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Number of factors

Difficulty: Easy Accuracy: 50.86% Submissions: 22K+ Points: 2

Find the number of factors for a given integer n .

Examples:

Input: $n = 5$
Output: 2
Explanation: 5 has 2 factors 1 and 5

Input: $n = 25$
Output: 3
Explanation: 25 has 3 factors 1, 5, 25

Constraints:
 $1 \leq n \leq 10^5$

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Expected Complexities

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```
1 class Solution:
2     def countFactors (self, n):
3         count=1
4         for i in range (n//2,0,-1):
5             if n % i == 0:
6                 count +=1
7         return count
```