

In [48]:

```

1  '''
2  Write a program to delete 'all' occurrences of 'x' from the list
3
4  Let 1st input be [10 , 20 , 15 , 18 , 19 , 15 , 17 , 20 , 15 , 14] a
5  2nd input be 15
6  What is the output ? ---> [10 , 20 , 18 , 19 , 17 , 20 , 14]
7  '''
8
9  a=eval(input("Enter List"))
10 b=int(input('Enter element to be deleted : '))
11 try:
12     while True:
13         a.remove(b)
14 except:
15     print(a)

```

Enter List[10 , 20 , 15 , 18 , 19 , 15 , 17 , 20 , 15 , 14]
Enter element to be deleted : 15
[10, 20, 18, 19, 17, 20, 14]

In [51]:

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1  '''
2  Tricky program
3  Write a program to remove all duplicate elements of the list (N
4  Let input be [10 , 20 , 15 , 10 , 14 , 10 , 18 , 20 , 19]
5  What is the output ? ---> [15 , 14 , 18 , 19]
6
7  Hint: Use count() and append() methods
8  '''
9
10
11 a=eval(input("enter list : "))
12 b=[]
13 for i in a:
14     if a.count(i)==1:
15         b.append(i)
16 print(b)

```

enter list : [10 , 20 , 15 , 10 , 14 , 10 , 18 , 20 , 19]
[15, 14, 18, 19]

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In [53]: 1 '''
2 Write a program to determine all the list elements are identical
3
4 1) Let input be [25 , 25 , 25 , 25]
5     What is the output ? ---> All the elements are identical
6     How many elements are in the list ? ---> 4
7     How many times is first element repeated ? ---> 4
8
9 2) Let input be [10 , 10 , 20 , 10]
10    What is the output ? ---> All the elements are not identical
11    How many elements are in the list ? ---> 4
12    How many times is first element repeated ? ---> 3
13
14 3) Hint: Use len() and count()
15 '''
16
17 a=eval(input('enter list : '))
18 if a.count(a[0])==len(a):
19     print("All the elements are identical")
20 else:
21     print("All the elements are not identical")
```

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enter list : [10 , 10 , 20 , 10]
All the elements are not identical
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In [ ]:
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In [ ]:
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