

Assignment 4

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In [11]: '''1. You have given a Python list. Write a program to find value 20 in t
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]'''

list1 = [5, 10, 15, 20, 25, 50, 20]
i=list1.index(20)
list2=list1[:i]+[200]+list1[i+1:]
print(list2)

[5, 10, 15, 200, 25, 50, 20]
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In [16]: '''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]'''

list1 = [5, 20, 15, 20, 25, 50, 20]
c=list1.count(20)
for i in range(c):
    list1.remove(20)
print(list1)

[5, 15, 25, 50]
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In [21]: '''3. Given a two Python list. Write a program to iterate both lists simu
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'''

list1 = [10, 20, 30, 40]
list2 = [100, 200, 300, 400]
l1=len(list1)
l2=len(list2)
for i in range(l1):
    print(list1[i],list2[(l2-1)-i])

10 400
20 300
30 200
40 100
```