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The Virtual Learning Environment for Computer Programming

Reversal with stack

Use stacks to reverse sequences of natural numbers.

Input

Input consists of various sequences of natural numbers ended with -1.

Output

For each input sequence, your program must print a line with the numbers in reverse order separated by space.

Sample output

Sample input

0 1 2 3 4 5 -1 5 4 3 2 1 0 10 20 10 20 -1 20 10 20 10 20 10 20 10 7 3 -1 -1 42 -1 42

Problem information

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