Problem Editorial Submissions Comments

All divisors of a Number

Difficulty: **Easy** Accuracy: **46.73%** Submissions: **100K+** Points: **2** Average Time: **10m**

Given an integer **n,** print all the divisors of N in the **ascending** order.

Examples:

Input : n = 20
Output: 1 2 4 5 10 20
Explanation: 20 is completely divisible by 1, 2, 4, 5, 10 and 20.

Input: n = 21191
Output: 1 21191
Explanation: As 21191 is a prime number, it has only 2 factors(1 and the number itself).

Constraints:
$1 \leq n \leq 10^9$

Try more examples

Expected Complexities

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```python
#User function Template for python3

class Solution:
    def print_divisors(self, N):
        # code here
        for i in range (1,N//2 +1):
            if N % i ==0:
                print(i,end=' ')
        print (N)
```