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# Print from N to 1

Input file:            **standard input**  
Output file:         **standard output**  
Time limit:          1 second  
Memory limit:       64 megabytes

Given a number  $N$ . Print all numbers from  $N$  to **1** separated by a single space.

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

## Input

Only one line containing a number  $N$  ( $1 \leq N \leq 10^3$ ).

## Output

Print from  $N$  to **1** separated by a single space.

## Example

standard input	standard output
4	4 3 2 1

## Note

Make sure don't print any leading or trailing spaces.