





Dashboard My courses

CS23331-DAA-2024-CSE / Problem 3: Finding Complexity using Counter Method

Problem 3: Finding Complexity using Counter Method

Started on	Tuesday, 30 September 2025, 12:32 PM
State	Finished
Completed on	Tuesday, 30 September 2025, 12:36 PM
Time taken	3 mins 39 secs
Marks	1.00/1.00
Grade	10.00 out of 10.00 (100 %)


```
Convert the following algorithm into a program and find its time complexity using counter method.
Factor(num) {
   for (i = 1; i <= num; ++i)
    if (num % i== 0)
         printf("%d ", i);
```

Note: No need of counter increment for declarations and scanf() and counter variable printf() statement.

Input:

A positive Integer n

Output:

Print the value of the counter variable

Answer:

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

Passed all tests! 🗸

Correct

Marks for this submission: 1.00/1.00.

Finish review

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Data retention summary