

Count Distinct Elements in a List

I/p: l = [10, 20, 10, 30, 30, 20]

O/p: 3

I/p: l = [10, 10, 10]

O/p: 1

I/p: l = [10, 20, 30]

O/p: 3

Method 1:

```
def cDistinct(l):  
    res = 1  
    for i in range(1,len(l)):  
        if l[i] not in l[0:i]:  
            res = res+1  
    return res
```

l = [10,20,10,30,30,20]

print(cDistinct(l))

Method 2: (Efficient code)

```
def cDistinct2(l):  
    return len(set(l))
```

print(cDistinct2(l))