1.x=[1,2,4,2,1,3]

lst=[]

for i in x:

if x.count(i)==1:

lst.append(i)

lst=sorted(lst)

print(lst)

2.dict1 = {"i","like","sam","sung","samsung","mobile"}

s="ilike"

count=0

for i in dict1:

for j in dict1:

if i+j==s:

count=count+1

break

if count>0:

break

print(count)

3.def is\_sn(n):

x=str(n)

for i in range(1, len(x)):

if abs(int(x[i])-int(x[i - 1]))!=1:

return False

return True

sn=[]

for i in range(100,151):

if is\_sn(i):

sn.append(i)

print(sn)

4.x=str(input())

k=int(input())

lst=[]

for i in range(len(x)):

lst.append(int(x[i]))

lst=lst[::-1]

for i in range(k):

a=max(lst)

lst.remove(a)

lst=sorted(lst)

x=""

for i in lst:

x=x+str(i)

print(x)

5.def getMaxToys(prices, money):

n = len(prices)

start = 0

total\_cost = 0

max\_toys = 0

for end in range(n):

total\_cost += prices[end]

while total\_cost > money:

total\_cost -= prices[start]

start += 1

max\_toys = max(max\_toys, end - start + 1)

return max\_toys

prices = [1, 4, 5, 3, 2, 1, 6]

money = 6

print(getMaxToys(prices, money))