



if $lmax < rmax$:

$$area += \max(lmax - h[l], 0)$$

$$lmax = \max(lmax, h[l+1])$$

elif $lmax \geq rmax$:

$$area += \max(rmax - h[r], 0)$$

$$rmax = \max(rmax, h[r-1])$$

★ move the smaller one

because the water on that cell is determined

★ For each cell, find the largest h on left/right side
Can be done in $O(n)$ space but opt to $O(1)$ space