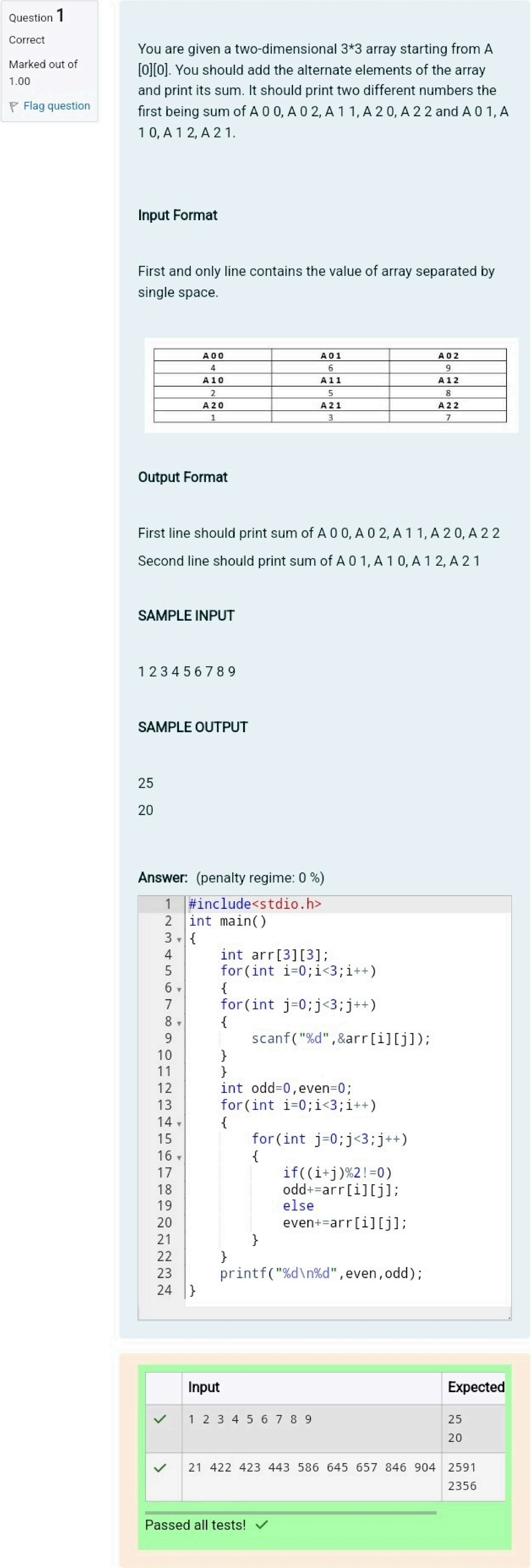


Question **1**

Correct

Marked out of 1.00

Flag question

You are given a two-dimensional 3*3 array starting from A [0][0]. You should add the alternate elements of the array and print its sum. It should print two different numbers the first being sum of A 0 0, A 0 2, A 1 1, A 2 0, A 2 2 and A 0 1, A 1 0, A 1 2, A 2 1.

Input Format

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

A 0 0	A 0 1	A 0 2
4	6	9
A 1 0	A 1 1	A 1 2
2	5	8
A 2 0	A 2 1	A 2 2
1	3	7

Output Format

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

1 2 3 4 5 6 7 8 9

SAMPLE OUTPUT

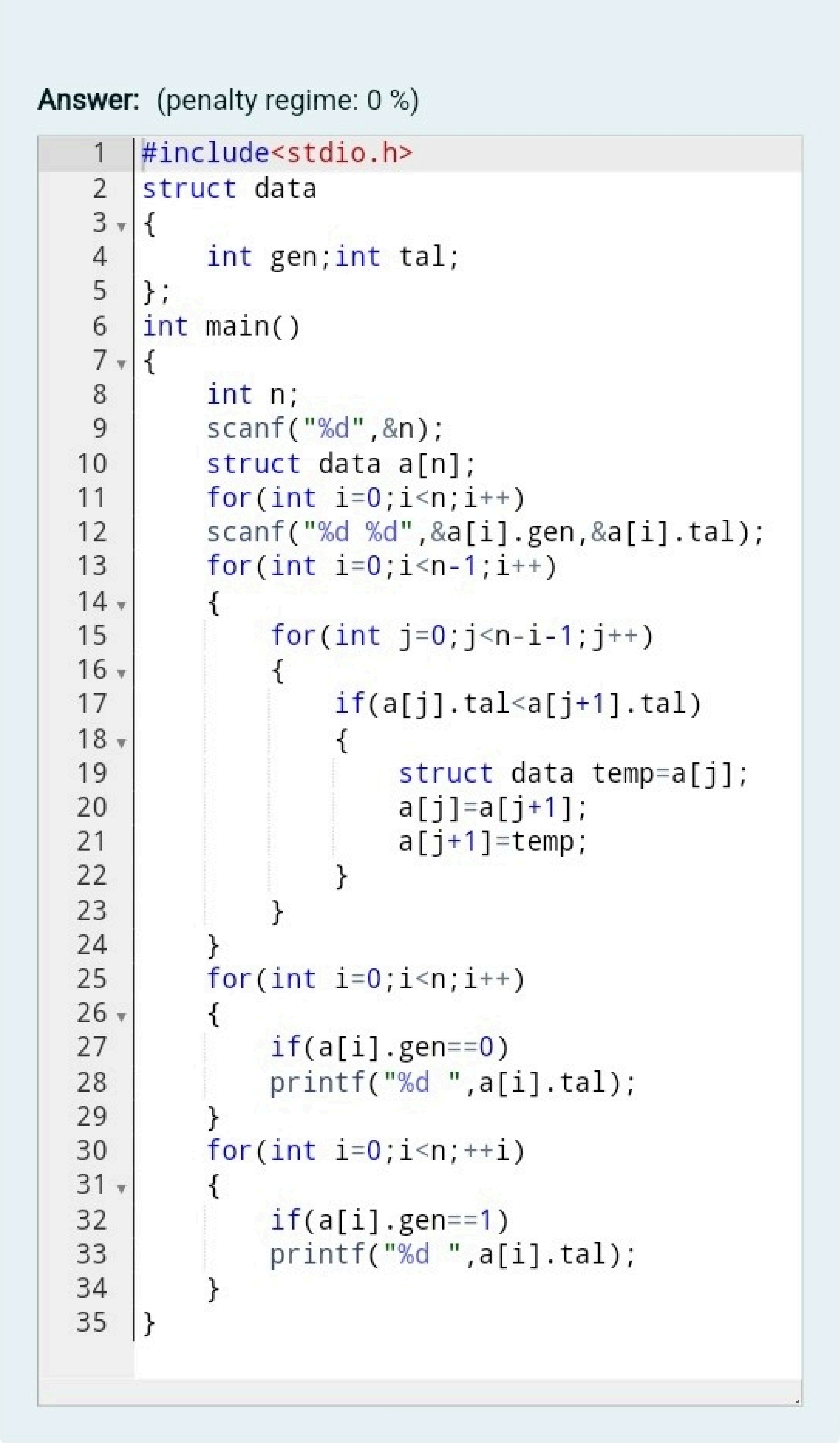
```
25
20
```

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int arr[3][3];
    for(int i=0;i<3;i++)
    {
    for(int j=0;j<3;j++)
    {
        scanf("%d",&arr[i][j]);
    }
    }
    int odd=0,even=0;
    for(int i=0;i<3;i++)
    {
        for(int j=0;j<3;j++)
        {
            if((i+j)%2!=0)
            odd+=arr[i][j];
            else
            even+=arr[i][j];
        }
    }
    printf("%d\n%d",even,odd);
}
```

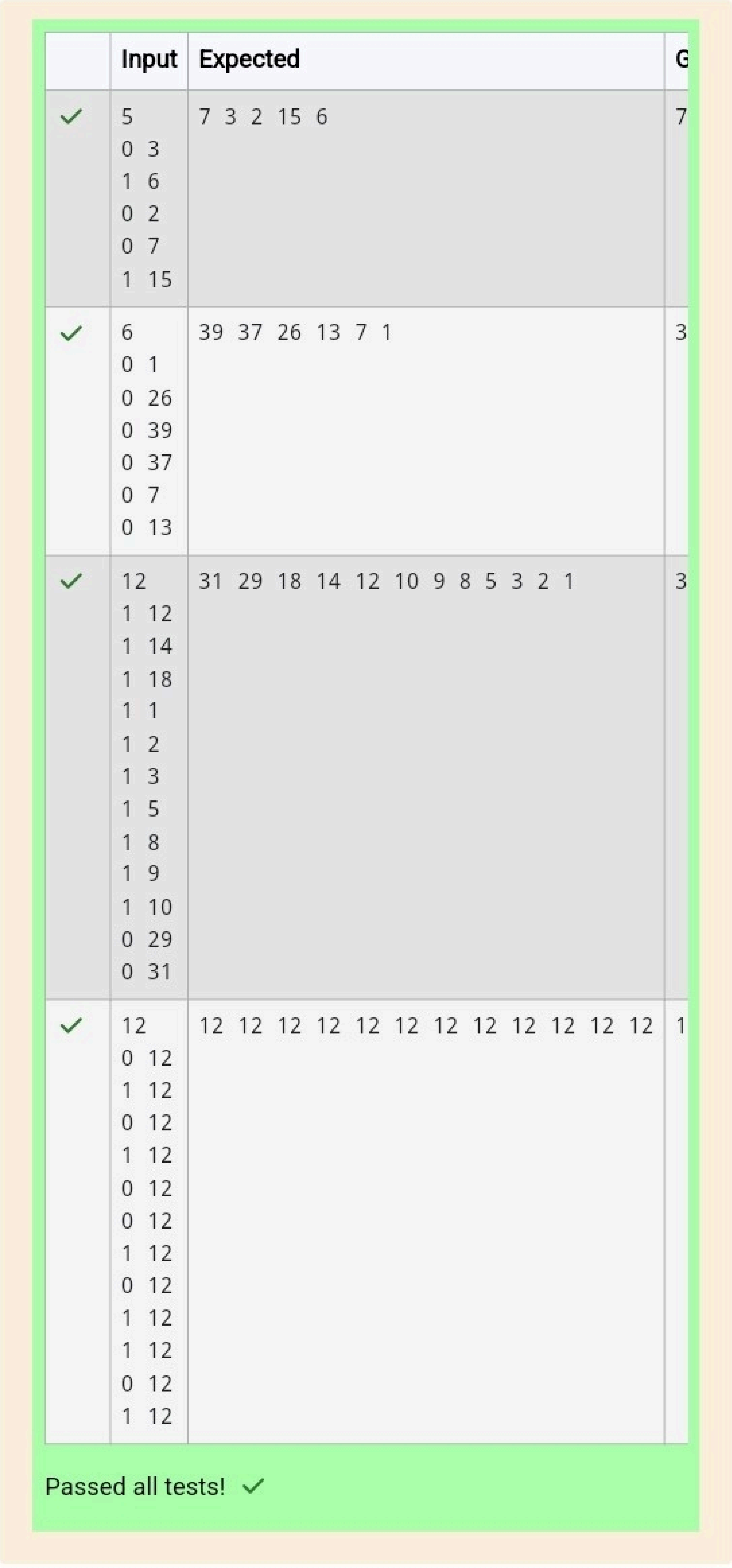
	Input	Expected
✓	1 2 3 4 5 6 7 8 9	25 20
✓	21 422 423 443 586 645 657 846 904	2591 2356

Passed all tests! ✓



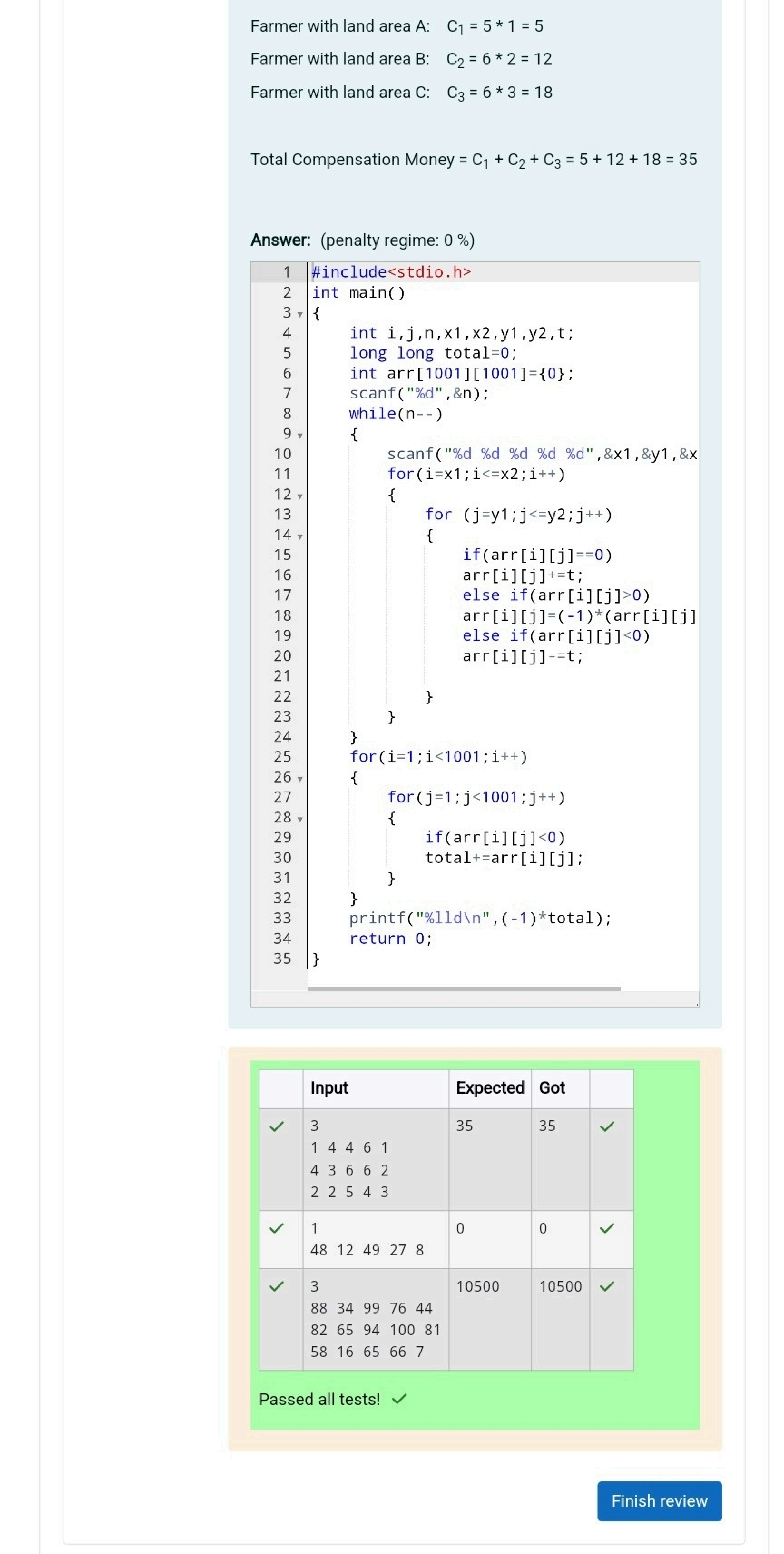
Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
struct data
{
    int gen;int tal;
};
int main()
{
    int n;
    scanf("%d",&n);
    struct data a[n];
    for(int i=0;i<n;i++)
    scanf("%d %d",&a[i].gen,&a[i].tal);
    for(int i=0;i<n-1;i++)
    {
        for(int j=0;j<n-i-1;j++)
        {
            if(a[j].tal<a[j+1].tal)
            {
                struct data temp=a[j];
                a[j]=a[j+1];
                a[j+1]=temp;
            }
        }
    }
    for(int i=0;i<n;i++)
    {
        if(a[i].gen==0)
        printf("%d ",a[i].tal);
    }
    for(int i=0;i<n;++i)
    {
        if(a[i].gen==1)
        printf("%d ",a[i].tal);
    }
}
```



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

Passed all tests! ✓



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 %)

```c
#include<stdio.h>
int main()
{
    int i,j,n,x1,x2,y1,y2,t;
    long long total=0;
    int arr[1001][1001]={0};
    scanf("%d",&n);
    while(n--)
    {
        scanf("%d %d %d %d %d",&x1,&y1,&x
        for(i=x1;i<=x2;i++)
        {
            for (j=y1;j<=y2;j++)
            {
                if(arr[i][j]==0)
                arr[i][j]+=t;
                else if(arr[i][j]>0)
                arr[i][j]=(-1)*(arr[i][j]
                else if(arr[i][j]<0)
                arr[i][j]-=t;

            }
        }
    }
    for(i=1;i<1001;i++)
    {
        for(j=1;j<1001;j++)
        {
            if(arr[i][j]<0)
            total+=arr[i][j];
        }
    }
    printf("%lld\n",(-1)*total);
    return 0;
}
```

	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! ✓