Take Two Stones

Problem ID: twostones
CPU Time limit: 1 second
Memory limit: 1024 MB
Difficulty: 1.2

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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

```
1
```

Sample Output 1

```
Alice
```

Sample Input 2

```
2
```

Sample Output 2

```
Bob
```

Sample Input 3

```
5
```

Sample Output 3

```
Alice
```