Factor

ZPRAC-16-17-Lab4

[20 points]

After getting bored by the not so good method of learning languages, Kriti decides to teach mathematics. Her greatest joy is when students ask her questions/doubts. One student asked her about the number of ways an integer K can be written as product of two numbers a and b. Kriti says she has guided you enough to write computer programs to do that. Is she right?

Question starts:

You are given an **integer** K

$1 \leq K \leq 1000$

You have to print all distinct pairs of positive numbers (a,b) which when multiplied produce K.

Note that (a,b) and (b,a) with $a \neq b$ are different.

Example:

INPUT:
14
OUTPUT:
1 14
2 7
7 2
14 1