

## 2196 - Even? Odd?

### Description

Bessie's cruel second grade teacher has assigned a list of **N** ( $1 \leq N \leq 100$ ) positive integers **I** ( $1 \leq I \leq 10^60$ ) for which Bessie must determine their parity (explained in second grade as "Even... or odd?"). Bessie is overwhelmed by the size of the list and by the size of the numbers. After all, she only learned to count recently.

Write a program to read in the **N** integers and print 'even' on a single line for even numbers and likewise 'odd' for odd numbers.

### Input specification

- \* Line 1: A single integer: **N**.
- \* Lines **2..N+1**: Line **j+1** contains **I<sub>j</sub>**, the **j**-th integer to determine even/odd.

### Output specification

- \* Lines **1..N**: Line **j** contains the word 'even' or 'odd', depending on the parity of **I<sub>j</sub>**.

### Sample input

```
2
1024
5931
```

### Sample output

```
even
odd
```

### Hint(s)

Two integers are given: 1024 and 5931. 1024 is eminently divisible by 2; 5931 is not.

Source

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Added by

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