
72477. Oddlover

Input file: `standard input`
Output file: `standard output`
Time limit: 1 second
Memory limit: 256 megabytes

Given an array consisting of integers. Write a program, which outputs all odd elements of array.

Input

The first line contains integer n ($1 \leq n \leq 10^5$) — array size. The next line contains n integers a_i ($1 \leq a_i \leq 10^9$) — elements of array.

Output

Print all odd elements.

Examples

standard input	standard output
3 4 7 6	7
5 4 4 6 9 5	9 5
5 17 13 15 25 2	17 13 15 25
5 13 2 5 7 17	13 5 7 17
4 20 8 18 23	23