Even Odd Query

You are given an array *A* of size *N*. You are also given an integer *Q*. Can you figure out the answer to each of the *Q* queries?

Each query contains 2 integers x and y, and you need to find whether the value find(x,y) is Odd or Even:

```
find(int x,int y)
{
    if(x>y) return 1;
    ans = pow(A[x],find(x+1,y))
    return ans
}
```

Note : pow(a,b) = a^b.

Input Format

The first line of the input contains an integer *N*. The next line contains *N* space separated non-negative integers(whole numbers less than or equal to 9).
The line after that contains a positive integer, *Q* , the denotes the number of queries to follow. *Q* lines follow, each line contains two positive integer *x* and *y* separated by a single space.

Output Format

For each query, display 'Even' if the value returned is Even, otherwise display 'Odd'.

Constraints

$2 \leq N \leq 10^5$
$2 \leq Q \leq 10^5$
$1 \leq x,y \leq N$
$x \leq y$

Array is 1-indexed.

No 2 consecutive entries in the array will be zero.

Sample Input

```
3
3 2 7
2
1 2
2 3
```

Sample Output

```
Odd
Even
```

Explanation

find(1,2) = 9, which is Odd
find(2,3) = 128, which is even