

PROBLEM STATEMENT-

Logging can be a very mundane job, but Alice and Bob have devised a game to help them pass the time. They take turns choosing a log, and cutting it into 2 smaller logs. The sum of the lengths of the 2 logs equals the length of the original log. The only restriction is that neither of the resulting logs may be shorter than 1 meter in length (but exactly 1 meter is fine). In other words, non-integer lengths are allowed. Alice makes the first cut, and the first logger who cannot make a legal cut loses.

Input

Input begins with an integer T , the number of test cases (less than 450). T test cases follow, each on its own line. Each test case begins with an integer N , the number of logs at the start of the game. N integers follow, giving the initial lengths of the logs. There are at most 7 logs, and the total length of the logs will not exceed 250 meters. Note that the initial lengths of the logs are integers, but logs may be cut to non-integer lengths.

Output

For each test case, output a single line containing the name of the winner of the game, assuming both loggers choose their cuts optimally.

Sample Inputs-

```
3
1 2
2 3 4
3 7 8 9
```

Sample Outputs-

```
Alice
Alice
Bob
```