

It's New Year's Day, and Balsa and Koca are stuck inside watching the rain. They decide to invent a game, the rules for which are described below.

Given array  $a$  containing  $n$  integers, they take turns making a single move. *Balsa always moves first, and both players are moving optimally (playing to win and making no mistakes).*

During each move, the current player chooses one element from  $a$ , adds it to their own score, and deletes the element from  $a$ ; because the size of  $a$  decreases by  $1$  after each move,  $a$ 's size will be  $0$  after  $n$  moves and the game ends (as all elements were deleted from  $a$ ). We refer to Balsa's score as  $S_b$  and Koca's score as  $S_k$ . Koca wins the game if  $|S_b - S_k|$  is divisible by  $3$ ; otherwise Balsa wins.

Given  $a$ , determine the winner.

**Note:**  $S_b + S_k = a_0 + a_1 + \dots + a_{n-2} + a_{n-1}$ .

### Input Format

The first line contains an integer,  $T$ , denoting the number of test cases.  
Each test case is comprised of two lines; the first line has an integer  $n$ , and the second line has  $n$  space-separated integers  $a_0, a_1, \dots, a_{n-2}, a_{n-1}$  describing array  $a$ .

### Constraints

$1 \leq T \leq 100$

$1 \leq a_i \leq 2000$

$1 \leq n \leq 2000$

### Subtasks

For 50% score:  $1 \leq n \leq 200$   
For 100% score:  $1 \leq n \leq 2000$

### Output Format

For each test case, print the winner's name on a single line; if Balsa wins print **Balsa**, otherwise print **Koca**.

### Sample Input

```
2
3
7 6 18
1
3
```

### Sample Output

```
Balsa
```

## Explanation

### Test Case 1

Array  $a = \{7, 6, 18\}$ . The possible play scenarios are:

1.  $S_b = 13, S_k = 18, |S_b - S_k| = 5$ , and  $5 \% 3 \neq 0$ .
2.  $S_b = 24, S_k = 7, |S_b - S_k| = 17$ , and  $17 \% 3 \neq 0$ .
3.  $S_b = 25, S_k = 6, |S_b - S_k| = 19$ , and  $19 \% 3 \neq 0$ .

In this case, it doesn't matter what Balsa chooses because the difference between their scores isn't divisible by **3**. Thus, Balsa wins.

### Test Case 2

Array  $a = \{3\}$ . Balsa must choose that element, the first move ends the game.

$S_b = 3, S_k = 0, |S_b - S_k| = 3$ , and  $3 \% 3 = 0$ . Thus, Koca wins.