Run Through Stack

Team ID: 58
Team Member: B02501030 B02208025 B02502076

1.   Topic

Stack

2.   Description

- There's a consecutive integer sequence from 1 to N. All of the numbers in the sequence should go through a stack-type container before being output.
- Your task is to find out how many possible outputs there and itemize all of them.

3.   Input and output format

Input:

N

Output:

123 … N
213 … N
321 … N
.
.
.

4.   Sample input and output

Input:

3

Output:

321
231
213
132
123

5.   Time and memory limit

Time: 1 sec
Memory: 256 mb