<u>Dashboard</u> / <u>My courses</u> / <u>CS23331-DAA-2023-CSE</u> / <u>Finding Time Complexity of Algorithms</u> / <u>Problem 3: Finding Complexity using Counter Method</u>

Started on Friday, 9 August 2024, 2:24 PM

State Finished

Completed on Friday, 9 August 2024, 2:30 PM

Time taken 5 mins 51 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:

Print the value of the counter variable

```
include<stdio.h>
 2
      int main()
 3
 4
 5
           int num, c=0;
          scanf("%d",&num);
for (int i = 1; i <= num;++i)</pre>
 6
 7
 8
 9
10
               if (num \% i == 0)
11
12
13
                   C++;
               }
14
15
               C++;
16
17
```

```
18 printf("%d",c);
19 }
```

	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

Problem 4: Finding Complexity using Counter Method ▶