



Qanbar arrangement

After the Qanbar problem was solved in the third grade, he came to higher years and became familiar with natural numbers. He didn't like their arrangement and decided to arrange these numbers himself from the beginning and since he wanted too many natural numbers, he arranged only the first n .

in such a way that first he writes all the odd numbers and then all the even numbers (from small to large)

But he is confused and wants to know what number is placed in the kam hall for big numbers.

Input

The input contains only one line where two natural numbers n and k separated by distance.

$$1 \leq k \leq n \leq 10^{12}$$

Output

You must print a number that will be the number after applying the Qanbar method.



▼ Questions

- 100 ?How overweight are you
- 100 Nasser in line
- 100 Hundreds are tired
- 100 **Qanbar arrangement**
- 150 Rick and Qoli
- 150): I'm thirsty
- 250 Genghis misses

All submissions

Final submissions

Scoreboard

Sample input 1

10 3

Sample output 1

5

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