

Assignment-4:

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.

SOL:

```
l = [5,10,15,20,25,50,20]
for i in range(len(l)):
    if(l[i]==20):
        l[i] = 200
        break
print(l)
```

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]

SOL:

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

```
ans = []
for i in l:
    if(i != 20 ):
        ans.append(i)
print(ans)
```

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

SOL:

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

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

```
for i in range(4):
```

```
    print(list1[i],list2[4-i-1])
```