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1. mylist=[10,10,10,20,10,10]

for x in mylist:

if mylist.count(x)==1:

print(x)

7. lis=[2,4,6,10,12,24]  
 nlis=[]  
 sum=0  
 count=0  
 for i in lis:  
 sum += i  
 count=count+1  
 mean=sum/count  
  
 for i in lis:  
 if i<mean:  
 nlis.append(i)  
print(nlis)

6. x=[19,67,17,23,16,8]  
 x.sort()  
 diff=x[1]-x[0]  
 print(diff)

5. original=[2,4,6,8,1,3]  
 modified=[2,4,8,1,3]  
 print("missing number:",(set(original).difference(modified)))

2nd list

**4.** word="education"  
 list1=[]  
 list1[:0]=word // converted string into list characterwise.  
 iso=[]  
 for char in list1:  
 if char not in iso:  
 iso.append(char)  
 if iso==list1:  
 print("isogram")  
 else:  
 print("no")

**5.** s='hello'  
 new=[]  
 for i in enumerate(s[:]):  
 up=s[i].upper()  
 c=s[:i] + up + s[i+1:]  
 new.append(c)  
 print(new)