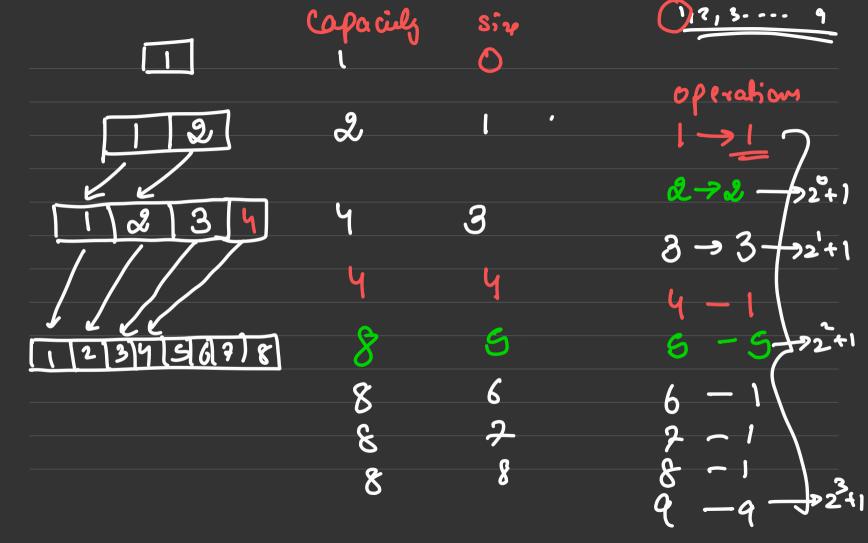
There are problem welle arrays. 2) Dureng runtin une can't inc or dec leyler of array. 5 of we by to create a new array of sino (n+1) -> Then for one inserting
we will take O(n) two



total no. of operations aug tine na og insertion 1+2+3+1+5+1+1+9 (|+|+|1/1----) + 2°+2'+2'----2" $n + 1 \times (2^{109} - 1)$

 $\frac{0+n-1}{n} \rightarrow \frac{2n-1}{n} \rightarrow \underline{cant}$ aug > perenseula you book cont tu (3 array - moentie -> O(1) amortined analysis

C++> Nector) = James -> Array Lix

Pytha -> List

