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Python3 ▾

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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:

 $1 \leq n \leq 10^5$ [Try more examples](#)

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
```

