

# Shift Zeros

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            1 second  
Memory limit:          256 megabytes

Given an array  $A$  of size  $N$ . Print the array elements after shifting all zeroes in array  $A$  to the right.

**Note:** Solve this problem using function.

## Input

First line will contain a number  $N$  ( $1 \leq N \leq 10^3$ ) number of elements.

Second line will contain  $N$  numbers ( $0 \leq A_i \leq 10^3$ ).

## Output

Print the array after shifting right all its zeros.

## Examples

standard input	standard output
4 2 0 0 5	2 5 0 0
5 1 5 0 7 4	1 5 7 4 0