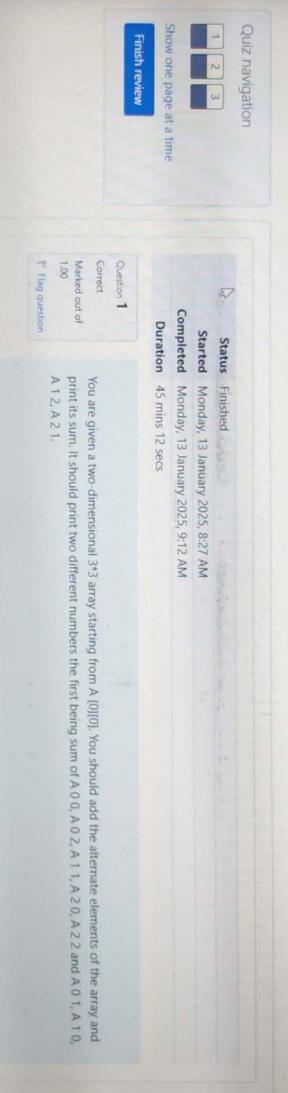
GE23131-Programming Using C-2024



First and only line contains the value of array separated by single space.

A 0 0

A 0 1

A 0 2

Input Format

1	A20	2	A10	4	A00
w	A21	5	All	6	A01
7	A22	00	A12	9	A02

Output Format

EV.

First line should print sum of A 0 0, A 0 2, A 1 1, A 2 0, A 2 2
Second line should print sum of A 0 1, A 1 0, A 1 2, A 2 1

SAMPLE INPUT

123456789

SAMPLE OUTPUT

25

20

SAMPLE OUTPUT

25

```
1 #include<stdio.h>
2 int main()
3 + {
                                                                                                                                                                                                                               int arr[3] [3];
for(int i=0;i<3;i++)
                                                                                                    int odd=0,even=0;
for(int i=0;i<3;i++)</pre>
                                                                                                                                                                                                for(int j-0;j<3;j++)
                                                                      for(int j-0;j<3;j++)
          if((i+j)%2|-0)
odd+-arr[i] [j];
else
                                                                                                                                                                  scanf("%d",&arr[i] [j]);
even+-arrfilfil:
```

```
10
11
11
12
int odd=0,even=0;
13
for(int i=0;i<3;i++)
14.
15
16.
17
18
19
20
20
21
21
21
22
printf("%d\n%d",even,odd);
25
}
```

<	<	
21 422 423 443 586 645 657 846 904	123456789	Input
4 2591	25	Expected Got
2591	25	Got
<	<	

Passed all tests! ~

Question 2

Marked out of

F Flag question

a catch. This time Microsoft wants to hire female candidates first and then male candidates. Microsoft wants to create the result list where it wants the candidates sorted according to their talent levels, but there is Microsoft has come to hire interns from your college. N students got shortlisted out of which few were males and a few females. All the students have been assigned talent levels. Smaller the talent level, lesser is your chance to be selected.

are sorted in a descending order. The task is to create a list where first all-female candidates are sorted in a descending order and then male candidates

Input Format

ai and bi. The first line contains an integer N denoting the number of students. Next, N lines contain two space-separated integers,

The first integer, ai will be either 1(for a male candidate) or 0(for female candidate).

The second integer, bi will be the candidate's talent level.

Constraints

1 <= N <= 103

Output Format

44 . 44 . 4

Output space-separated integers, which first contains the talent levels of all female candidates sorted in descending

order and then the talent levels of male candidates in descending order.

SAMPLE INPUT

Uh.

1

03

16

0.2

0.7

1 15

SAMPLE OUTPUT

732156

SAMPLE OUTPUT

732156

```
int gen; int tal;
                                                 for(int i=0;i<n;i++)
scanf("%d %d",&a[i].gen,&a[i].tal);
for(int i=0;i<n-1;i++)</pre>
                                                                    scanf("%d",&n);
struct data a[n];
                                    for(int j=0;j<n-i-1;++j)
                      if(a[j].talka[j+1].tal)
 struct data temp=a[j];
a[j]=a[j+1];
```

SAMPLE OUTPUT

732156

Name and Address

```
REC-CIS
```

<		<	-	
7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 37		1 1 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Input
31 29 18 14 12 10 9 8 5 3 2 1		39 37 26 13 7 1	7 3 2 15 6	xpected
31 29 18 14 12 10 9 8 5 3 2 1		39 37 26 13 7 1	7 3 2 15 6	ot
<		<	<	

V

- <	Input	Expected 7 3 2 15 6	55
	1 0 0 1 0		
<	0 0 0	39 37 26 13 7 1	39 37 26 13 7 1
	0 37		
<	22224444	31 29 18 14 12 18 9 8 5 3 2 1	31 29 18 14 12 10 9 8 5 3 2 1

Passed all tests! ~

Marked out of Correct

1.00

F Flag question

conflict. All the portion of conflicted land will be taken back by the landlord. return all the money to the farmers of that land which was overlapping with other farmer's land to settle down the plots to the farmers but made a mistake. Being illiterate, he made partitions that could be overlapping. When the decided to partition the land into rectangular plots of different sizes with different cost per unit area. So, he sold these sell all his farmland and to live rest of his life with that money. No other farmer is rich enough to buy all his land so he Shyam Lal, a wealthy landlord from the state of Rajasthan, being an old fellow and tired of doing hard work, decided to farmers came to know about it, they ran to him for compensation of extra money they paid to him. So, he decided to

total amount of money, he has to return to the farmers. Help Shyam Lal to accomplish this task where each block is equivalent to a unit square area which can be represented on the co-ordinate axis. Now find the same cost they had purchased from him. Suppose, Shyam Lal has a total land area of 1000 x 1000 equal square blocks To decide the total compensation, he has to calculate the total amount of money to return back to farmers with the

conflict. All the portion of conflicted land will be taken back by the landlord. return all the money to the farmers of that land which was overlapping with other farmer's land to settle down the farmers came to know about it, they ran to him for compensation of extra money they paid to him. So, he decided to

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Input Format:

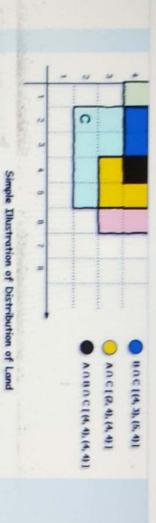
area C. contains the 5 space separated integers (X1, Y1), (X2, Y2) to represent a rectangular piece of land, and cost per unit The first line of the input contains an integer N, denoting the total number of land pieces he had distributed. Next N line

(X1, Y1) and (X2, Y2) are the locations of first and last square block on the diagonal of the rectangular region.

Output Format:

Print the total amount he has to return to farmers to solve the conflict.

Constraints



For given sample input (see given graph for reference), compensation money for different farmers is as follows:

Farmer with land area A: $C_1 = 5 * 1 = 5$

Farmer with land area B: $C_2 = 6 * 2 = 12$

Farmer with land area C: $C_3 = 6 * 3 = 18$

Total Compensation Money = $C_1 + C_2 + C_3 = 5 + 12 + 18 = 35$

Answer: (penalty regime: 0 %)

1 Winclude<stdio.h>
2 int main()
3 {
 int i,j,n,x1,x2,y1,y2,t=0;
 int long long total=0;
 int long long total=0;
}

```
Total Compensation Money = C_1 + C_2 + C_3 = 5 + 12 + 18 = 35
```

```
REC-CIS
                                                                                                                                                                 EV.
                                                                                                     26
27
27
28
26
26
27
28
28
31
31
33
33
34
35
                    1 4 4 6 1
4 3 6 6 2
2 2 5 4 3
48 12 49 27 8
                                                       Input
                                                                                                                  return 0;
                                                                                                                         printf("%lld\n",(-1)*total);
                                                                                                                                                                                 for(i=1;i<1001;i++)
                                                                                                                                                                  for(j=1;j<1001;j++)
                                                                                                                                           if(arr[i] [j]<0)
total+=arr[i] [j];</pre>
                                                      Expected Got
                                                                                                                                                                                                                    arr[i] [j]-=t;
        0
                                          35
                                            <
         <
```

34 return θ;

34 return 35 }

Passed all tests! V