# Form a sequence from even elements of another sequence

Cost: 2 |  Solved: 169

**Memory limit: 256** MBs

**Time limit:** 1 s

**Input**: input.txt

**Output:** output.txt

**Task:**

You are given a sequence of numbers. Form a new sequence containing the even elements of the first sequence, saving their order.

**Input:**

Contains a natural **n –** the amount of numbers in a sequence, then **n** numbers – elements of a sequence.

**Output:**

The new sequence.

**Example:**

| Input | Output |
|---|---|
| 5 1 5 2 5 3 | 2 |
| 1 1 | |