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.

```
lst=[5,10,15,20,25,30,50,20]
i=lst.index(20)
lst1=[]
for x in lst:
    lst[i]=200
    lst1.append(x)

print(lst1)
```

[5, 10, 15, 200, 25, 30, 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]

```
l1=[5,10,15,20,25,30,50,20]
l2=[]
a=20
for x in l1:
    l2.append(x)
    if x==a:
        l2.remove(x)
    else:
        pass

print(l2)
```

output:

[5, 10, 15, 25, 30, 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]

```
lst1=[10, 20, 30, 40]
lst2=[100, 200, 300, 400]
lst2.reverse()

itr1=iter(lst1)
itr2=iter(lst2)
while True:
   try:
      val=next(itr1)
      val2=next(itr2)
   except StopIteration:
      break
   print(val,val2)
```

output:

```
10 400
20 300
30 200
40 100
In [ ]:
```