

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

Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=163127&cmid=397

REC-CIS

Reset answer

```
1 /*
2  * Complete the 'powerSum' function below.
3  *
4  * The function is expected to return an INTEGER.
5  * The function accepts following parameters:
6  * 1. INTEGER x
7  * 2. INTEGER n
8  */
9
10 int powerSum(int x, int m, int n)
11 {
12     int power = m;
13     for(int i=1;i<n;i++){
14         power*=m;
15     }
16     if(power > x){
17         return 0;
18     }
19     if(power == x){
20         return 1;
21     }
22     return powerSum(x-power,m+1,n) + powerSum(x,m+1,n);
23 }
```

Test	Expected	Got	
✓ printf("%d", powerSum(10, 1, 2))	1	1	✓

Passed all tests! ✓

Finish review

Windows taskbar: Search, File Explorer, Edge, Chrome, VS Code, Word, PowerPoint, Settings, Network, ENG IN, 9:13 PM 1/15/2025

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REC-CIS

Reset answer

```
1 /*
2  * Complete the 'myFunc' function below.
3  *
4  * The function is expected to return an INTEGER.
5  * The function accepts INTEGER n as parameter.
6  */
7
8 int myFunc(int n)
9 {
10     return n%10==0 || n==1;
11 }
12
```

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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Coding: Attempt review | REC-CIS - Google Chrome

Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=142142&cmid=194

REC-CIS

Answer: (penalty regime: 0 %)

Reset answer

```
1 /*
2  * Complete the 'fourthBit' function below.
3  *
4  * The function is expected to return an INTEGER.
5  * The function accepts INTEGER number as parameter.
6  */
7
8 int fourthBit(int number)
9 {
10     int binary[32];
11     int i=0;
12     while(number>0){
13         binary[i]=number%2;
14         number/=2;
15         i++;
16     }
17     if(i>=4){
18         return binary[3];
19     }
20     else
21     return 0;
22 }
```

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

Passed all tests! ✓

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Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=142142&cmid=194

REC-CIS

Reset answer

```
1 /*
2  * Complete the 'pthFactor' function below.
3  *
4  * The function is expected to return a LONG_INTEGER.
5  * The function accepts following parameters:
6  * 1. LONG_INTEGER n
7  * 2. LONG_INTEGER p
8  */
9
10 long pthFactor(long n, long p)
11 {
12     int count=0;
13     for(long i=1;i<=n;i++){
14         if(n%i==0){
15             count++;
16             if(count==p){
17                 return i;
18             }
19         }
20     }
21     return 0;
22 }
```

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! ✓

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