# KINGDOM

Julius Ceaser is growing old day by day so he decided to distribute his kingdom between his two children. For this the king called his minister Brutus to calculate the area of his kingdom. after the kingdom was measured the data showed k units.

Ceaser is a great fan of even numbers that's why he wants to divide the kingdom in such a way that each of the two parts measures even number of units. Ceaser has grown old and want to divide kingdom as soon as possible, that's why you should help him and find out, if he can divide the kingdon in the way he wants.

## Input

A set of input contains a single integer k(1<=k<=10^6). the input ends by a **0** at the end.

## Output

Print "YES OLDIE", if he can divide the kingdom into two parts, each of them measruing even number of units and "NO KING" in the opposite case (without inverted comma).

## Example

**Input:**
8
0

**Output:**
YES OLDIE