Longest Increasing Subsequence Path

[illegible] N x N [illegible]

Input

[illegible] N (1 <= N <= 10) [illegible]

[illegible] N [illegible] N [illegible] (1 <= [illegible] <= 100)

Output

[illegible]

[illegible]

Input	Output
2 1 2 3 4	4
3 1 2 3 4 5 6 7 8 9	9
3 1 2 1 4 3 2 5 6 3	5

[illegible]

- Time limit: 1000 ms
- Memory limit: 64 MB