Problem

Alice has a **positive** integer N. She is wondering how many ordered pairs of **positive** integers (i, j) exist such that $i + j = N$.

Help Alice figure out the answer.

Note that since the pairs are ordered, $(1, 2)$ and $(2, 1)$ are considered different.

Input Format

The first and only line of input contains a single integer N.

Output Format

Print a single integer, the number of ordered pairs of positive integers (i, j) such that $i + j = N$.

Constraints

- $1 \leq N \leq 100$

Sample 1:

Input	Output
1	0

Explanation:

As both integers must be positive, the minimum sum must be $1 + 1 = 2$. Therefore there are no pairs of positive integers adding up to 1.

Sample 2:

Input	Output
2	1

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