REC-CIS



GE23131-Programming Using C-2024

Dashboard / My courses / GE23131-PUC-2024 / Week-09-Two-Dimensional and Multi-dimensional Arrays / Coding

Navigation

- **∨** Dashboard
- **A** Site home
- > Site pages
- ✓ My courses
- **∨** GE23131-PUC-2024
 - **>** Participants
- Competencies
- **H** Grades
- > General
- > Skill Test-01-MCQ & Coding
- > Lecture Notes
- > Week-01-Overview of C, Constants, Variables and Da...
- > Assessment-01-Overview of C, Constants, Variables ...
- > Week-02-Operators and Expressions, Managing Input ...

Coding



Re-attempt quiz

Attempts allowed: 4

Time limit: 1 hour 30 mins

Grading method: Highest grade

Your attempts

Attempt 1	
Status	Finished
Started	Tuesday, 24 December 2024, 10:54 AM
Completed	Tuesday, 24 December 2024, 11:23 AM
Duration	28 mins 26 secs



































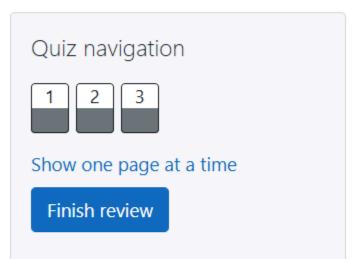






REC-CIS

GE23131-Programming Using C-2024





Question 1 Correct

Marked out of

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	A01	A 0 2
4	6	9
A10	A11	A12
2	5	8
A 2 0	A 2 1	A 2 2
1	3	7























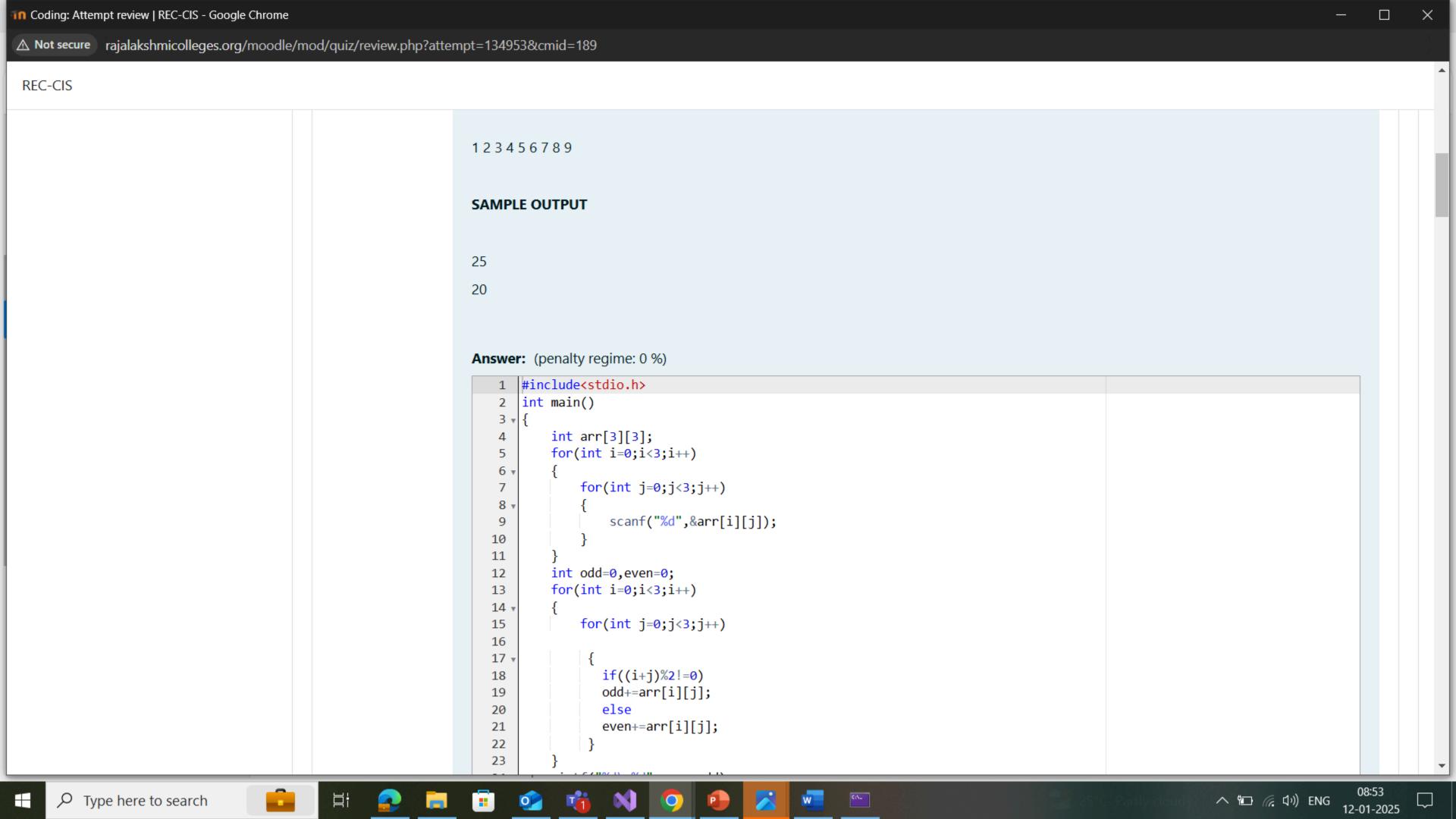


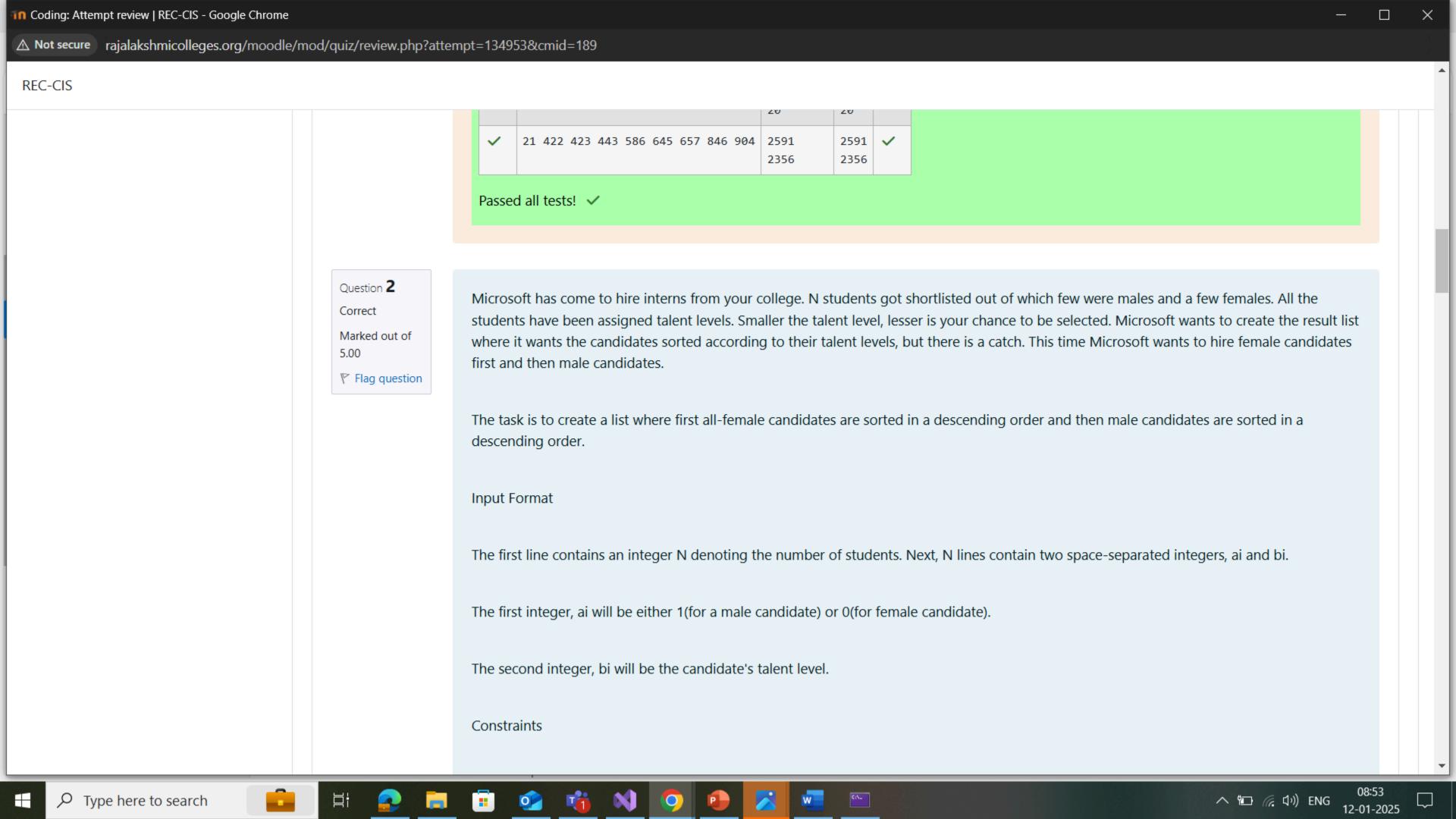


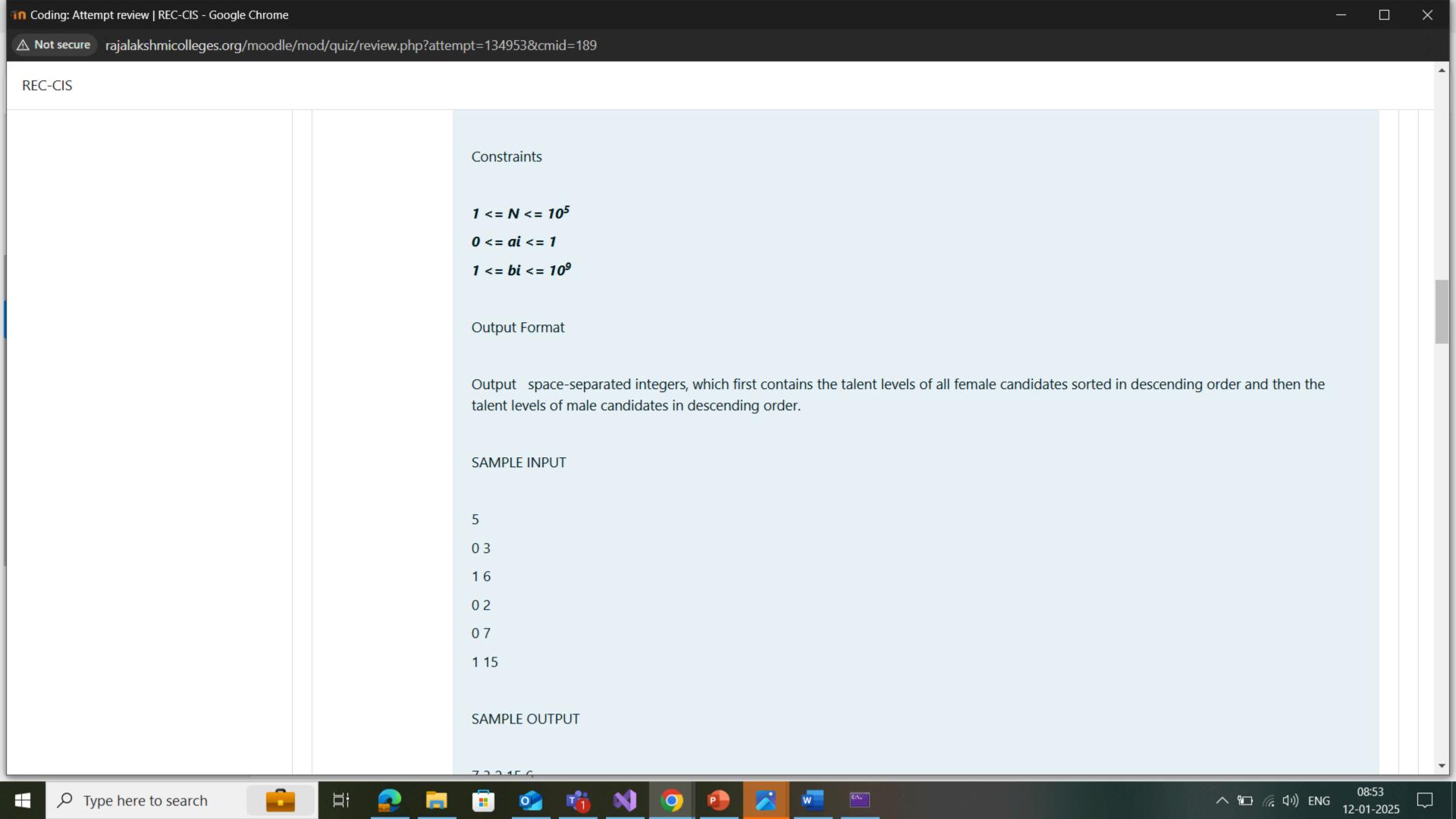


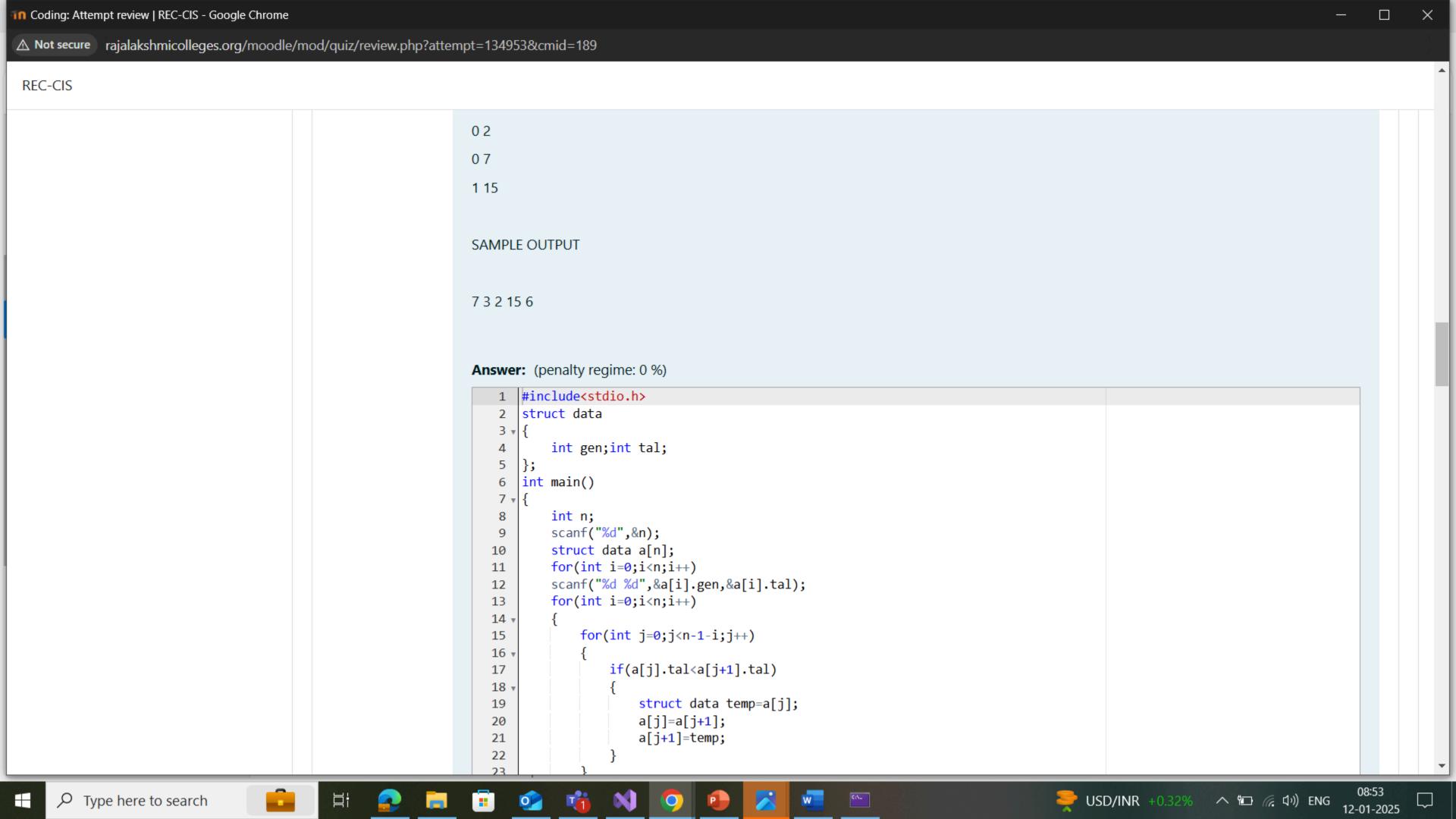


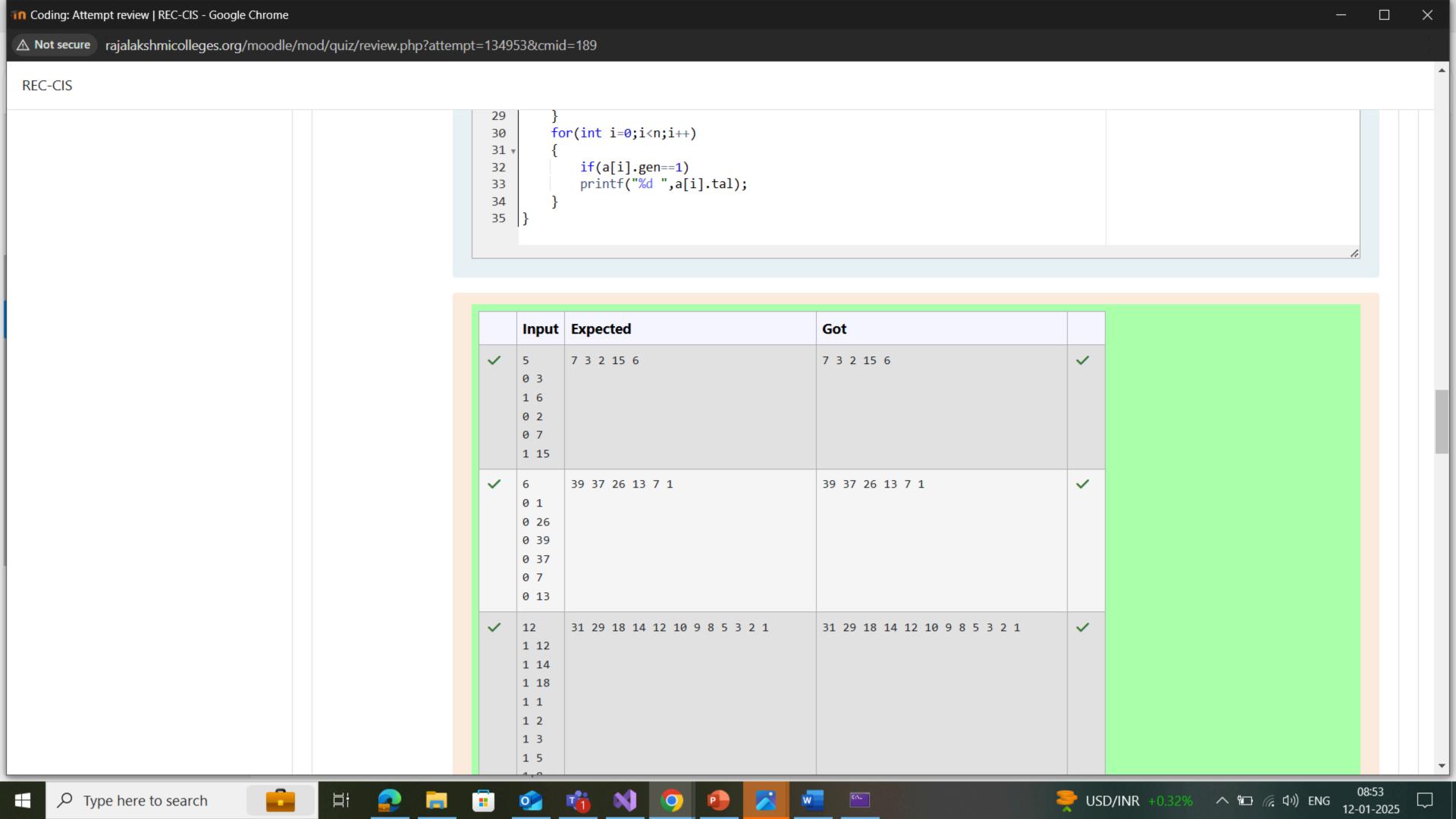


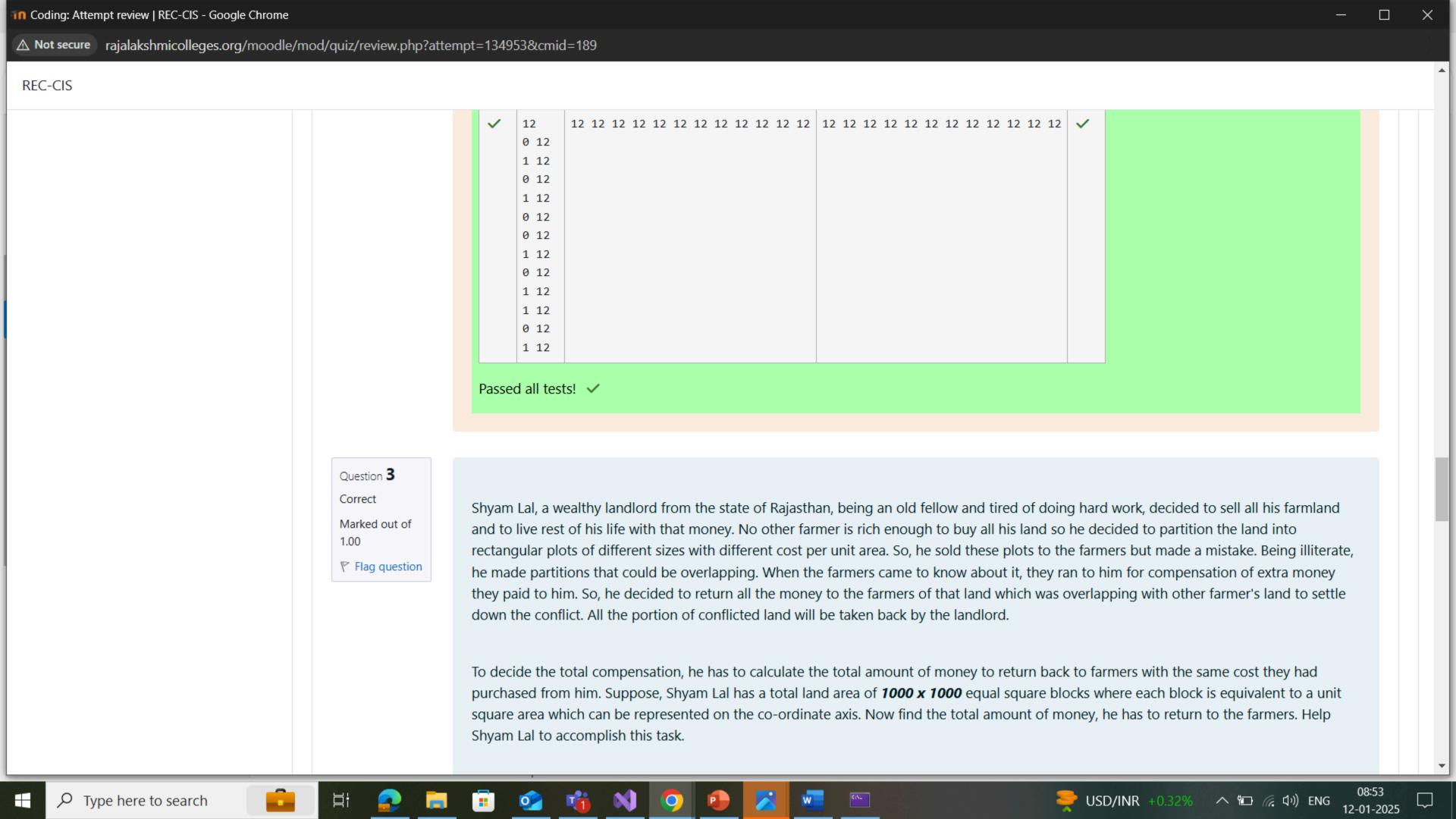


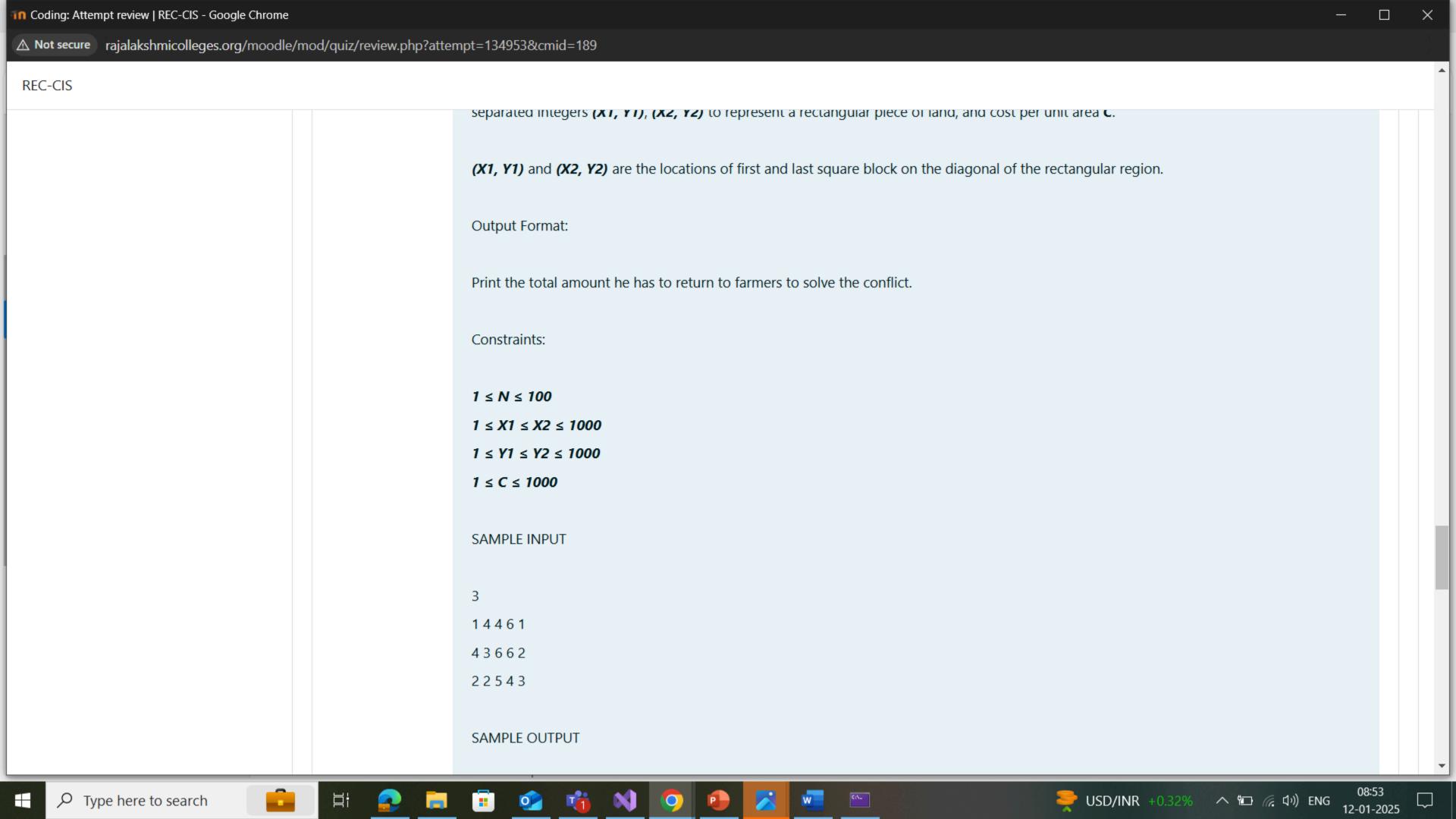




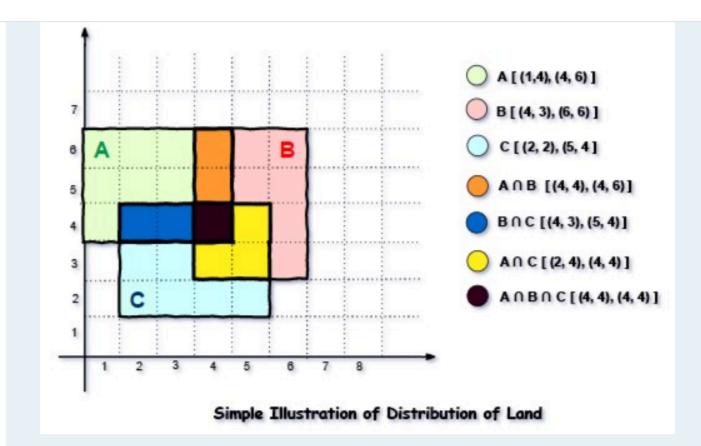








REC-CIS



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 #include<stdio.h>
- int main()



























⚠ Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=134953&cmid=189

```
REC-CIS
```

```
Answer: (penalty regime: 0 %)
    #include<stdio.h>
     int main()
 2
 3 ₹
         int i,j,n,x1,x2,y1,y2,t=0;
 4
         long long total=0;
         int arr[1001][1001]={0};
         scanf("%d",&n);
         while(n--)
 9 ,
             scanf("%d %d %d %d %d",&x1,&y1,&x2,&y2,&t);
10
             for(i=x1;i<=x2;i++)</pre>
11
12
                 for (j=y1;j<=y2;j++)</pre>
13
14
                     if(arr[i][j]==0)
15
                     arr[i][j]+=t;
16
                     else if (arr[i][j]>0)
17
18
                     arr[i][j]=(-1)*(arr[i][j]+t);
                     else if(arr[i][j]<0)</pre>
19
20
                     arr[i][j]-=t;
21
22
 23
         for(i=1;i<1001;i++)
24
25
26
             for(j=1;j<1001;j++)
27
 28
                 if(arr[i][j]<0)
                 total+=arr[i][j];
 29
 30
31
         printf("%lld\n",(-1)*total);
32
33
         return 0;
34 }
```





























