Find the minimal odd number and the maximal even number

Cost: 2 | Solved: 122

Memory limit: 256 MB

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

Find the minimal odd number and the maximal even number in sequence

Input:

Contains an integer number **n** *(n ≤ 10^6)* **-** the amount of elements in sequence, after it a$_i$ (1<=i<=n) **-** elements in sequence

Output:

Write the minimal odd number and the maximal even number of the sequence. If there isn't such number then write "-1" instead of this number

Input	Output
5 1 2 3 4 5	1 4
3 1 1 1	1 -1