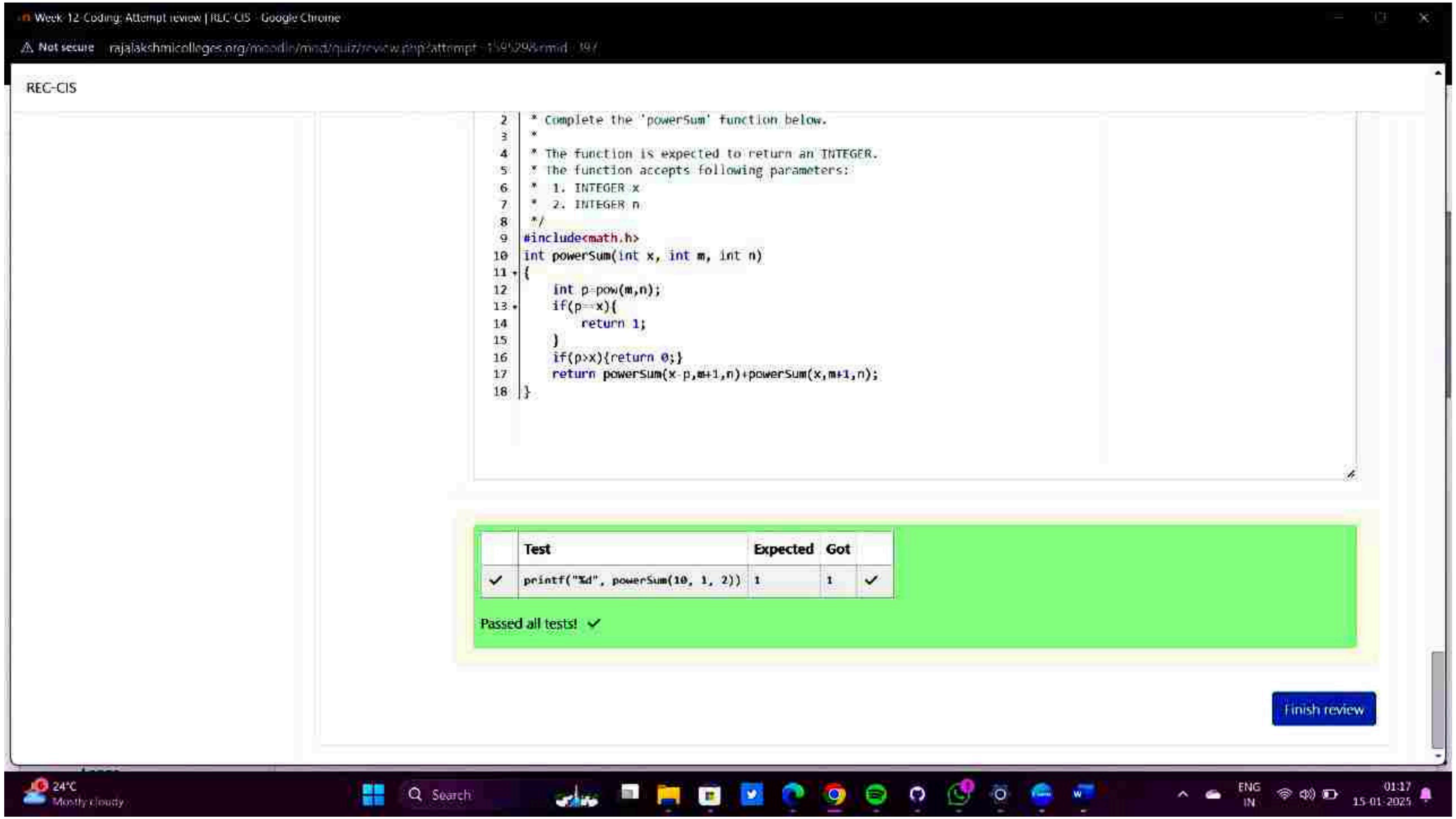
sudhanshu r 240801340 week 12



Coding: Attempt review | REC-CIS - Google Chrome

Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=595328&cmid=194

REC-CIS

```
int fourthBit(int number)
{
    int binary[32];
    int i=0;
    while(number>0){
        binary[i]=number%2;
        number/=2;
        i++;
    }
    if(i>=4){
        return binary[3];
    }
    else
    return 0;

}
```

	Test	Expected	Got	
✓	printf("%d", fourthBit(32))	0	0	✓
✓	printf("%d", fourthBit(77))	1	1	✓

Passed all tests! ✓

Question **2**

Correct

Marked out of 1.00

Flag question

Determine the factors of a number (i.e., all positive integer values that evenly divide into a number) and then return the p^{th} element of the list, sorted ascending. If there is no p^{th} element, return 0.

Example

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ENG IN

01:16 15-01-2025

Coding: Attempt review | REC-CIS - Google Chrome

Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=1595328&cmid=194

REC-CIS

```
 */

long pthFactor(long n, long p)
{
    int count=0;
    for(long i=1;i<=n;i++){
        if(n%i==0){
            count++;
            if(count==p){
                return i;
            }
        }
    }
    return 0;

}
```

	Test	Expected	Got	
✓	printf("%ld", pthFactor(10, 3))	5	5	✓
✓	printf("%ld", pthFactor(10, 5))	0	0	✓
✓	printf("%ld", pthFactor(1, 1))	1	1	✓

Passed all tests! ✓

Finish review

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Week 12 Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

```
 * The function is expected to return an INTEGER.
 * The function accepts INTEGER n as parameter.
 */

int myFunc(int n)
{
    return n==1||n%10==0;
}

```

	Test	Expected	Got	
✓	printf("%d", myFunc(1))	1	1	✓
✓	printf("%d", myFunc(2))	0	0	✓
✓	printf("%d", myFunc(10))	1	1	✓
✓	printf("%d", myFunc(25))	0	0	✓
✓	printf("%d", myFunc(200))	1	1	✓

Passed all tests! ✓

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