






Kattis




KATTIS



























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Problems

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# Problems

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<a href="#">Velkomin!</a>	 Not Attempted	0.00	4	12498	7029	56%	 1.1 Easy	<a href="#">en</a> <a href="#">is</a> 
<a href="#">Hello World!</a>	 Accepted	0.00	7	230165	121708	53%	 1.1 Easy	<a href="#">en</a> 
<a href="#">Leggja saman</a>	 Not Attempted	0.00	10	8812	4302	49%	 1.2 Easy	<a href="#">en</a> <a href="#">is</a> 
<a href="#">Framtíðar FIFA</a>	 Not Attempted	0.00	10	4973	2743	55%	 1.2 Easy	<a href="#">en</a> <a href="#">is</a> 
<a href="#">Viðsnúningur</a>	 Not Attempted	0.00	2	5870	2936	50%	 1.2 Easy	<a href="#">en</a> <a href="#">is</a> 
<a href="#">Á leið í bío</a>	 Not Attempted	0.00	10	2648	1694	64%	 1.2 Easy	<a href="#">en</a> <a href="#">is</a> 

# Take Two Stones

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Alice and Bob are playing a new game of stones. There are  $N$  stones placed on the ground, forming a sequence. The stones are labeled from 1 to  $N$ .

Alice and Bob in turns take exactly two consecutive stones on the ground until there are no consecutive stones on the ground. That is, each player can take stone  $i$  and stone  $i + 1$ , where  $1 \leq i \leq N - 1$ . If the number of stone left is odd, Alice wins. Otherwise, Bob wins.

Assume both Alice and Bob play optimally and Alice plays first, do you know who the winner is?

## Input

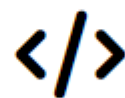
The input contains an integer  $N$  ( $1 \leq N \leq 10\,000\,000$ ), the number of stones.

## Output

Output the winner, "Alice" or "Bob" (without the quotes), on a line.

Sample Input 1

Sample Output 1

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Select your programming language of choice and start writing your code.

Python 3

Start coding



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# Suggested problems

- Echo Echo Echo
- Leggja saman
- Á leið í bíó (aleidibio)