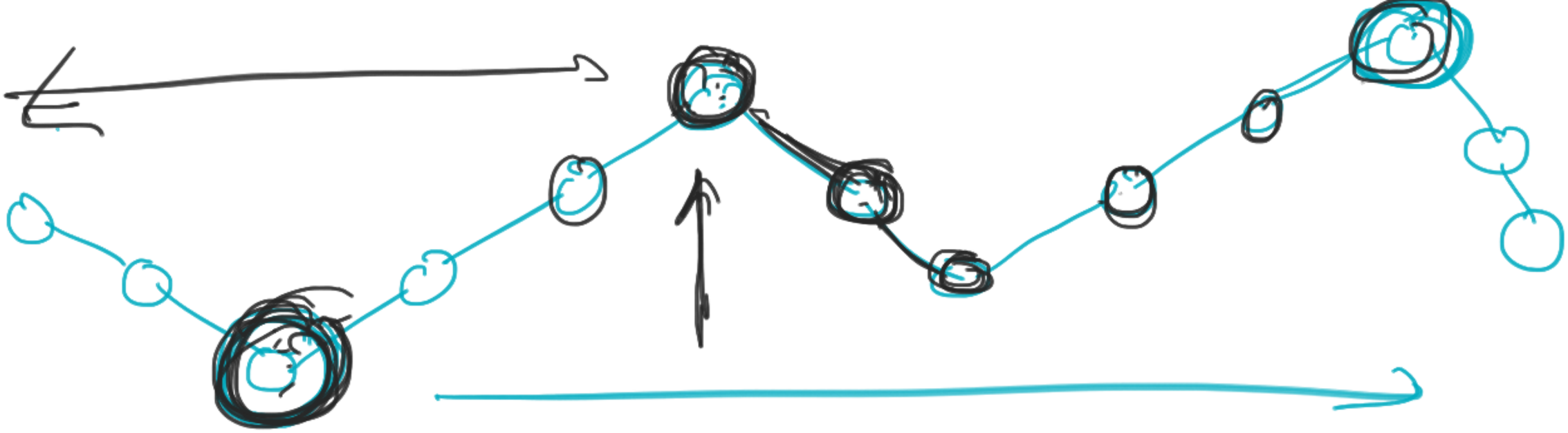
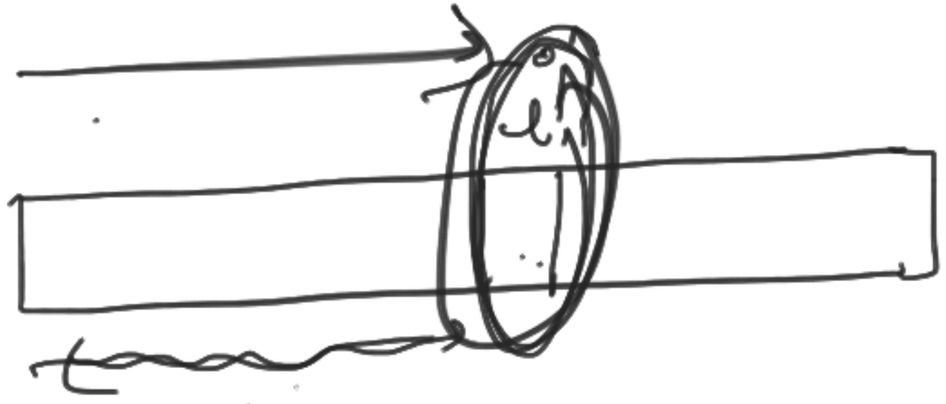


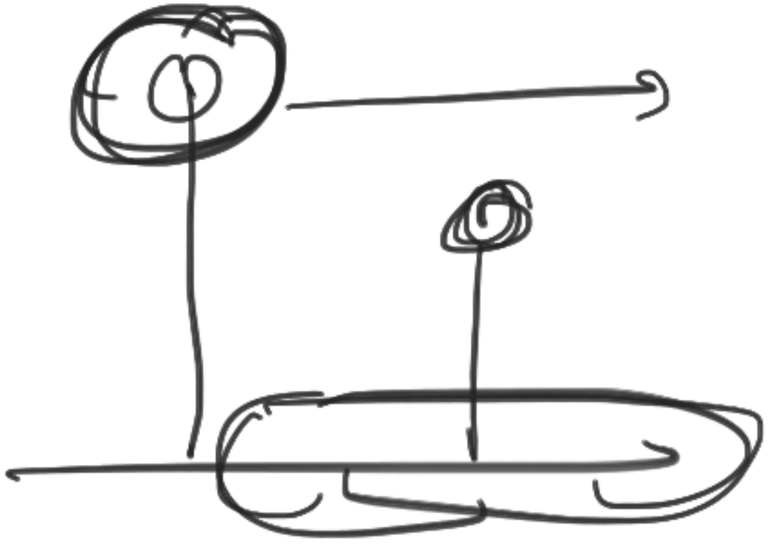


if (A[i] < min)
min = A[i]

else

update the
maximum

A[i] - min

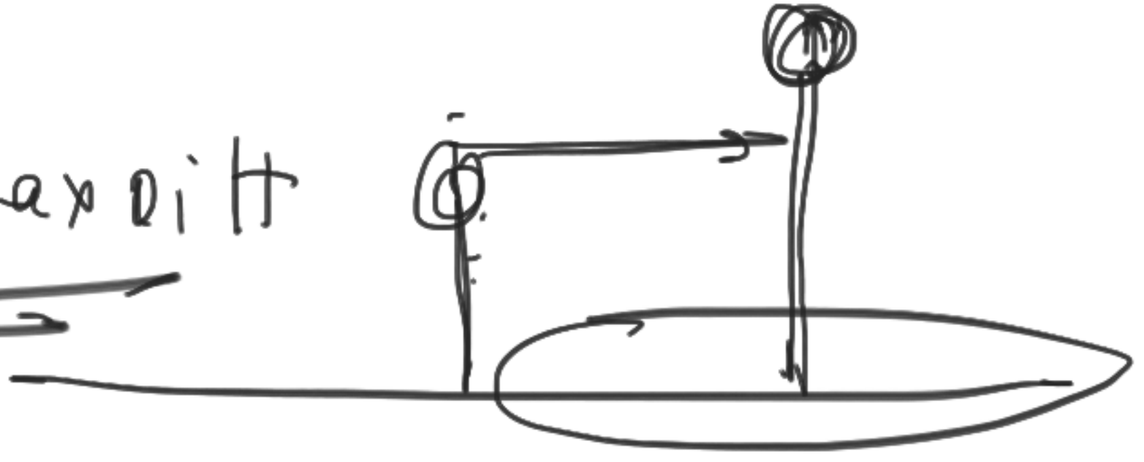


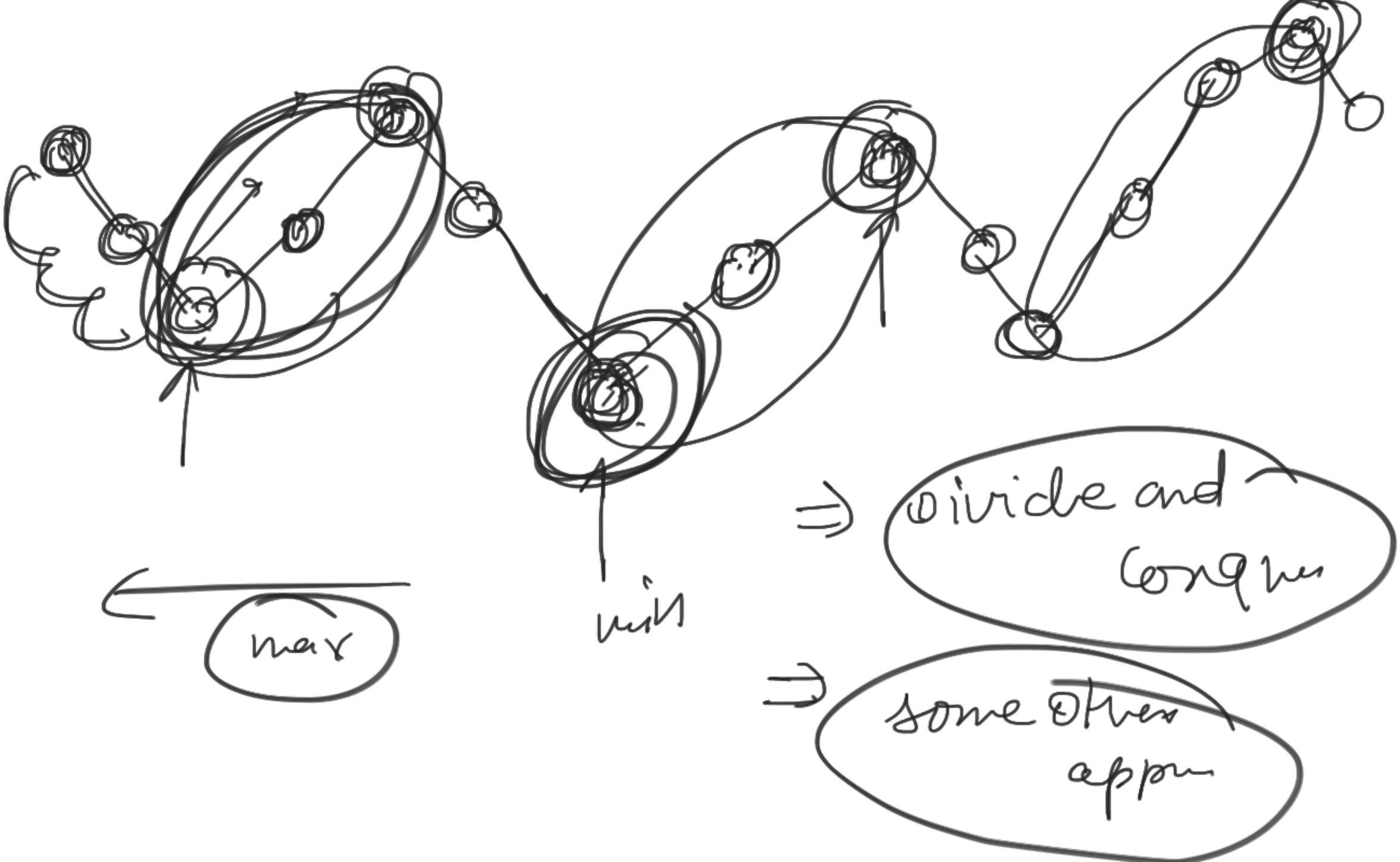
if (A[i] > max)

max = A[i]

else

update the max with i




max
min
⇒ Divide and Conquer
⇒ some other appr

① Trapping rain water

② median of two sorted arr.

③ count inversions

④ max continuous series of 1.

Set matrices zero

minimum size subarray sum

⇒ Stable Counting sort