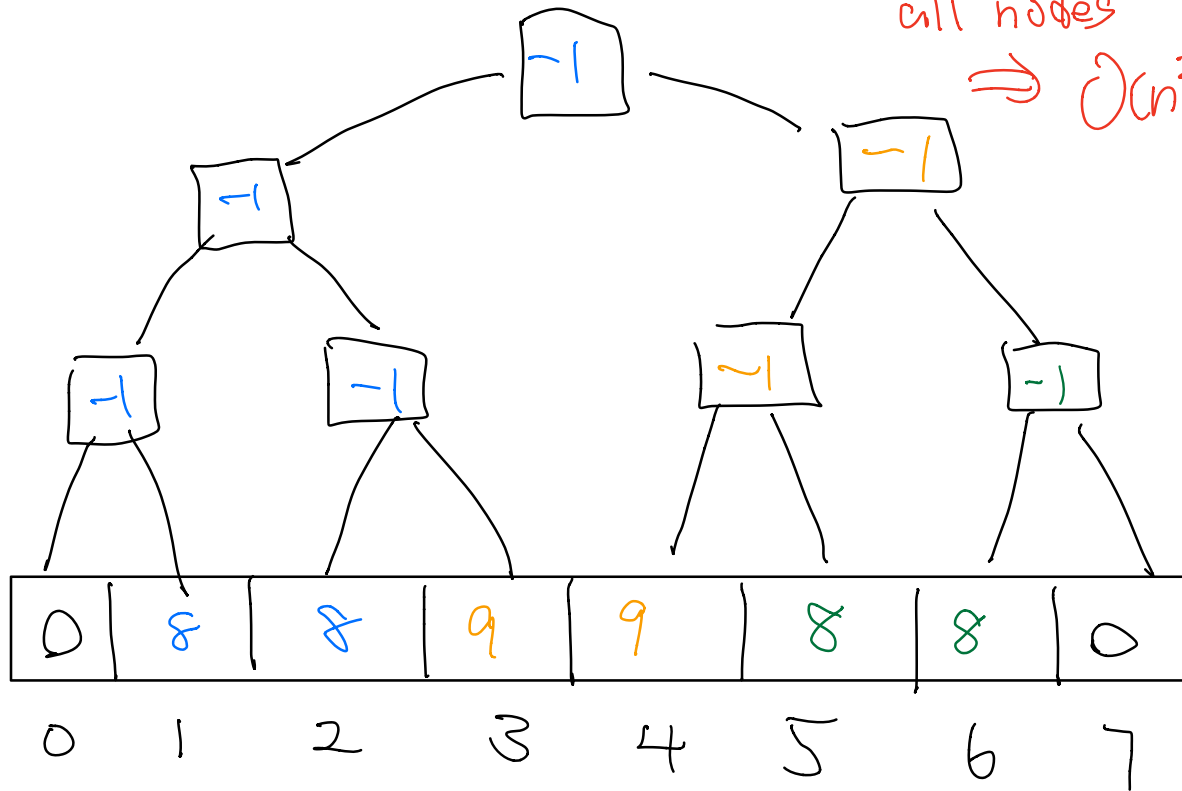


update $[1, 7] \rightarrow 10 \Rightarrow$ have to update almost

all nodes
 $\Rightarrow O(n^2)$



Previous queries:

update: $[1, 2] \rightarrow 8$

update: $[1, 4] \rightarrow 9$

update: $[1, 6] \rightarrow 8$

