

Problem statement[Send feedback](#)

Given the count of total stones in a game. Two-player 'Ale' and 'Bob' are playing the game. Your task is to find who will win the game if both the players are playing optimally.

Rules of the game.

1. In a single turn, a player can choose a single stone or 'even' number of stones.
2. They will play alternatively, which means in the first chance 'Ale' will collect the stones, in second-chance 'Bob' will collect the stones. And always 'Ale' will start the game.
3. If any player is not able to take any stones then another player will win the game.

Detailed explanation (Input/output format, Notes, Images)**Constraints:**

$1 \leq T \leq 10^5$

$1 \leq \text{number of stones} \leq 10^9$

Where 'T' is the total number of test cases.

Time limit: 1 second

Sample Input 1:

2
2
3

Sample Output 1:

Ale
Bob

Explanation of sample input 1:

Test Case 1:

Given the number of stones is '2'.

Then first player 'Ale' can choose both the stones because 2 is an even number.

So 'Ale' will the game.

Return 'Ale'.

Test Case 2:

Given the number of stones is '3'.

In the first turn 'Ale' can choose '1' stone or '2' store, but not '3' stone because '3' is neither '1' or even number.

If 'Ale' chooses '1' in the first turn. Then in the second turn, 'Bob' will collect the remaining '2' stone, so 'Bob' will win.

If 'Ale' chooses '2' stones in the first turn. Then in the second turn, 'Bob' will collect the remaining '1' stone, again 'Bob' will win the game.

So in both cases 'Bob' is winning the game. Hence Return 'Bob'.

Sample Input 2:

2
4
6

Sample Output 2:

Ale

Ale