heaps

heap= gigin (priority queves)

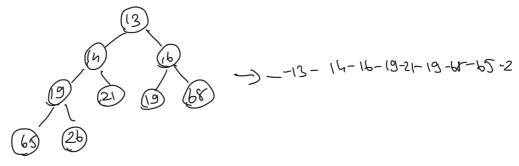
Complete binary tree, (we start represented as an array
other operations O((00N)) sinsertion (moun the to parent (children (min heap))

parent > Children (max heap)

odeldion -> moving down

Ind - porent

by dolote the root value
move the kest lect to the root
move it down with comparing
check the balacing of the tree



build heap o(N)

se arch | BST-) logN elment | Heap -) N (min O(L))