Problem 132: That's Odd

Difficulty: Easy

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Problem Background

Checking to see if a number is even or odd is a surprisingly common task in computer programming. For example, languages that do not provide Boolean data types can use even or odd integers in place of true or false.

Problem Description

Write a program that can determine if a number is even or odd. Even numbers are integers that are evenly divisible by 2 - that is, no remainder is left after the division. Any integer that is not even is odd.

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include a single line containing an integer.

```
3
0
1
2
```

Sample Output

For each test case, your program must print a single line with the word "EVEN" if the given number if even, or "ODD" if the given number is odd.

```
EVEN
ODD
EVEN
```