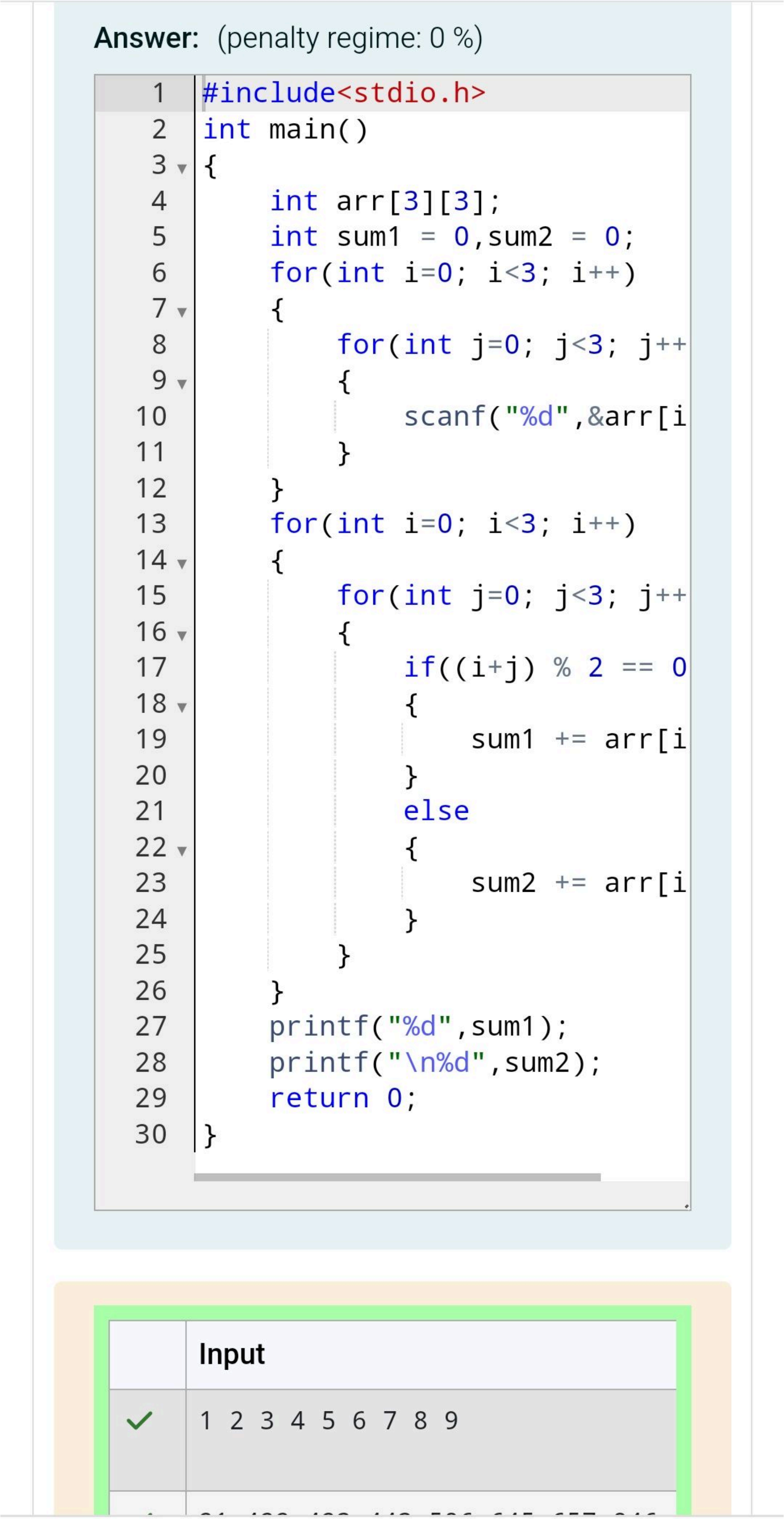
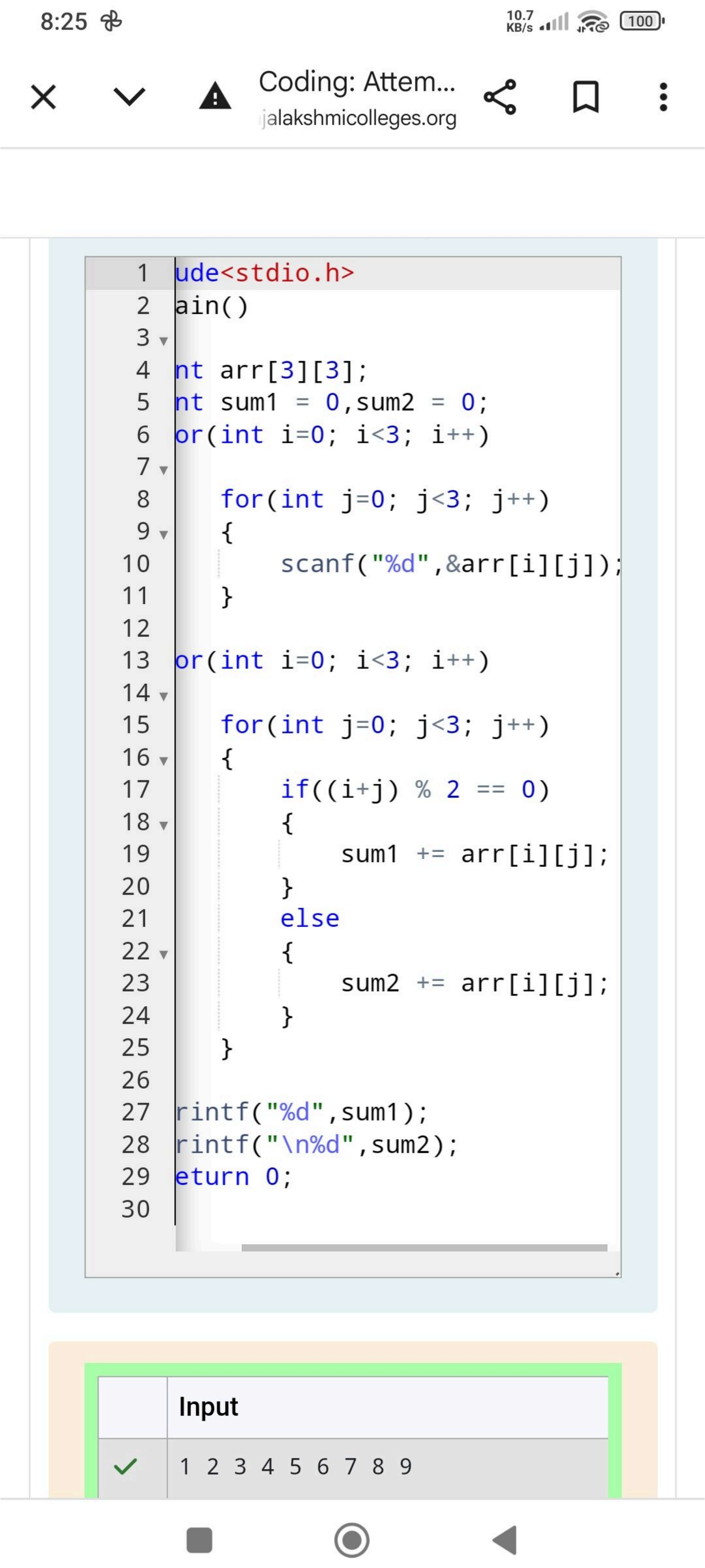


8:25

Answer: (penalty regime: 0 %)

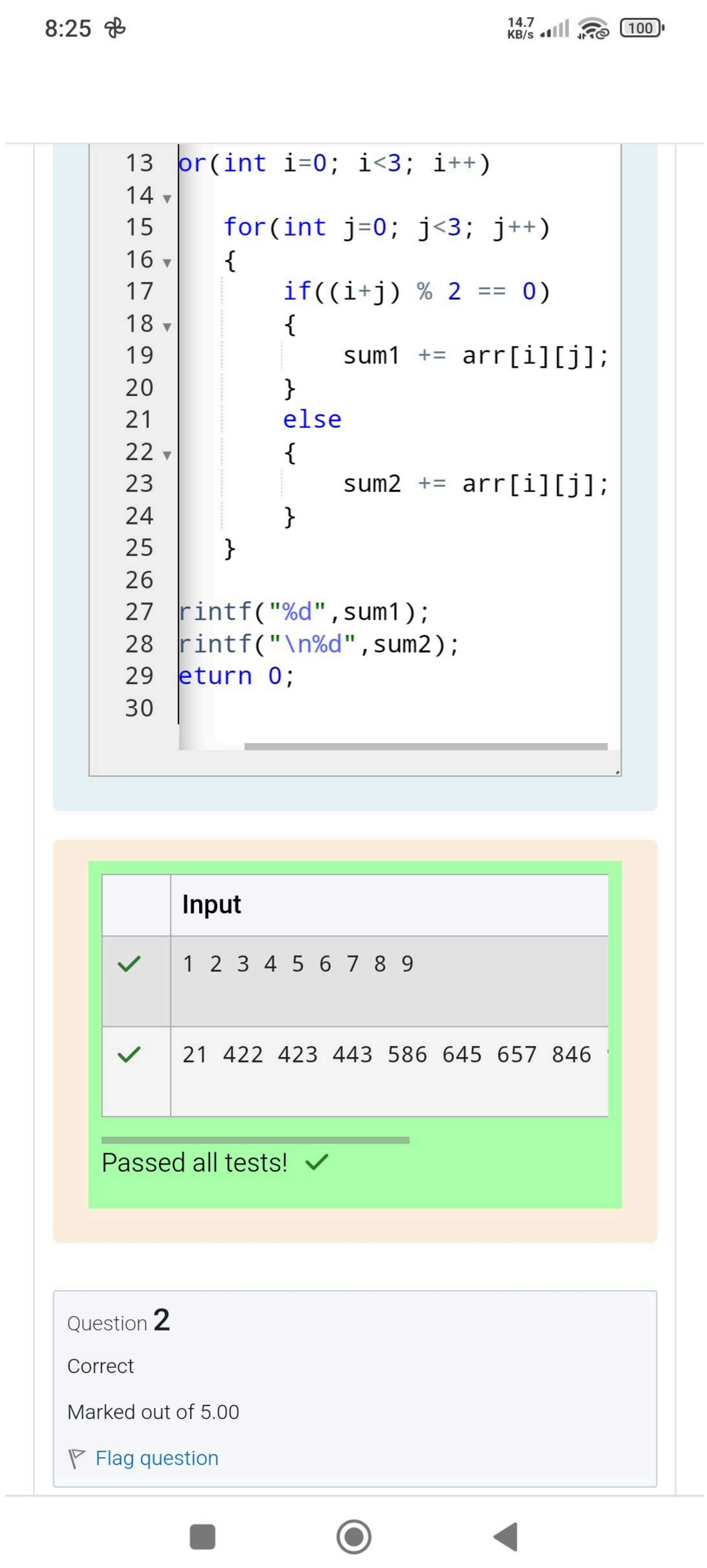
```c
#include<stdio.h>
int main()
{
    int arr[3][3];
    int sum1 = 0,sum2 = 0;
    for(int i=0; i<3; i++)
    {
        for(int j=0; j<3; j++
        {
            scanf("%d",&arr[i
        }
    }
    for(int i=0; i<3; i++)
    {
        for(int j=0; j<3; j++
        {
            if((i+j) % 2 == 0
            {
                sum1 += arr[i
            }
            else
            {
                sum2 += arr[i
            }
        }
    }
    printf("%d",sum1);
    printf("\n%d",sum2);
    return 0;
}
```

	Input
✓	1 2 3 4 5 6 7 8 9



```
ude<stdio.h>
ain()

nt arr[3][3];
nt sum1 = 0,sum2 = 0;
or(int i=0; i<3; i++)

   for(int j=0; j<3; j++)
   {
       scanf("%d",&arr[i][j]);
   }

or(int i=0; i<3; i++)

   for(int j=0; j<3; j++)
   {
       if((i+j) % 2 == 0)
       {
           sum1 += arr[i][j];
       }
       else
       {
           sum2 += arr[i][j];
       }
   }

rintf("%d",sum1);
rintf("\n%d",sum2);
eturn 0;

```

	Input
✓	1 2 3 4 5 6 7 8 9



```
or(int i=0; i<3; i++)

    for(int j=0; j<3; j++)
    {
        if((i+j) % 2 == 0)
        {
            sum1 += arr[i][j];
        }
        else
        {
            sum2 += arr[i][j];
        }
    }

rintf("%d",sum1);
rintf("\n%d",sum2);
eturn 0;

```

	Input
✓	1 2 3 4 5 6 7 8 9
✓	21 422 423 443 586 645 657 846

Passed all tests! ✓

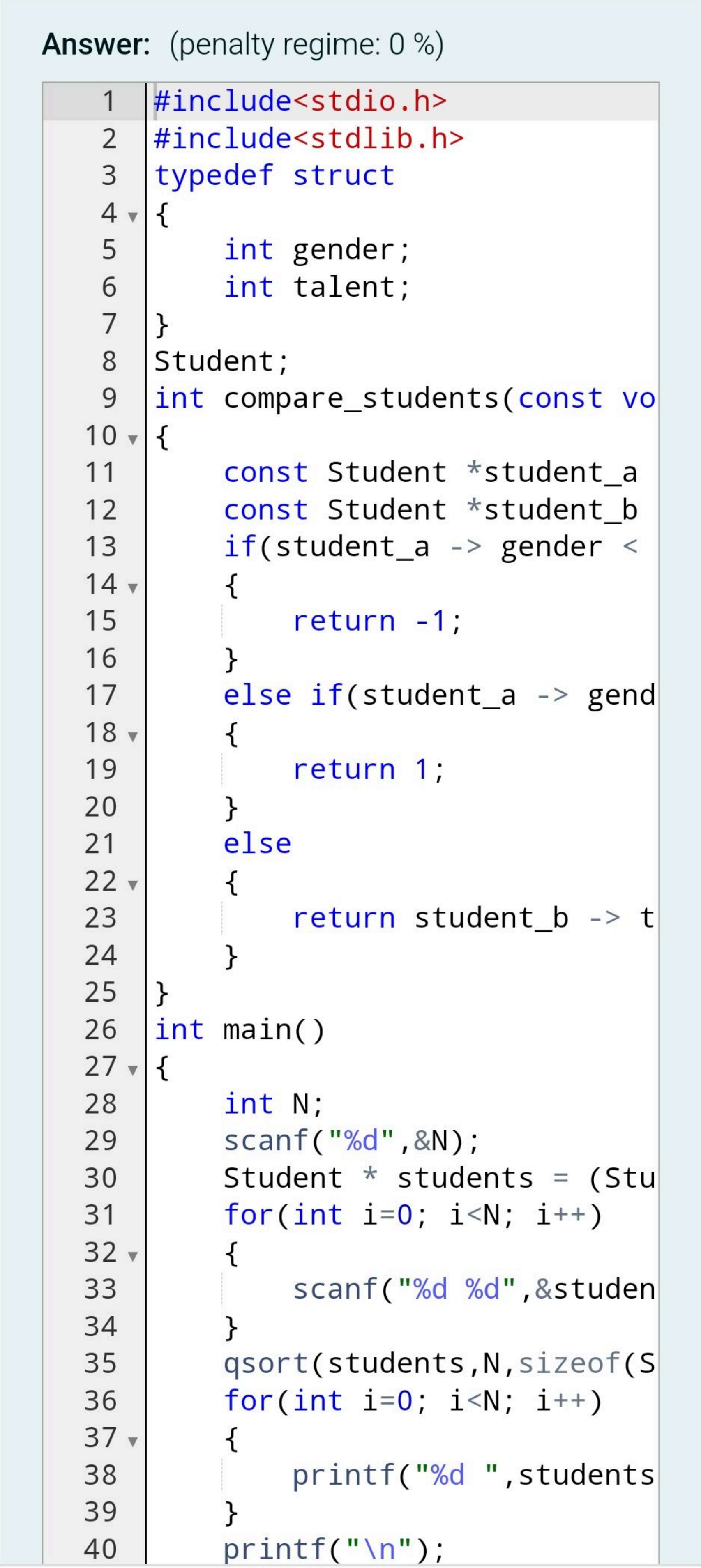
Question **2**

Correct

Marked out of 5.00

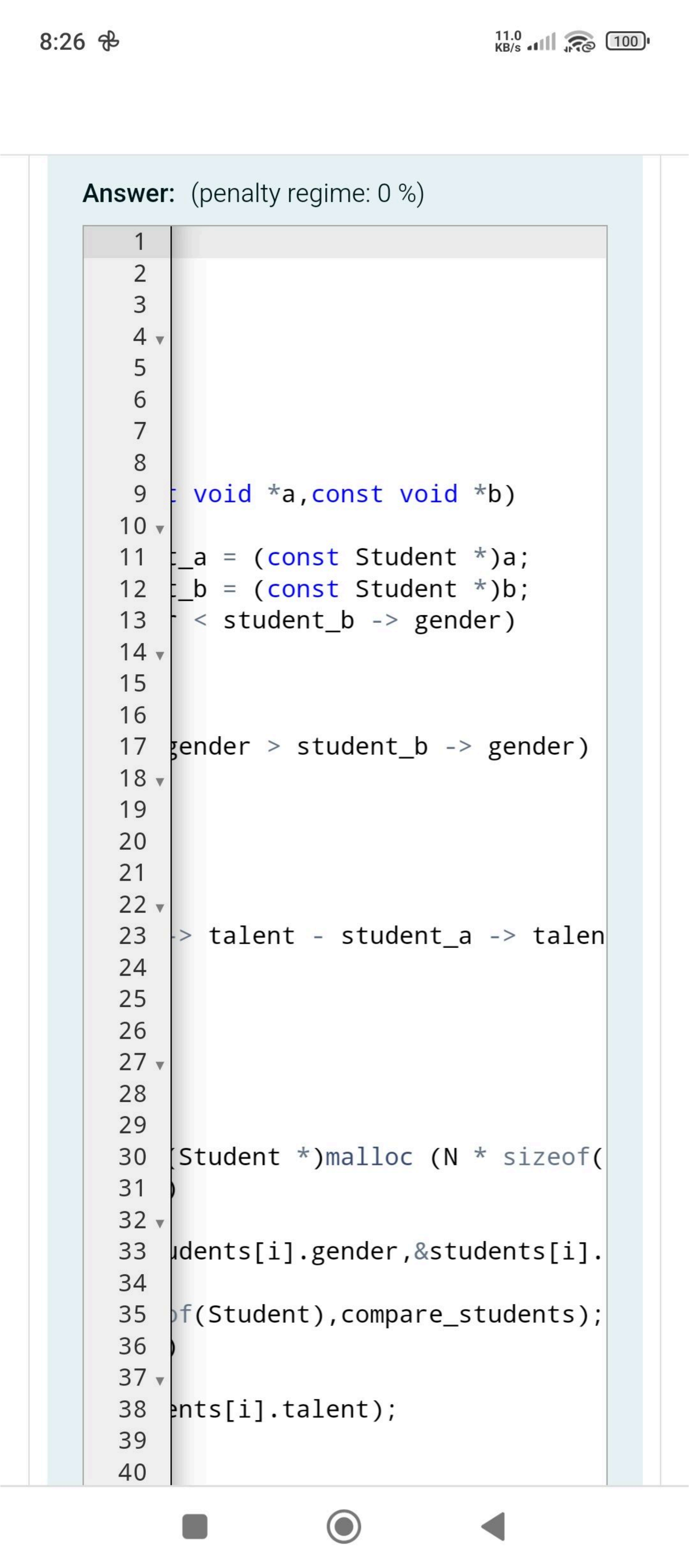
Flag question

8:25 7.66 KB/s 100



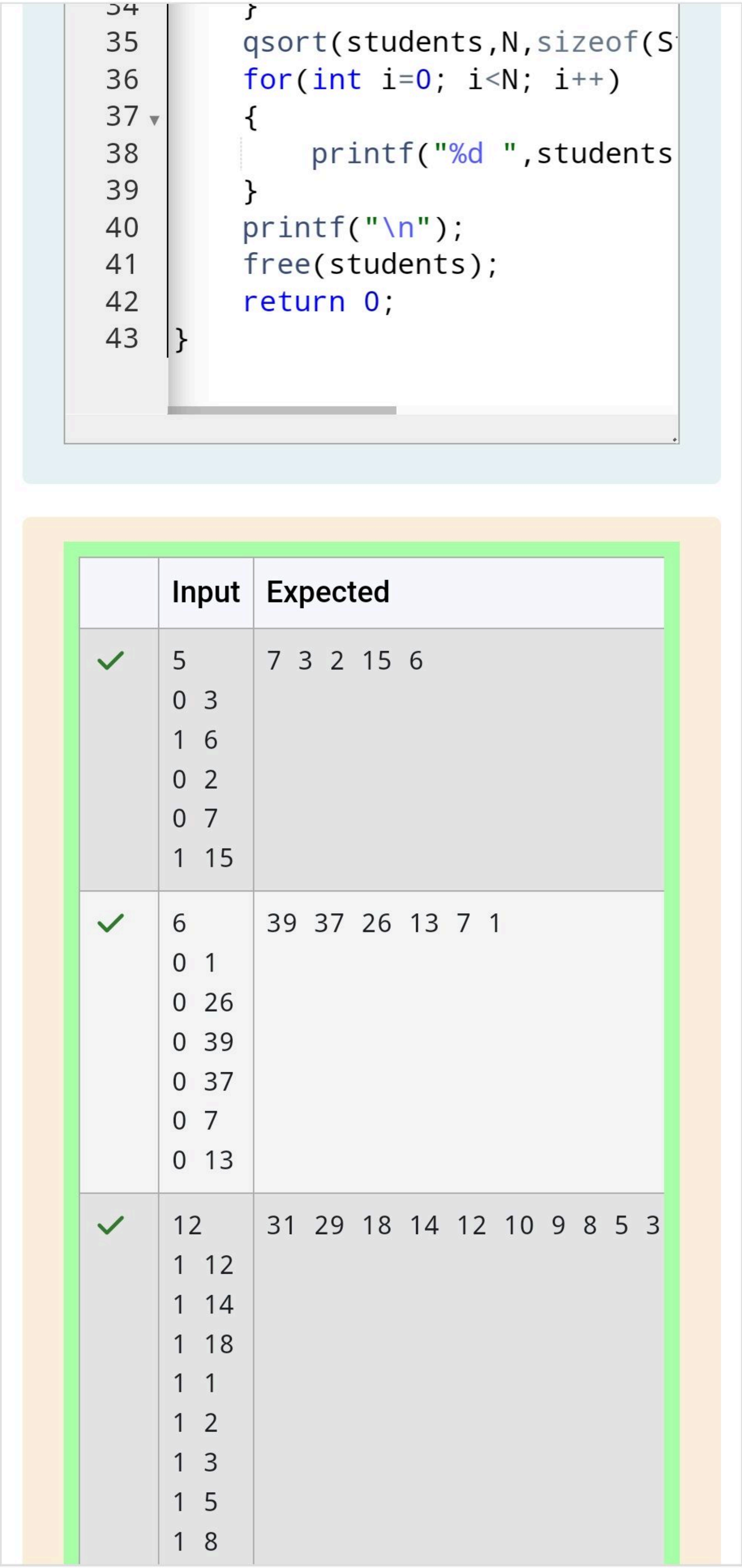
Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
#include<stdlib.h>
typedef struct
{
    int gender;
    int talent;
}
Student;
int compare_students(const vo
{
    const Student *student_a
    const Student *student_b
    if(student_a -> gender <
    {
        return -1;
    }
    else if(student_a -> gend
    {
        return 1;
    }
    else
    {
        return student_b -> t
    }
}
int main()
{
    int N;
    scanf("%d",&N);
    Student * students = (Stu
    for(int i=0; i<N; i++)
    {
        scanf("%d %d",&studen
    }
    qsort(students,N,sizeof(S
    for(int i=0; i<N; i++)
    {
        printf("%d ",students
    }
    printf("\n");
```



Answer: (penalty regime: 0 %)

```








t void *a,const void *b)

t_a = (const Student *)a;
t_b = (const Student *)b;
r < student_b -> gender)



gender > student_b -> gender)





-> talent - student_a -> talen






(Student *)malloc (N * sizeof(
)

udents[i].gender,&students[i].

of(Student),compare_students);
)

ents[i].talent);


```



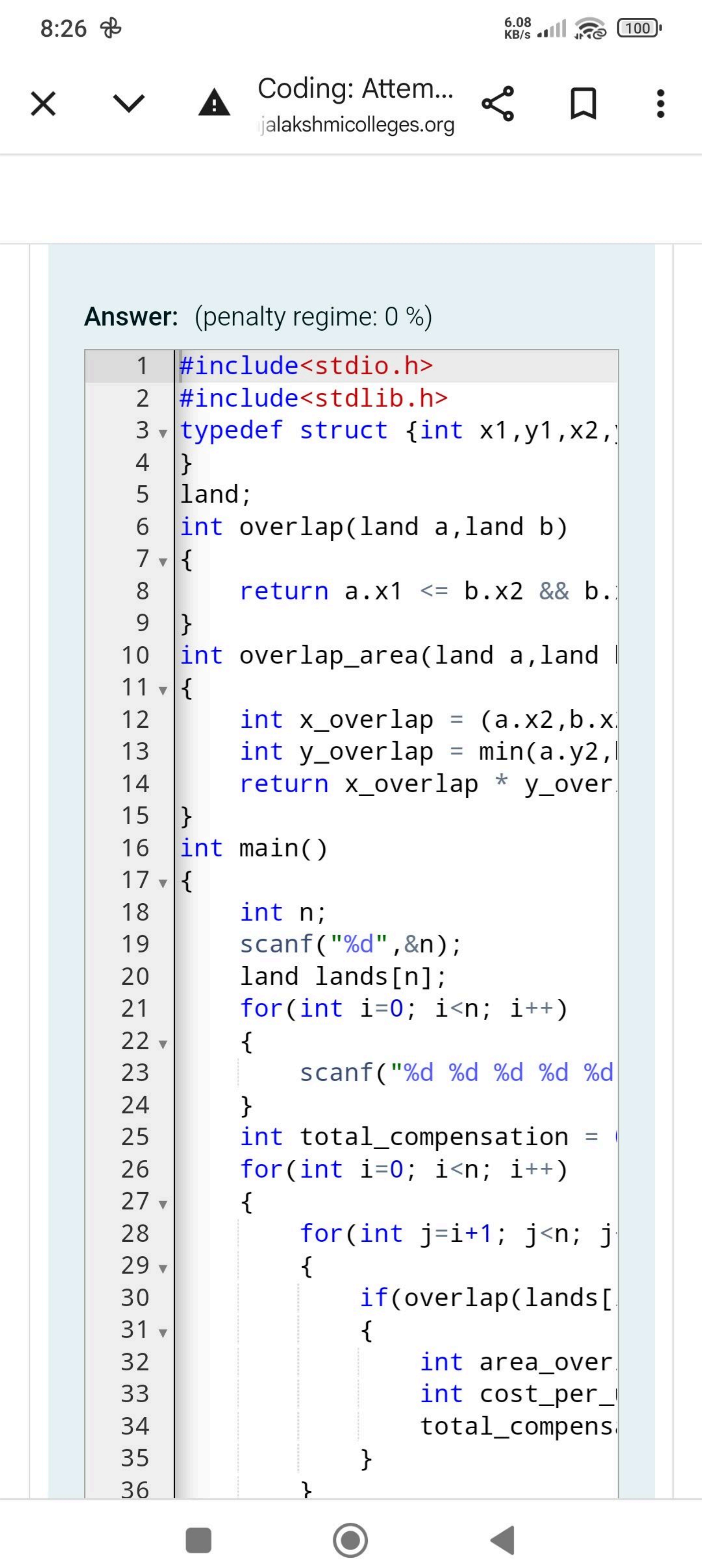
```
    }
    qsort(students,N,sizeof(S
    for(int i=0; i<N; i++)
    {
        printf("%d ",students
    }
    printf("\n");
    free(students);
    return 0;
}
```

	Input	Expected

✓	5
	0 3
	1 6
	0 2
	0 7
	1 15
		7 3 2 15 6

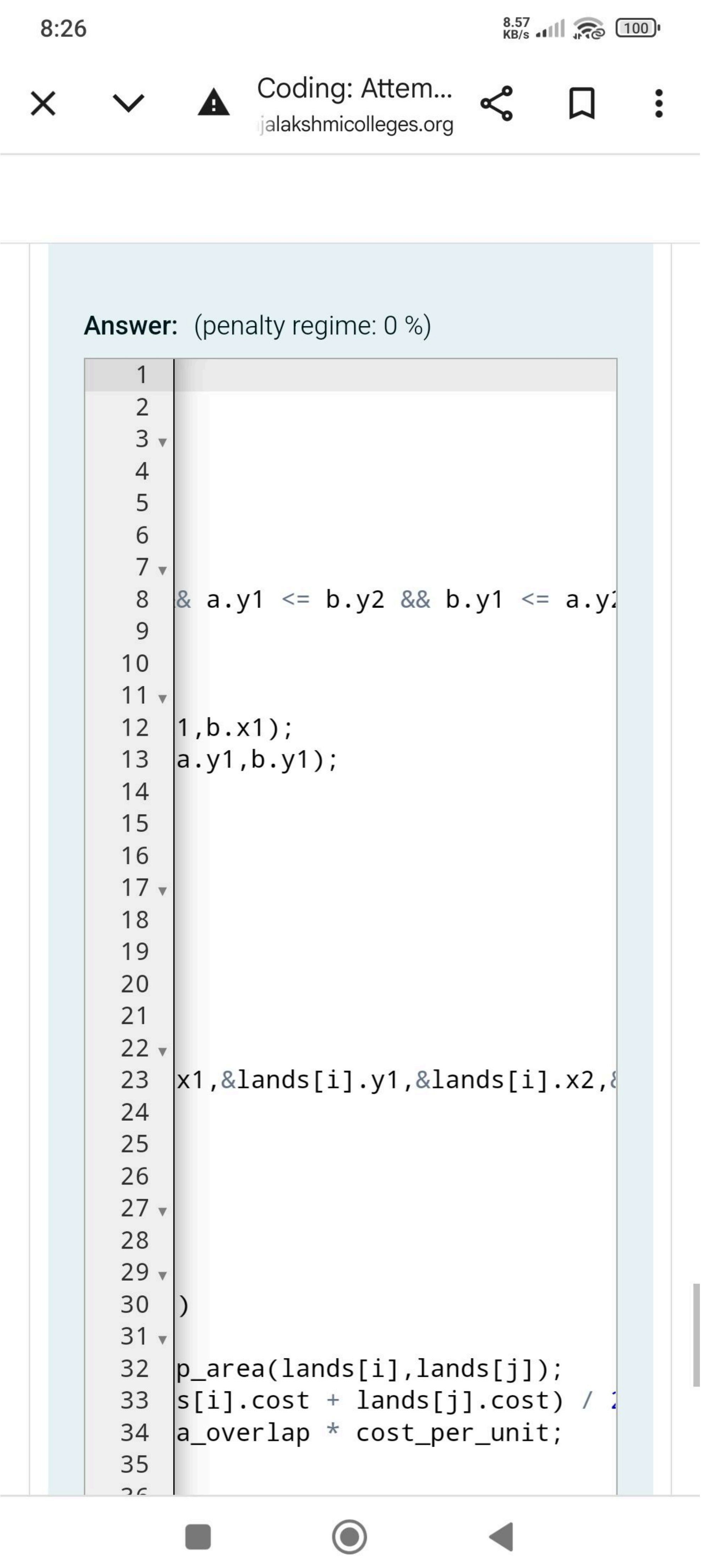
✓	6
	0 1
	0 26
	0 39
	0 37
	0 7
	0 13
		39 37 26 13 7 1

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



Answer: (penalty regime: 0 %)

```
#include<stdio.h>
#include<stdlib.h>
typedef struct {int x1,y1,x2,
}
land;
int overlap(land a,land b)
{
    return a.x1 <= b.x2 && b.
}
int overlap_area(land a,land
{
    int x_overlap = (a.x2,b.x
    int y_overlap = min(a.y2,
    return x_overlap * y_over
}
int main()
{
    int n;
    scanf("%d",&n);
    land lands[n];
    for(int i=0; i<n; i++)
    {
        scanf("%d %d %d %d %d
    }
    int total_compensation =
    for(int i=0; i<n; i++)
    {
        for(int j=i+1; j<n; j
        {
            if(overlap(lands[
            {
                int area_over
                int cost_per_
                total_compens
            }
        }
```



8:26

8.57 KB/s 100

Coding: Attem...
jalakshmicolleges.org

Answer: (penalty regime: 0 %)

```







& a.y1 <= b.y2 && b.y1 <= a.y



1,b.x1);
a.y1,b.y1);









x1,&lands[i].y1,&lands[i].x2,&






)

p_area(lands[i],lands[j]);
s[i].cost + lands[j].cost) / 2
a_overlap * cost_per_unit;

```