You are given two positive integers n and k. A factor of an integer n is defined as an integer i where n % i == 0.

Consider a list of all factors of n sorted in **ascending order**, return *the* kth *factor* in this list or return -1 if n has less than k factors.

**Example 1:**

Input: n = 12, k = 3  
Output: 3  
Explanation: Factors list is [1, 2, 3, 4, 6, 12], the 3rd factor is 3.

**Example 2:**

Input: n = 7, k = 2  
Output: 7  
Explanation: Factors list is [1, 7], the 2nd factor is 7.

**Example 3:**

Input: n = 4, k = 4  
Output: -1  
Explanation: Factors list is [1, 2, 4], there is only 3 factors. We should return -1.

**Constraints:**

* 1 <= k <= n <= 1000

**Follow up:**

Could you solve this problem in less than O(n) complexity?