Write a program that reads a sequence of words and prints, in reverse order, the first half of the list.

**Input**

Input consists of a sequence of words.

**Output**

If $n$ denotes the total number of words, print the $\lfloor n/2 \rfloor$ first words of the original sequence, in reverse order, and one per line.

**Observation**

For the sake of practice, use recursion (not arrays).

**Sample input 1**

jordi
mireia
arnau

**Sample output 1**

jordi

**Sample input 2**

dolphins
octopuses
squid
sharks
whales
piranhas

**Sample output 2**

squid
octopuses
dolphins

**Problem information**

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