1 to N

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

Given a number N. Print numbers from **1** to N in separate lines.

Input

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

Output

Print N lines according to the required above.

Example

standard input	standard output
5	1
	2
	3
	4
	5