Dashbo... / My cour... / CS23331-DAA-2023-... / Finding Time Complexity of Algorit... / Problem 3: Finding Complexity using Counter Me...

Started on	Tuesday, 20 August 2024, 2:00 PM
State	Finished
Completed on	Tuesday, 20 August 2024, 2:29 PM
Time taken	28 mins 43 secs
Marks	1.00/1.00
Grade	<b>10.00</b> out of 10.00 ( <b>100</b> %)

```
Question 1
Correct
Mark 1.00 out of 1.00
```

## **Answer:**

```
#include<stdio.h>
 3 ▼ int factor(int num){
 4
 5
      int count=0;
 6
 7
      for(int i=1; i<=num; ++i){</pre>
 8
 9
        count++;
10
11
        count++;
12
13
        if(num%i==0){
14
15
          //print("%d",i);//
16
17
           count++;
18
19
         }
20
21
      }
22
23
      count++;
24
25
      return count;
26
27
28
29 v int main(){
30
31
      int n;
32
33
      scanf("%d",&n);
34
      printf("%d",factor(n));
35
36
37
38
39
40
41
42
```

	Input	Expected	Got	
~	12	31	31	~
~	25	54	54	~
~	4	12	12	~

Passed all tests! 🗸

Correct

Marks for this submission: 1.00/1.00.

▼ Problem 2: Finding Complexity using Counter method

Jump to...

Problem 4: Finding Complexity using Counter Method ►