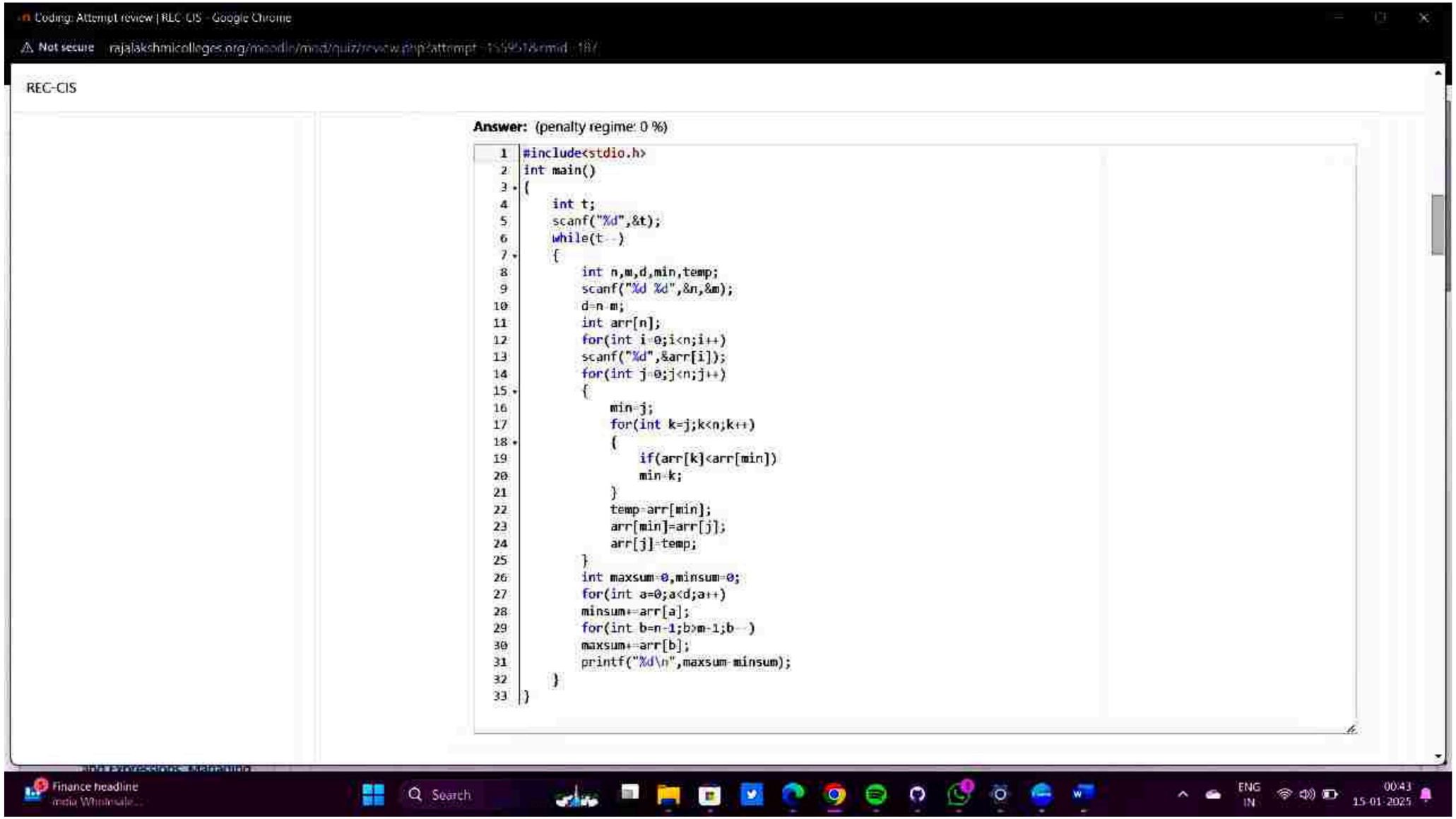
sudhanshu r 240801340 week 9



Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

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

Passed all tests! ✓

Question **3**

Correct

Shyam Lal, a wealthy landlord from the state of Rajasthan, being an old fellow and tired of doing hard work, decided to sell all his farmland

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REC-CIS

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,y1,x2,y2,t=0;
    long long total=0;
    int arr[1001][1001]={0};
    scanf("%d",&n);
    while(n--){
        scanf("%d %d %d %d %d",&x1,&y1,&x2,&y2,&t);
        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]+t);
                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;

}
```

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REC-CIS

```
29 |}
```

	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 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	31 29 18 14 12 10 9 8 5 3 2 1	✓

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Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

7 3 2 15 6

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;i++){
        for(int j=0;j<n-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);
        }
}
```

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REC-CIS

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

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REC-CIS

```
        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! ✓

Finish review

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