



HOME TOP CONTESTS GYM PROBLEMSET GROUPS RATING API HELP CALENDAR

PROBLEMS SUBMIT STATUS STANDINGS CUSTOM TEST

A. Parity

time limit per test: 1 second memory limit per test: 256 megabytes input: standard input output: standard output

You are given an integer n ($n \geq 0$) represented with k digits in base (radix) b. So,

$$n = a_1 \cdot b^{k-1} + a_2 \cdot b^{k-2} + \dots a_{k-1} \cdot b + a_k.$$

For example, if b=17, k=3 and a=[11,15,7] then $n=11\cdot 17^2+15\cdot 17+7=3179+255+7=3441.$

Determine whether n is even or odd.

Input

The first line contains two integers b and k ($2 \le b \le 100$, $1 \le k \le 10^5$) — the base of the number and the number of digits.

The second line contains k integers a_1, a_2, \ldots, a_k ($0 \le a_i < b$) — the digits of n.

The representation of n contains no unnecessary leading zero. That is, a_1 can be equal to 0 only if k=1.

Output

Print "even" if n is even, otherwise print "odd".

You can print each letter in any case (upper or lower).

Examples

input	Сору
13 3 3 2 7	
output	Сору
even	

input	Сору
10 9 1 2 3 4 5 6 7 8 9	
output	Сору
odd	

input	Сору
99 5 32 92 85 74 4	
output	Сору
odd	

input	Сору
2 2	

Codeforces Global Round 1

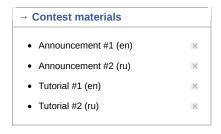
Finished

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest





1 of 2 12/14/19, 10:05 PM

1 0	
output	Сору
even	

Note

In the first example, $n=3\cdot 13^2+2\cdot 13+7=540$, which is even.

In the second example, n=123456789 is odd.

In the third example,

$$n = 32 \cdot 99^4 + 92 \cdot 99^3 + 85 \cdot 99^2 + 74 \cdot 99 + 4 = 3164015155$$
 is odd.

In the fourth example n=2.

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2 of 2 12/14/19, 10:05 PM