

# The Dilemma Of Judges

Input file:            `standard input`  
Output file:          `standard output`  
Time limit:           1 second  
Memory limit:        256 megabytes

*You*, *Steven*, *Ziad* and *Mazen* are the judges of this year's prestigious *Level 1 Contest*. Each one of you has spent countless hours to ensure that the contest is of the highest quality possible. Your standards are sky-high so you pick only the best of questions to be part of the contest.

One day, *Ziad* came across a problem which he thought was interesting enough to be in the contest. He proposed it to all of you and not everyone was on the same page regarding this problem. So, you decided to hold a vote on whether this problem should be included in the contest or not.

*Steven* and *Mazen* solved the problem and thought that it was too hard to be included in the contest. So, their vote was to get rid of the question. *Ziad* — being the one who proposed the problem in the first place — thinks that the trainees will be able to solve it with ease.

It is now your turn to cast your vote. If you choose that the problem is not suitable for such a contest, it will get thrown out. If you think that it's good enough then the vote will end in a tie, leaving matters up for *Zezo* to decide since the judges were unable to reach a decision.

But first, to cast your vote, you need to solve the problem. It goes as follows:

Given a number  $n$  find the number of pairs of positive integers  $(a, b)$  where  $a \cdot b \leq n$ .

## Input

The only input is the number  $n$  ( $1 \leq n \leq 10^4$ ).

## Output

Print the number of pairs satisfying the problem.

## Example

| standard input | standard output |
|----------------|-----------------|
| 2              | 3               |

## Note

The three pairs are  $(1, 1)$ ,  $(1, 2)$ ,  $(2, 1)$ .