

A doua jumătate:

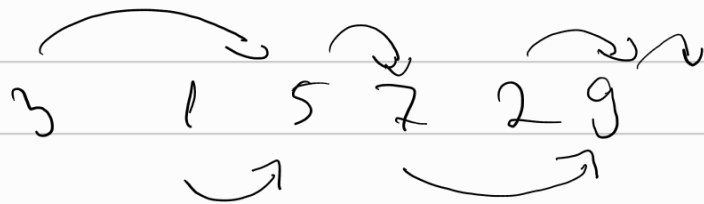
① Se dă un vector V cu N elemente

Pentru fiecare i de la 1 la N să se determine j

$$i < j \leq N+1$$

$$j \text{ min}$$

$$v_i < v_j$$



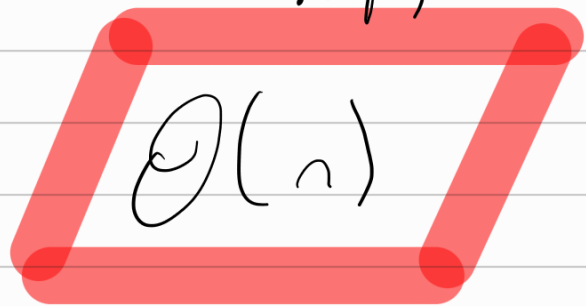
For $i \in N, 1$

while $!S.empty() \&\& v_i \geq v_{S.top()}$

$S.pop()$

$j \leftarrow S.top()$

$S.push(i)$



②

$cnt \leftarrow 0$

for ($i \in 1, N$)

$mi \leftarrow \infty$

for ($j \in i, N$)

if ($mi > v_j$)

$mi \leftarrow v_j$

$cnt++$

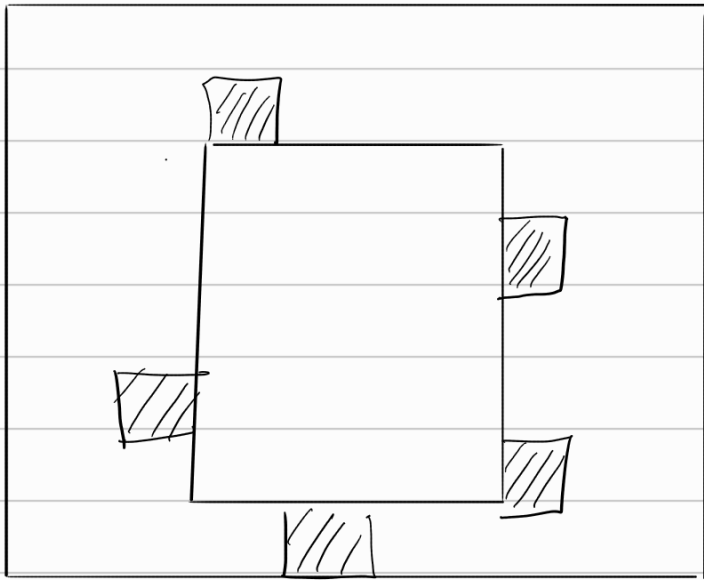
Print(cnt)

$O(n^2)$

Iterând de la dreapta la stânga,
ținem stiva de minime și adunăm
dimensiunea stivei.

N, N col.

$A_{i,j} \in \{ ' ' ; ' \# ' \}$



$$H_{i,j} = \begin{cases} A_{i,j} == \#, 0 \\ \text{altfel } 1 + H_{i-1,j} \end{cases}$$