



✓ RecursionPath04 - Bunny Ears 2

Java May'19 DSA Recursion 1 - 2 days 14:50:35

We have bunnies standing in a line, numbered 1, 2, ... The odd bunnies (1, 3, ..) have the normal 2 ears.

The even bunnies (2, 4, ..) we'll say have 3 ears, because they each have a raised foot. Recursively return the number of "ears" in the bunny line 1, 2, ... n (without loops or multiplication).

[Submit solution](#)

Input

On the first line you will be given the number of bunnies.

Output

On the only output line you should print the number of their ears.

Sample tests

Input

1

[Copy](#)

Output

2

[Copy](#)

Input

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(partial)

⌚ Time limit: 0.5s**📄 Memory limit:**

64M

✍ Author:[stelyan](#)**🏷 Tags**

Recursion

⬆ Difficulty

Easy

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Output

7

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? Clarifications

No clarifications have been made at this time.