

# Even Odd Problem

Alice and Bob are playing an interesting game. A basket contains **N** balls. In each turn one removes some balls (which is less than N and greater than 0) from the basket. If Alice removes even-number balls then Bob must remove odd-number balls and vice-versa. The winner is who plays the last turn and makes the basket empty. The game is tie when it is impossible to make the basket empty.

Assume both players play optimally. Here optimally means a player plays in a way so that the opponent player does not win.

Note: Alice starts game first.

## Input

Input starts with an integer **T** ( $\leq 100$ ), denoting the number of test cases.

Each case contains an integer **N** ( $1 \leq N \leq 1000$ ).

## Output

For each case, print the case number and "Alice" if Alice wins or "Bob" if Bob wins or "Tie" in case of game is tie.

### Sample Input

2

3

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### Output for Sample Input

Case 1: Bob

Case 2: Alice

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