#

n1=int(input())

L1=[]

for i in range(n1):

L1.append(input())

n2=int(input())

L2=[]

for j in range(n2):

L2.append(int(input()))

for r in range(n1):

print(L1[r],L2[r])

#

import array as arr

a=arr.array('i')

num=int(input())#4

for \_ in range(num):

a.append(int(input()))

min\_num=a[0]

for i in a:

if i<min\_num:

min\_num=i

print("minimum element:",min\_num)

#

import array as arr

a=arr.array('i')

n=int(input())

for i in range(n):

a.append(int(input()))

b=arr.array('i')

n=int(input())

for i in range(n):

b.append(int(input()))

c=a+b

print(c)

l=c.tolist()

l.sort(reverse=True)

print(l)