]
```

In [75]:

```
# test Case 2:
list_remove(list1,20)
```

Out[75]:

```
[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.

Given input :
list1 = [10, 20, 30, 40]
list2 = [100, 200, 300, 400]

Expected output:
10 400
20 300
30 200
40 100

In [95]:

```
list1 = [10,20,30,40]
```

In [96]:

```
list2 = [100,200,300,400]
```

In [97]:

```
for x,y in zip(list1,list2):
    print(x,y)
```

```
10 100
20 200
30 300
40 400
```

In [ ]: