Stepping Stones Game

Bob sees his younger brother, Jack, playing **Stepping Stones**. He is fascinated by the most interesting game and decides to play it.

Square boxes have been made on the ground with the help of chalk powder, and a number is assigned to each block. Bob is standing in front of these blocks. From here, he will throw a stone 1 block far, move to that block; pick up the stone and then he will throw the stone two blocks far from here, move to that block; pick up the stone, and throw the stone three blocks far from here, move to that block, and so on. **What's the catch of the game??**. The catch of the game is to check if it is possible to reach N^{th} block in this manner.

Bob is a bit lazy. He will make a move only if he is sure that he can reach the N^{th} block. So, tell him if he should make a move or not?

Input Format
First line of input contains an integer T denoting the number of times Bob plays this game. Each of the next T lines contains a single integer N denoting the N^{th} block.

Output Format
Output consists of several lines as per the following criteria: If bob is able to reach N^{th} block, then print `Go On Bob` with the number of moves required to reach to the N^{th} block **both separated by a space**. If Bob is not able to reach the N^{th} block, then print `Better Luck Next Time`.

Constraints

$1 \leq T \leq 10^5$
$1 \leq N \leq 10^{18}$

Sample Input #00:

```
1
2
```

Sample Output #00:

```
Better Luck Next Time
```

Explanation: #00:

Bob can jump to the 1^{st} Block. From here, he is allowed to make a move to the 3^{rd} Block only. So,he cannot step onto 2^{nd} Block.

Sample Input #01:

```
1
3
```

Sample Output #01:

```
Go On Bob 2
```

Explanation: #01:

As explained in the previous test case, Bob can make a second move to reach to the 3^{rd} Block. So, he can step on 3^{rd} block in just 2 moves.