Reversing a list of words (6)   P89336_en

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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