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CONTESTS



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# A. Calculating Function

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**PROBLEMSET** 

time limit per test: 1 second memory limit per test: 256 megabytes input: standard input output: standard output

For a positive integer n let's define a function f:

$$f(n) = -1 + 2 - 3 + .. + (-1)^n n$$

Your task is to calculate f(n) for a given integer n.

## Input

The single line contains the positive integer n ( $1 \le n \le 10^{15}$ ).

## **Output**

Print f(n) in a single line.

#### **Examples**

input	Сору
4	
output	Сору
2	
input	Сору
5	
output	Сору
_2	

#### Note

$$f(4) = -1 + 2 - 3 + 4 = 2$$

$$f(5) = -1 + 2 - 3 + 4 - 5 = -3$$

### Codeforces Round #277 (Div. 2)

# **Finished**

## → Virtual participation

DELTIX ROUNDS 2021 🗶

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Start virtual contest

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# → Contest materials

- Announcement (en)
- Tutorial (en)

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