
Pairs of a sequence (2)**P51153_en**

Write a program that reads sequences of natural numbers, and for each one tells if it has two elements such that their sum is an odd number.

Input

Input consists of several sequences, each one in a line. Each sequence consists of a natural number n , followed by n natural numbers x_1, \dots, x_n .

Output

For each input sequence, print “yes” or “no” depending on if it is possible to find two elements x_i and x_j (with $i \neq j$) such that $x_i + x_j$ is an odd number.

Sample input 1

```
6 3 5 7 15 13 1
2 0 1
```

Sample output 1

```
no
yes
```

Problem information

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