
Reversal with stack

P45111_en

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 input

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

Sample output

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

Problem information

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