Dashbo... / My cour... / CS23331-DAA-2023-... / Finding Time Complexity of Algorit... / Problem 4: Finding Complexity using Counter Me...

Started on	Friday, 9 August 2024, 2:27 PM
State	Finished
Completed on	Friday, 9 August 2024, 2:37 PM
Time taken	10 mins 9 secs
Marks	1.00/1.00
Grade	10.00 out of 10.00 (100 %)

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

Answer:

```
#include<stdio.h>
 2
   void function(int n)
 3 ₹ {
 4
         int c1=0;
 5
 6
         int c= 0;
 7
         for(int i=n/2; i<n; i++)</pre>
 8
 9
10
             c1++;
11
             for(int j=1; j<n; j = 2 * j)</pre>
12
13
             {
14
                 c1++;
15
                 for(int k=1; k<n; k = k * 2)
16
17
18
                     c1++;
19
                     c++;
20
                     c1++;
21
22
                 c1++;
23
             }c1++;
24
         }c1++;
         printf("%d",c1);
25
26
    }
27
28 v int main(){
29
         int n;
30
         scanf("%d",&n);
31
         function(n);
32 }
```

	Input	Expected	Got	
~	4	30	30	~
~	10	212	212	~

Passed all tests! 🗸

Correct

Marks for this submission: 1.00/1.00.

▼ Problem 3: Finding Complexity using Counter Method

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Problem 5: Finding Complexity using counter method ►