MCIPC Contest 1 P2 - Infinite Chessboard

Time limit: 1.0s **Memory limit:** 256M

Peter is playing chess. However, he isn't playing any ordinary game of chess, he is playing infinite chess! In infinite chess the board is just like a normal chessboard, only infinite.

Each square has its own coordinate which is defined by R and C, where R is how many rows down it is from the top, and C is how many columns it is from the left.

Furthermore, each square is either black or white. The top left square at row 1 column 1 has a colour of white. In a chessboard (and an infinite chessboard) the board's colours are ordered in a checkered pattern, that is a white square will only neighbour black squares, and a black square will only neighbour white squares.

Peter has a piece at a certain position, he wants to know if that piece is on a white square or a black square. Can you help him?

Constraints

$1 \leq R, C \leq 10^{18}$

Input Specification

The first and only line of input will contain two integers R and C separated by a space.

Output Specification

Output either `black` or `white` depending on if the square the piece is on is black or white.

Sample Input 1

```
1 1
```

Sample Output 1

```
white
```

Sample Input 2

```
3 4
```

Sample Output 2

```
black
```