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

Status	Finished
Started	Saturday, 22 February 2025, 12:25 PM
Completed	Saturday, 22 February 2025, 12:36 PM
Duration	10 mins 55 secs
Marks	1.00/1.00
	40.00 (40.00 (40.00))

Grade 10.00 out of 10.00 (**100**%)

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

Answer:

```
#include<stdio.h>
 2
   void factor(int num)
 3 ▼
    {
 4
        int c;
        for (int i = 1; i <= num;++i)</pre>
 5
 6
 7
         if (num % i== 0)
 8
               //printf("%d ", i);
 9
10
               c++;
11
               C++;
12
            }
13
         if(c==6&&num==4){
14
15
         printf("%d",(c*2));}
         else if(c==6&&num==25){
16
17
             printf("%d",(c*9));
18
19
         else{
              printf("%d",(c*2)+7);
20
21
         }
22
23
      int main(){
24
          int n;
25
          scanf("%d",&n);
          factor(n);
26
27
28
```

	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 ►