Home / Contest 14 / Problem hack3prob3

[hack3prob3] Problem 3

Statement

Print every way of writing \mathbf{n} as a sum of natural numbers, with repetitions, in non-decreasing order. Refer to Hackathon3 problem sheet for full details.

Input Format

n\n

Output Format

Each number in the sum should be separated by a + .

The numbers should be listed in non-decreasing order.

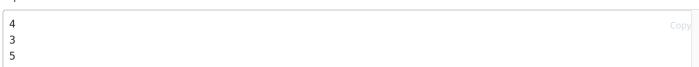
End each line with \n.

Max. Score	10
Difficulty	0
Time limit	1.0 s
Memory limit	10240 KB
Submission limit	4
Allowed file extensions	.c

Public test cases

Test Case 1

Input



Output

```
1+1+1+1
1+1+2
1+3
2+2
4
1+1+1
1+2
3
1+1+1+1+1
1+1+1+2
1+1+3
1+2+2
1+4
2+3
5
```

Test Case 2

Input

```
6 8 7
```

Output

Submit Solution for Problem 3

Submissions left: 4

Submissions Over!

SEE MY PREVIOUS SUBMISSIONS