Bert Game on Bus

After Bert won an onsite round of a programming contest in Japan, he took a bus to return to his hotel, with Kengood, who solve nothing in that contest. The fee of the bus was 220 yen. They decided to play the following game because they got bored in the bus.

- Initially, there is a pile that contains x 100-yen coins and y 10-yen coins.
- They take turns alternatively. Bert takes the first turn.
- In each turn, they must take exactly 220 yen from the pile. In Bert's turn, if there are multiple ways to take 220 yen, he will choose the way that contains the maximal number of 100-yen coins. In Kengood's turn, if there are multiple ways to take 220 yen, he will choose the way that contains the maximal number of 10-yen coins.
- If Bert or Kengood can't take exactly 220 yen from the pile, he loses.

Determine the winner of the game.

Input

The first line contains two integers x ($0 \le x \le 10^6$) and y ($0 \le y \le 10^6$), separated by a single space.

Output

If Bert wins, print "`Bert`". Otherwise, print "`Kengood`".

Sample test(s)

input

```
2 2
3 22
```

output

```
Bert
Kengood
```

Note

In the first turn (Bert's turn), he will choose 2 100-yen coins and 2 10-yen coins. In the second turn (Kengood's turn), he will choose 1 100-yen coin and 12 10-yen coins. In the third turn (Bert's turn), he can't pay exactly 220 yen, so Bert will lose.