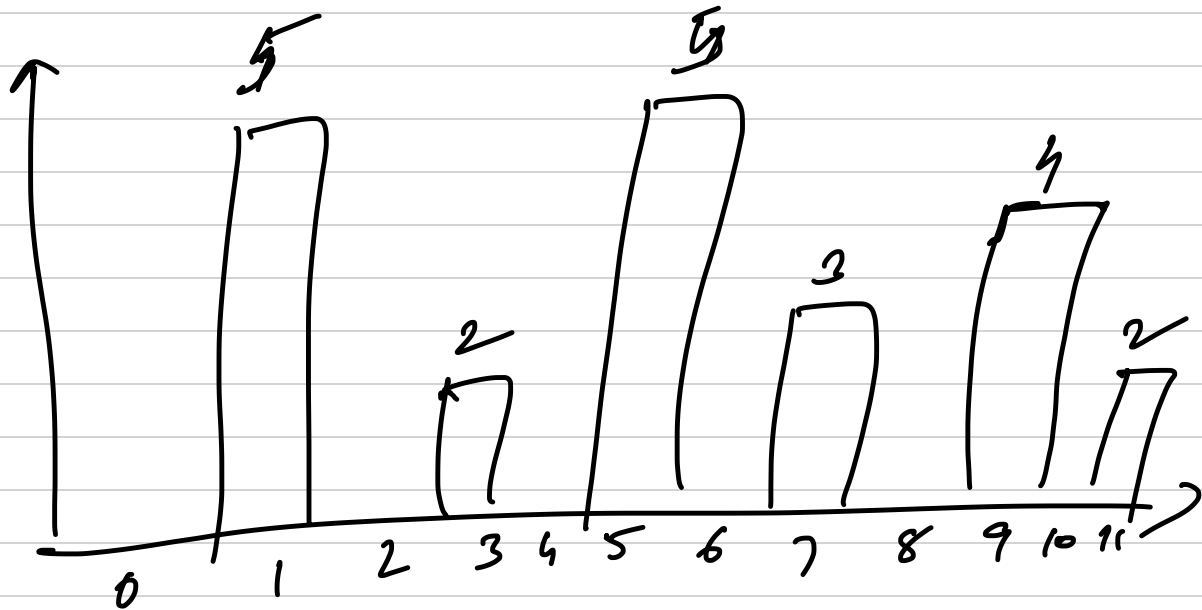
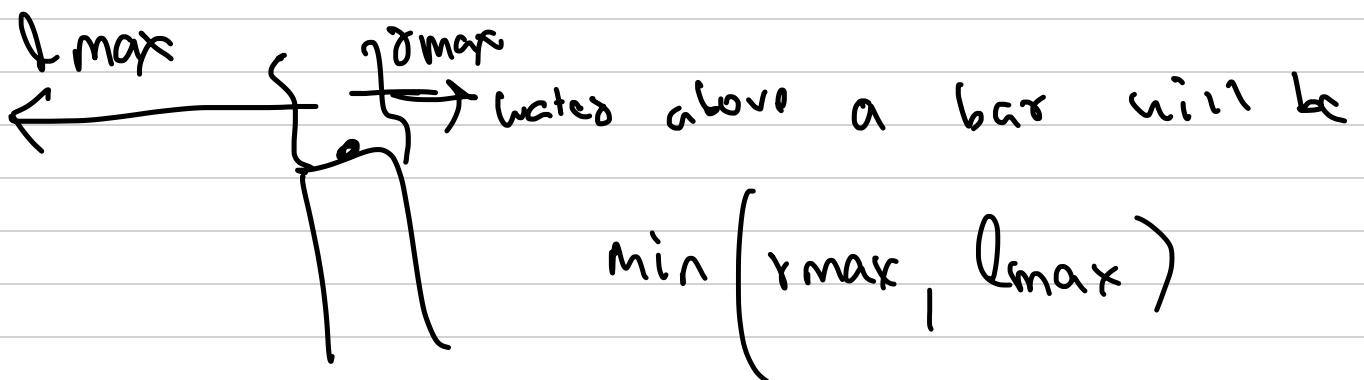


42 . Trapping rain water



At each position x we will try to calculate how much water can be filled above it



As at any point we can only fill water that can be hold be max of left bars and max of right bars

for x in range(1, n):

if $\min(l_{\max}, r_{\max}) > \text{nums}(x)$:

water += $\min(l_{\max}, r_{\max}) - \text{nums}(x)$

return water

