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

Input
Input consists of a sequence of words.

Output
If \( n \) denotes the total number of words, print the \( \lceil n/2 \rceil \) last 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
arnau
mireia

Sample input 2
dolphins
octopuses
squid
sharks
whales
piranhas

Sample output 2
piranhas
whales
sharks

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