

20

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int arr[3][3];
5     for(int i=0;i<3;i++)
6     {
7         for(int j=0;j<3;j++)
8         {
9             scanf("%d",&arr[i][j]);
10        }
11    }
12    int odd=0,even=0;
13    for(int i=0;i<3;i++)
14    {
15        for(int j=0;j<3;j++)
16        {
17            if((i+j)%2!=0)
18                odd+=arr[i][j];
19            else
20                even+=arr[i][j];
21        }
22    }
23    printf("%d\n%d",even,odd);
24 }
```

REC-CIS

```
15     for(int j=0;j<3;j++)
16     {
17         if((i+j)%2!=0)
18             odd+=arr[i][j];
19         else
20             even+=arr[i][j];
21     }
22     printf("%d\n%d",even,odd);
23 }
24 }
```

	Input	Expected	Got	
✓	1 2 3 4 5 6 7 8 9	25 20	25 20	✓
✓	21 422 423 443 586 645 657 846 984	2591 2356	2591 2356	✓

Passed all tests! ✓

Question 2

Correct

Marked out of 5.00

Flag question

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. Microsoft wants to create the result list where it wants the candidates sorted according to their talent levels, but there is a catch. This time Microsoft wants to hire female candidates first and then male candidates.

REC-CIS

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 struct data
3 {
4     int gen;int tal;
5 };
6 int main()
7 {
8     int n;
9     scanf("%d",&n);
10    struct data a[n];
11    for(int i=0;i<n;i++)
12        scanf("%d%d",&a[i].gen,&a[i].tal);
13    for(int i=0;i<n-1;i++)
14    {
15        for(int j=0;j<n-i-1;j++)
16        {
17            if(a[j].tal<a[j+1].tal)
18            {
19                struct data temp=a[j];
20                a[j]=a[j+1];
21                a[j+1]=temp;
22            }
23        }
24    }
25    for(int i=0;i<n;i++)
26    {
27        if(a[i].gen==0)
28            printf("%d ",a[i].tal);
29    }for(int i=0;i<n;++i)
30    {
31        if(a[i].gen==1)
32            printf("%d ",a[i].tal);
33    }
34 }
```

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REC-CIS

```
30 v {
31     if(a[i].gen==1)
32         printf("%d ",a[i].tal);
33 }
34
35 ]
```

	Input	Expected	Got	
✓	5 0 3 1 6 0 2 0 7 1 15	7 3 2 15 6	7 3 2 15 6	✓
✓	6 0 1 0 26 0 39 0 37 0 7 0 13	39 37 26 13 7 1	39 37 26 13 7 1	✓
✓	12 1 12 1 14 1 18 1 1 1 2	31 29 18 14 12 10 9 8 5 3 2 1	31 29 18 14 12 10 9 8 5 3 2 1	✓

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REC-CIS

0 7			
0 13			
✓	12	31 29 18 14 12 10 9 8 5 3 2 1	31 29 18 14 12 10 9 8 5 3 2 1
1 12			
1 14			
1 18			
1 1			
1 2			
1 3			
1 5			
1 8			
1 9			
1 10			
0 29			
0 31			
✓	12	12 12 12 12 12 12 12 12 12 12	12 12 12 12 12 12 12 12 12 12
0 12			
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1 12			

Passed all tests! ✓

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REC-CIS

Farmer with land area C₃ = 0 + 5 = 10

Total Compensation Money = C₁ + C₂ + C₃ = 5 + 12 + 18 = 35

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,j,n,x1,x2,y1,y2,t=0;
5     long long total=0;
6     int arr[1001][1001]={0};
7     scanf("%d",&n);
8     while(n-->0)
9     {
10         scanf("%d%d%d%d%d",&x1,&y1,&x2,&y2,&t);
11         for(i=x1;i<=x2;i++)
12         {
13             for(j=y1;j<=y2;j++)
14             {
15                 if(arr[i][j]==0)
16                     arr[i][j]=t;
17                 else if(arr[i][j]>0)
18                     arr[i][j]=(-1)*(arr[i][j]+t);
19                 else if(arr[i][j]<0)
20                     arr[i][j]=-t;
21             }
22         }
23     }
24     for(i=1;i<1001;i++)
25     {
26         for(j=1;j<1001;j++)
27         {
```

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REC-CIS

```
23     }
24     for(i=1;i<1001;i++)
25     {
26         for(j=1;j<1001;j++)
27         {
28             if(arr[i][j]<0)
29                 total+=arr[i][j];
30         }
31     }
32     printf("%lld\n",(-1)*total);
33     return 0;
34 }
```

	Input	Expected	Got	
✓	3 1 4 4 6 1 4 3 6 6 2 2 2 5 4 3	35	35	✓
✓	1 48 12 49 27 8	0	0	✓
✓	3 88 34 99 76 44 82 65 94 100 81 58 16 65 66 7	10500	10500	✓

Passed all tests! ✓

Type here to search

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12-01-2025