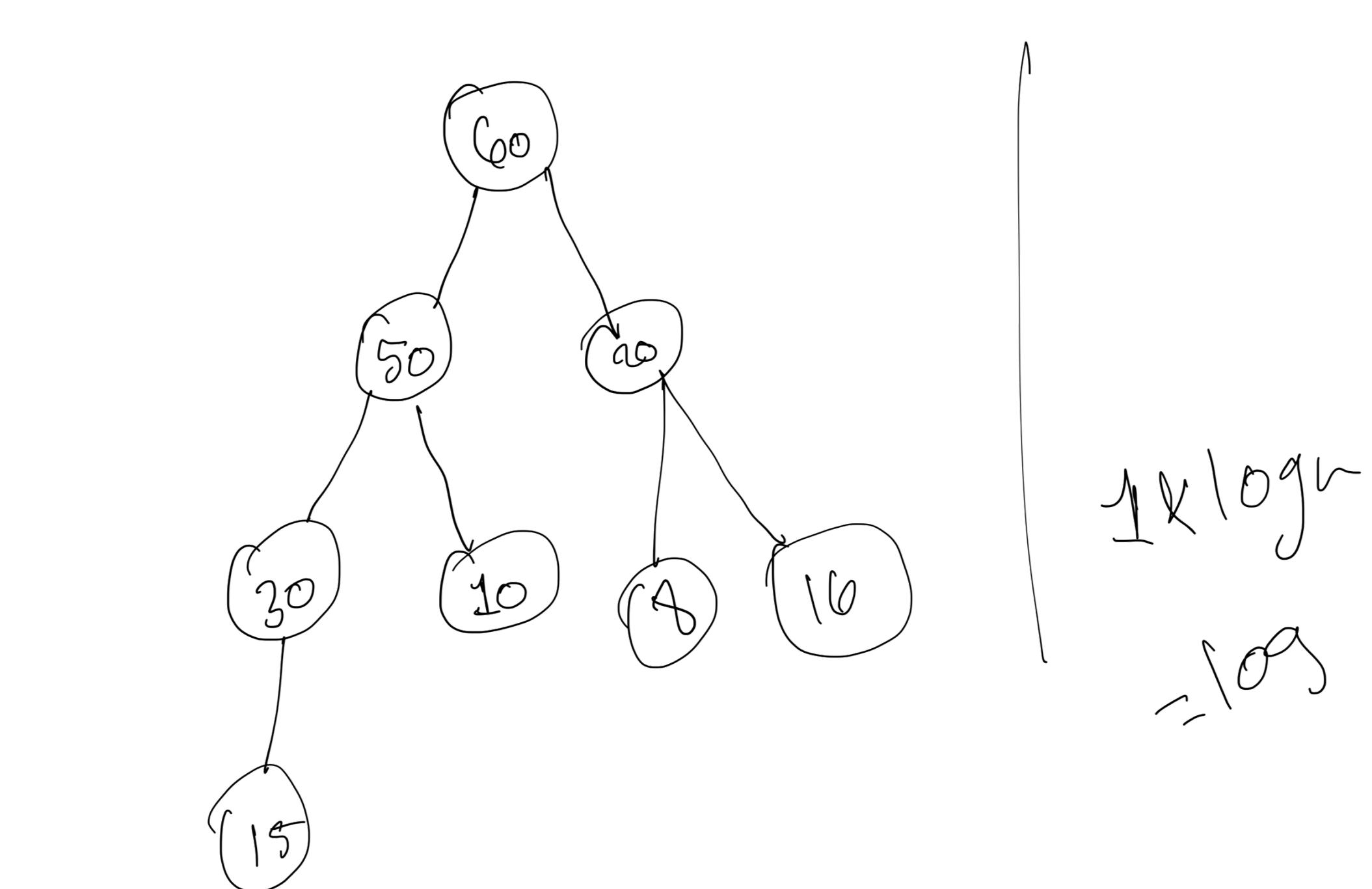
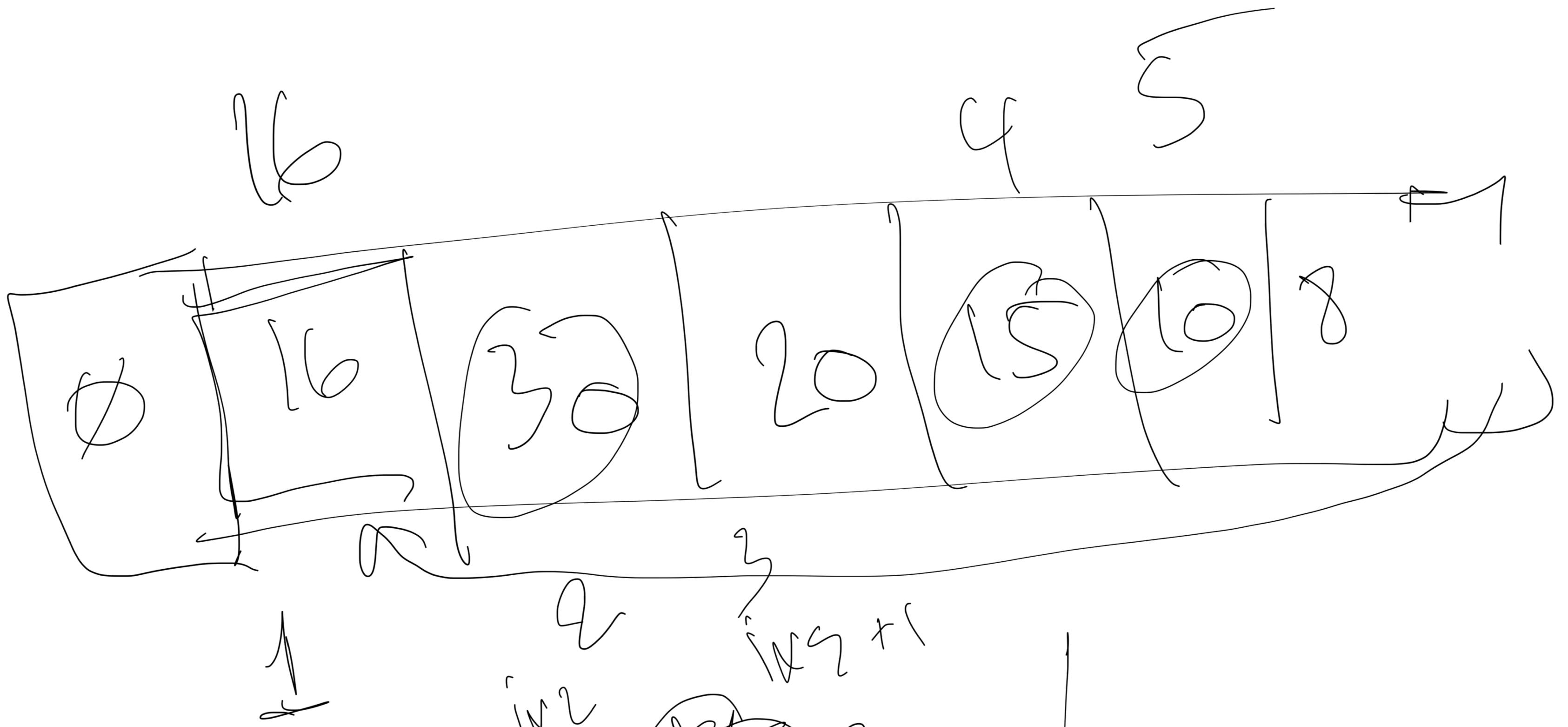
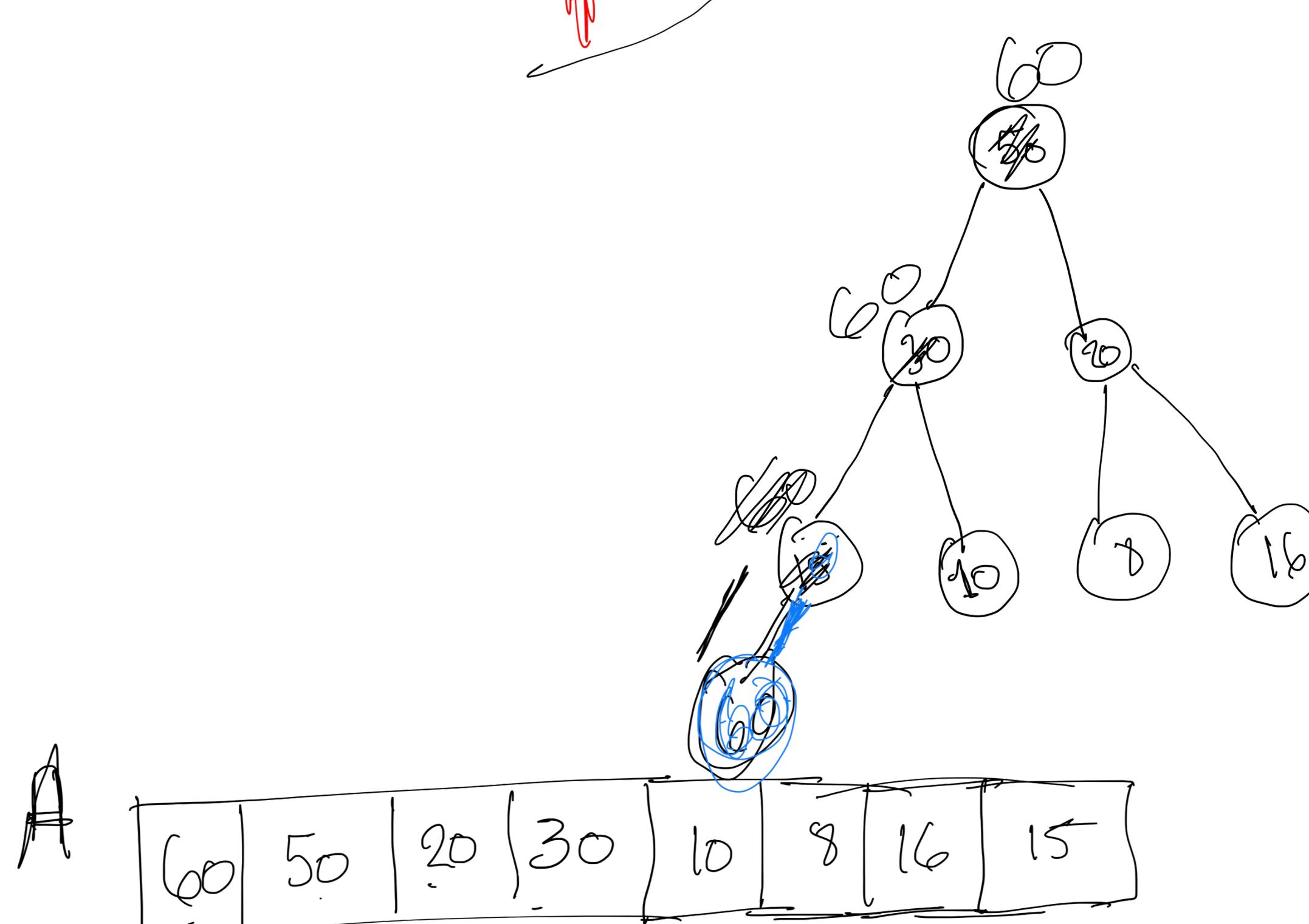
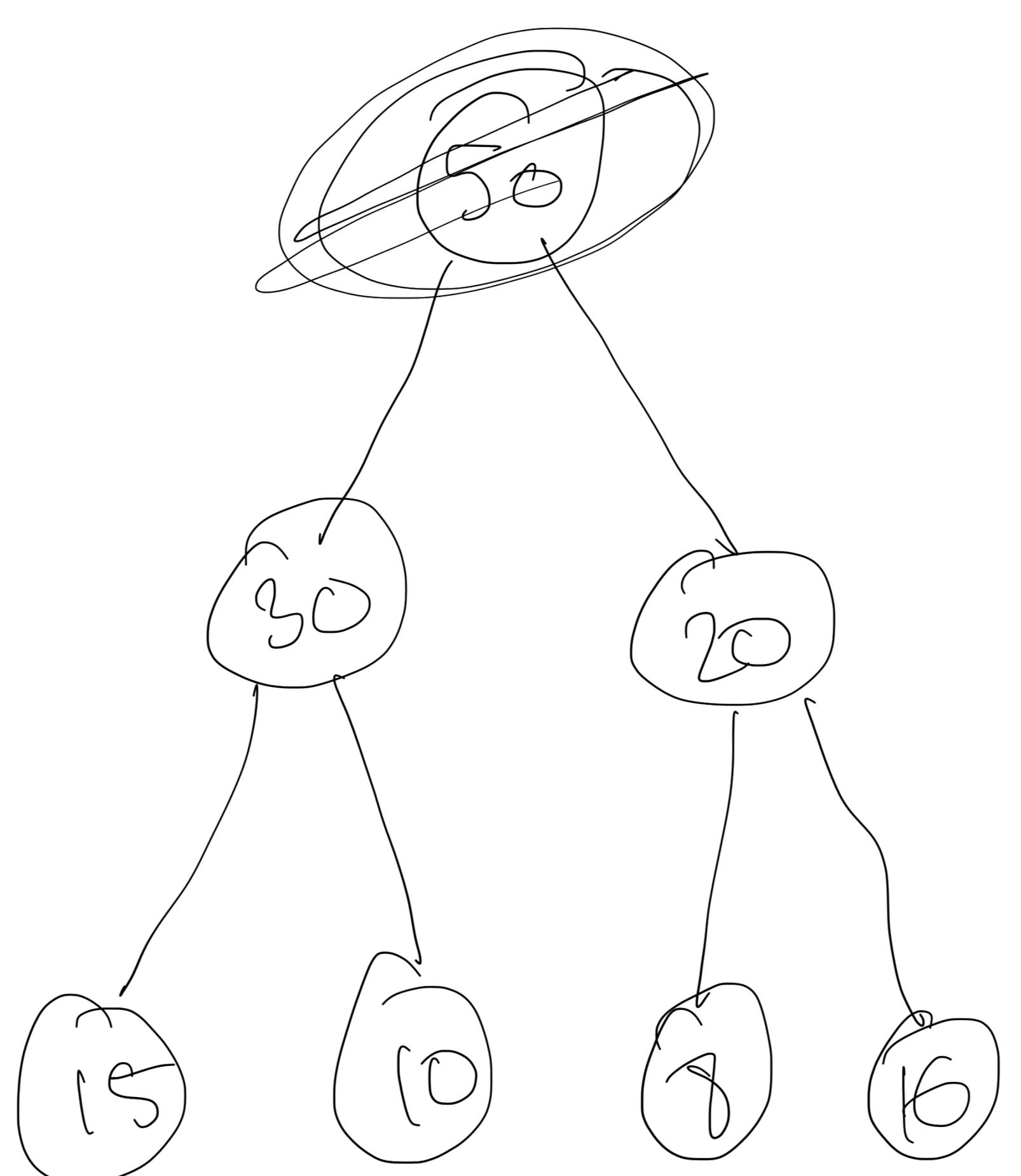
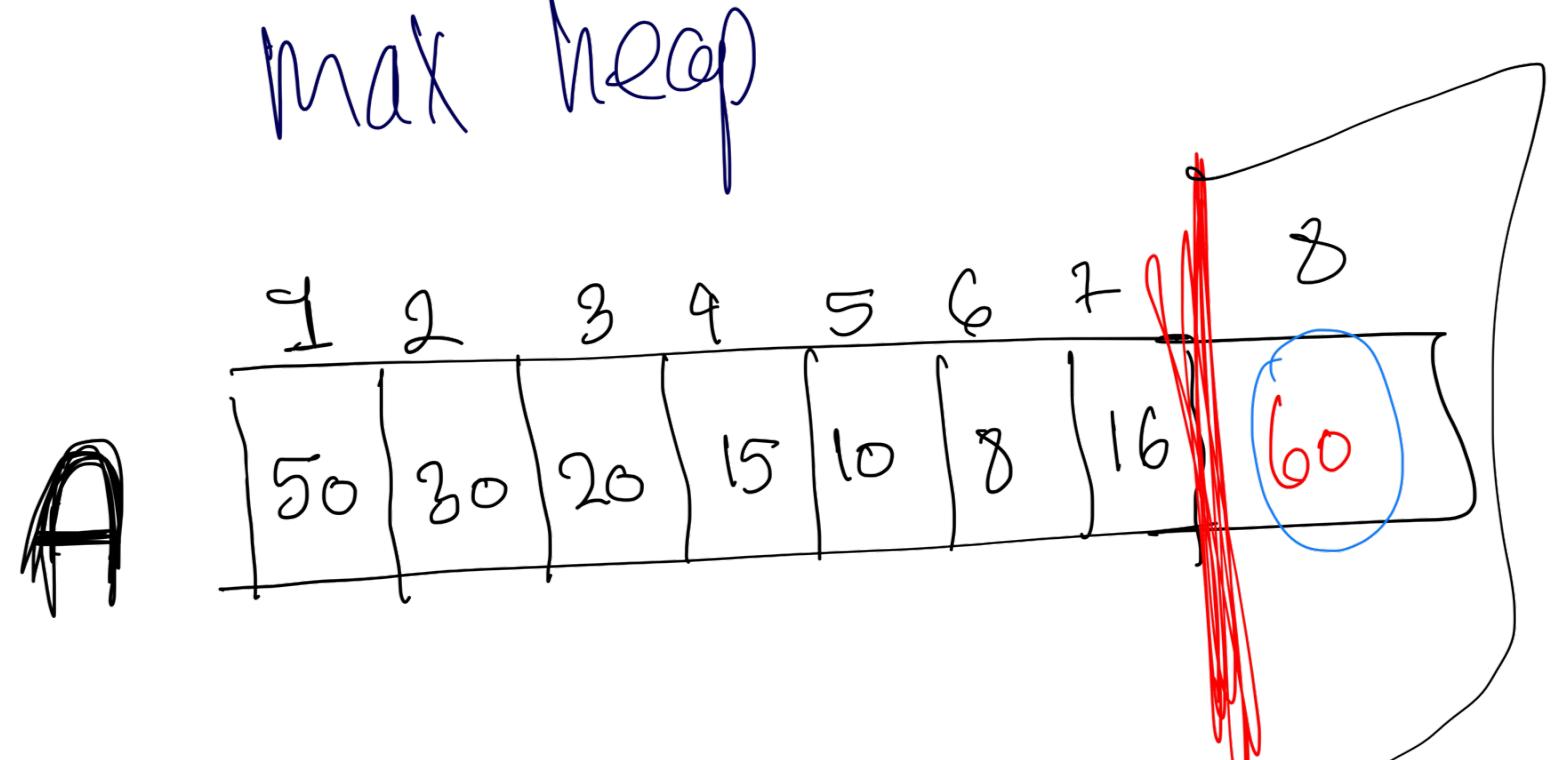


Insert

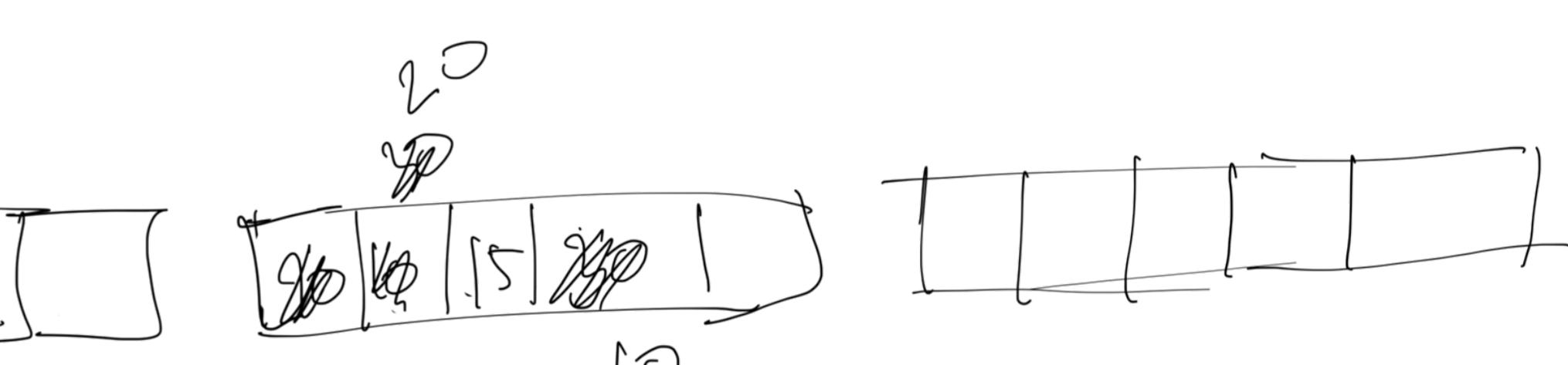
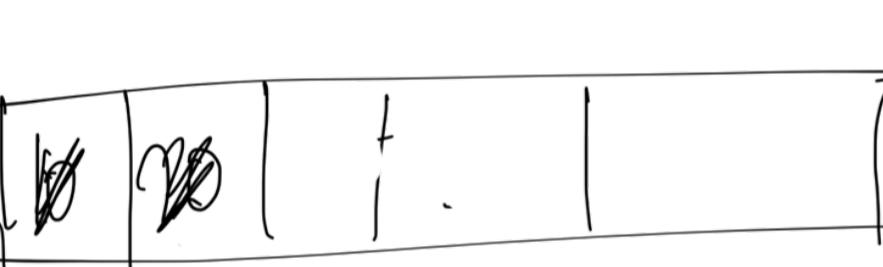
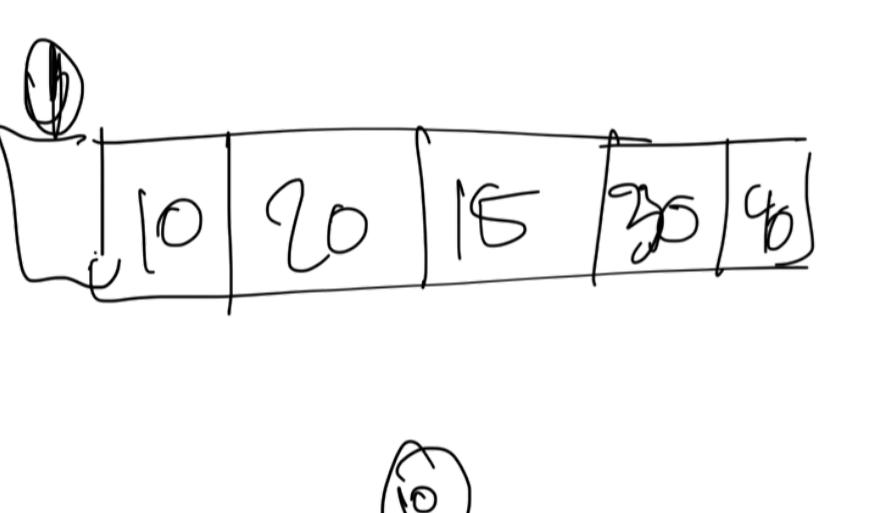
Max Meap



- * The best Case of the insertion is order of $O(1)$
- * Worst Case $\sim n$
- * Average Case $\sim \frac{n}{2}$

Heapsort

Creation



Analysis

n x logn

- * Size of array (n)

* So Running time is $(n \log n)$