SORT THE ARRAY USING TWO LISTS

a=int(input())

l=[]

l1=[]

for i in range(0,a):

b=int(input())

l.append(b)

#print(l)

for i in l:

c=min(l)

l1.append(c)

#print(l1)

v=l.index(c)

v1=(l[0:v]+l[v+1:])

#print(v1)

l=v1

print(l1)

O/P:

7

32

64

98

72

50

15

22

[15, 22, 32, 50, 64, 72, 98]

2.REMOVE MIDDLE ELEMENT ODD N EVEN:

t=int(input("Enter TC"))

for i in range(0,t):

a=int(input("size"))

l=[]

for i in range(0,a):

b=int(input())

l.append(b)

print(l)

if a%2==0:

m=len(l)//2

l.pop(m-1)

print(l)

elif a%2!=0:

m=len(l)//2

l.pop(m)

print(l)

O/P:

Enter TC2

size5

1

2

3

4

5

[1, 2, 3, 4, 5]

[1, 2, 4, 5]

size4

1

2

3

4

[1, 2, 3, 4]

[1, 3, 4]

3.STACK ENQUE DEQUE:

a=int(input())

l=[]

l1=[]

l2=[]

l3=[]

for i in range(0,a):

b=int(input())

l.append(b)

l3.append(b)

print(l)

l1.append(l[0])

l.pop(0)

print(l)

print(l1)

l2=l[::-1]

print(l2)

for i in l1:

l2.append(i)

print(l2)

if l3[::-1]==l2:

print("True")

else:

print("False")

O/P:

5

5

1

2

3

4

[5, 1, 2, 3, 4]

[1, 2, 3, 4]

[5]

[4, 3, 2, 1]

[4, 3, 2, 1, 5]

True

4.paranthesisi longest string

a=input()

c=0

d=0

for i in a:

if i =="(":

c=c+1

elif i==")":

d=d+1

if c<d:

print(c+c)

elif c>d:

print(d+d)

O/P:

((()

2

)()())

4

()(()))))

6