

## **Play with Parity**

There are 2 integers L and R. Let X be the number we get by xoring all numbers in the range [L, R] (including L and R). You recently learnt about even and odd numbers and wonders what will be the parity on X.

### **Input Format:**

First line contains 2 integers L and R

### **Output Format:**

Print "even" if the number X is even else print "odd" without the quotes.

### **Constraints:**

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

Sample Input	Sample Output
3 5	even

Here L is 3 and R is 5

Now  $X = (3 \oplus 4 \oplus 5)$  where '^' represents bitwise xor.

$X = 2$ .

Since X is even, the output is "even".