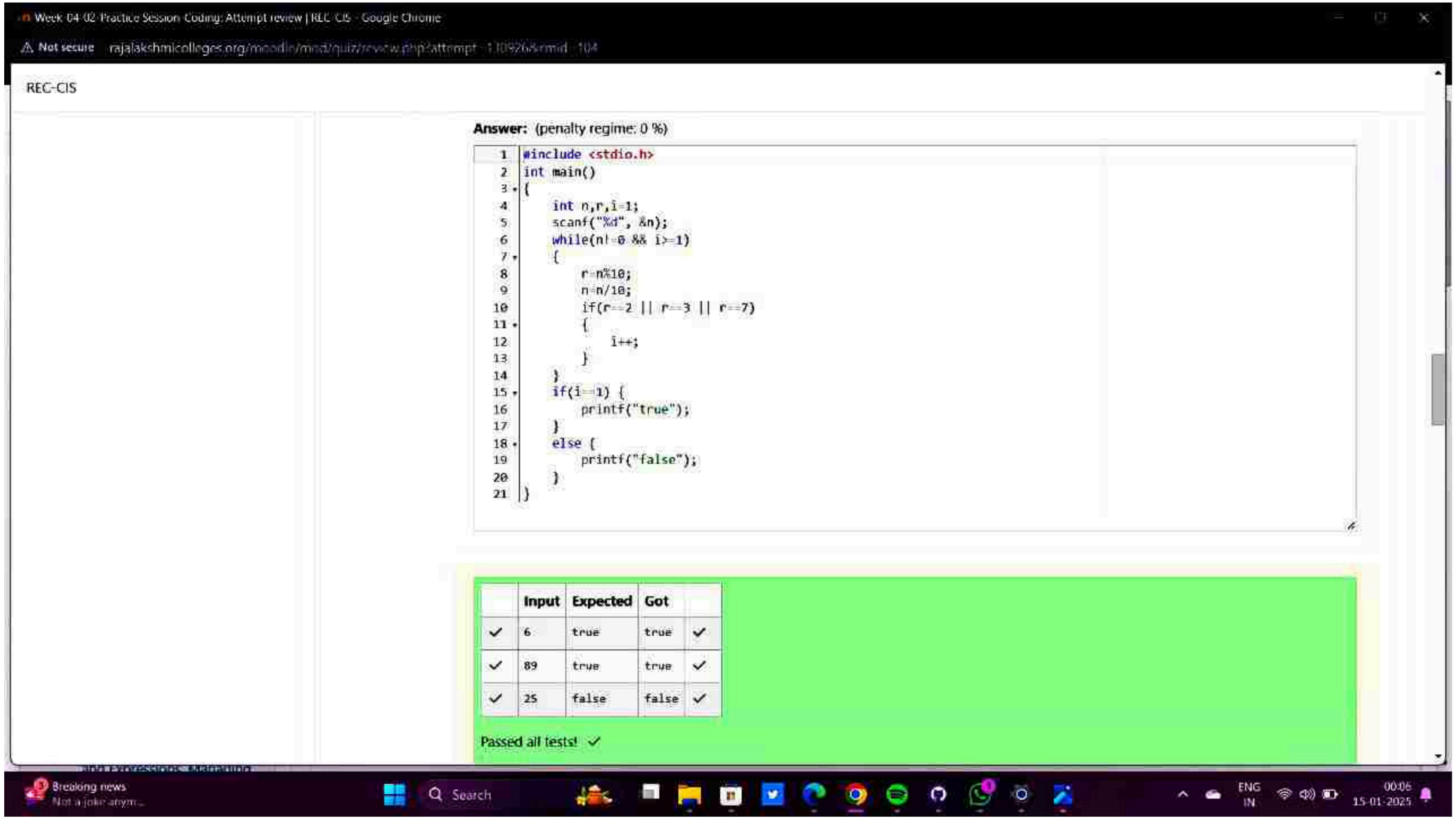
sudhanshu r 240801340 week 4



Week 04 01 Practice Session Coding: Attempt review | REC CIS - Google Chrome

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main()
{
    int t,r,x=0;
    scanf("%d", &t);
    for (int i=0; i<t ; i++)
    {
        scanf("%d", &r);
        x=r % 4;
        r=r/4;
        if(r%2==0)
        {
            if(x%2==1)
             {printf("Yes");}
            else
             {printf("No");}
        }
        else
        {
            if(x%2==1)
            {printf("No");}
            else
            {printf ("Yes");}
        }
        printf("\n");
    }
    return 0;


    }
```

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REC-CIS

```
            if(x%2==1)
            {printf("No");}
            else
            {printf ("Yes");}
        }
        printf("\n");
    }
    return 0;


    }
```

	Input	Expected	Got	
✓	3 1 6 7	Yes Yes No	Yes Yes No	✓

Passed all tests! ✓

Question **2**

Correct

Marked out of 5.00

Flag question

You are designing a poster which prints out numbers with a unique style applied to each of them. The styling is based on the number of closed paths or holes present in a given number.

The number of holes that each of the digits from 0 to 9 have are equal to the number of closed paths in the digit. Their values are:

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REC-CIS

```c
#include <stdio.h>
int main()
{
    int max,coin=0;
    scanf("%d", &max);
    while(max!=0)
    {
        max=max/2;
        coin++;
    }
    printf("%d",coin);
    return 0;
}
```

	Input	Expected	Got	
✓	10	4	4	✓
✓	5	3	3	✓
✓	20	5	5	✓
✓	500	9	9	✓
✓	1000	10	10	✓

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REC-CIS

```c
#include <stdio.h>
int main()
{
    long long int n,t,i,nut=0;
    scanf("%lld %lld", &n,&t);
    for(i=1;i<=n;i++)
    {
        nut+=i;
        if(nut==t)
        {
            nut-=1;
        }
    }
    printf("%lld", nut%1000000007);
}
```

	Input	Expected	Got	
✓	2 2	3	3	✓
✓	2 1	2	2	✓
✓	3 3	5	5	✓

Passed all tests! ✓

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Week 04 02 Practice Session Coding: Attempt review | REC CIS - Google Chrome

Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=1309265&cmid=104

REC-CIS

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main()
{
    int c,x=0;
    while (scanf ("%d", &x)>0){
        if(x%2==1){
            c++;}
    }
    printf("%d", c);
}
```

	Input	Expected	Got	
✓	5 10 15 20 25 30 35 40 45 50	5	5	✓

Passed all tests! ✓

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REC-CIS

Answer: (penalty regime: 0 %)

```c
#include <stdio.h>
int main()
{
    int n,h,r;
    scanf("%d", &n);
    while(n>0)
    {
        r=n%10;
        if(r==0||r==4||r==6||r==9)
        h=h+1;
        else if(r==8)
        h=h+2;
        n=n/10;
    }
    printf("%d",h);
    return 0;
}
```

	Input	Expected	Got	
✓	630	2	2	✓
✓	1288	4	4	✓

Passed all tests! ✓

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