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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

1. time = "5:80:55"  
   hrs = time[0]  
   minute = time[2:4]  
   sec = time[5:7]  
   if int(sec) > 60:  
    sec = int(sec) - 60  
    minute = int(minute) + 1  
    if sec < 10:  
    sec = str(0) + str(sec)  
    sec = str(sec)  
   if int(minute) > 60:  
    minute = int(minute) - 60  
    hrs = int(hrs) + 1  
    if minute < 10:  
    minute = str(0) + str(minute)  
    minute = str(minute)  
    hrs = str(hrs)  
   print(hrs + ":" + minute + ":" + sec)

**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)

**10**. input\_string = "ashish"  
 temp\_string = ""  
 for i in range(0, len(input\_string)):  
 temp\_string = temp\_string + input\_string[i].upper()  
 for j in range(0, i):  
 temp\_string = temp\_string + input\_string[i]  
 if i != len(input\_string) - 1:  
 temp\_string = temp\_string + "-"  
 print(temp\_string)

**9.** rgb=(255, 0, 255)  
 hex='%02x%02x%02x' % rgb  
 print(hex)  
  
 given\_hex="FF65BA"  
 given\_hex = given\_hex.lstrip('#')  
 lv = len(given\_hex)  
 print(tuple(int(given\_hex[i:i + lv // 3], 16) for i in range(0, lv, lv // 3)))

**8**. s = "the bridge is build. the ship is built. everything is created. everything is destryoed"  
 string\_list = list(s.split(" "))  
 temp\_l = []  
 for i in string\_list:  
 if i not in temp\_l:  
 print("The frequency of word ", i, "is ", s.count(i))  
 temp\_l.append(i)