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"No more fear of Segment Tree"

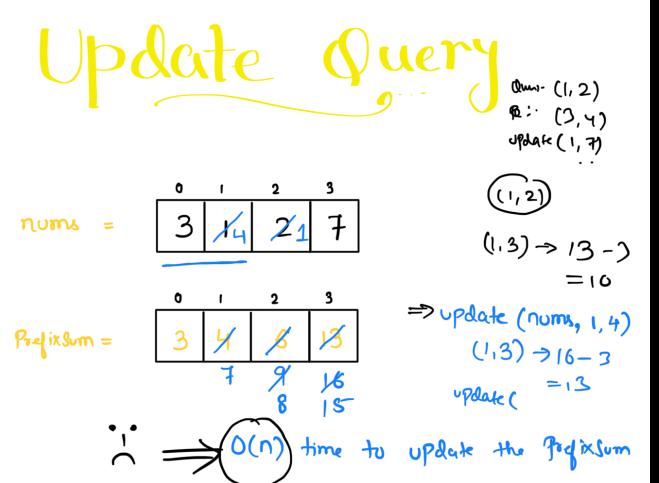
Every to pic will become easy once you start giving it time?

video - 2

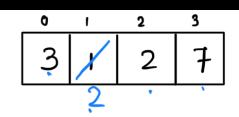
Recap :

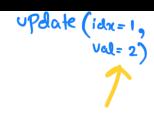
- We undoestood about segment Tree? What? Why? When?

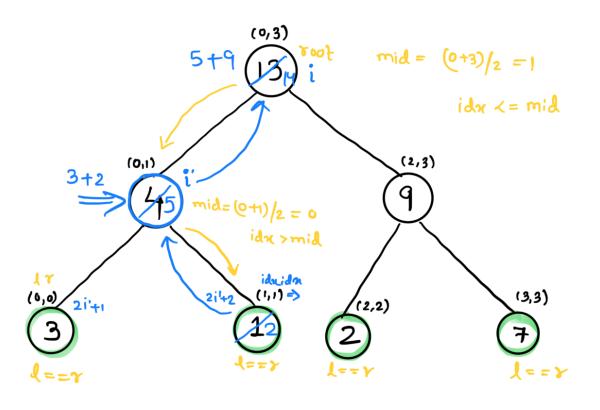
- buildSegment Tree
- Example Range Sum in an overay



Let's see How segment but will Help us here...







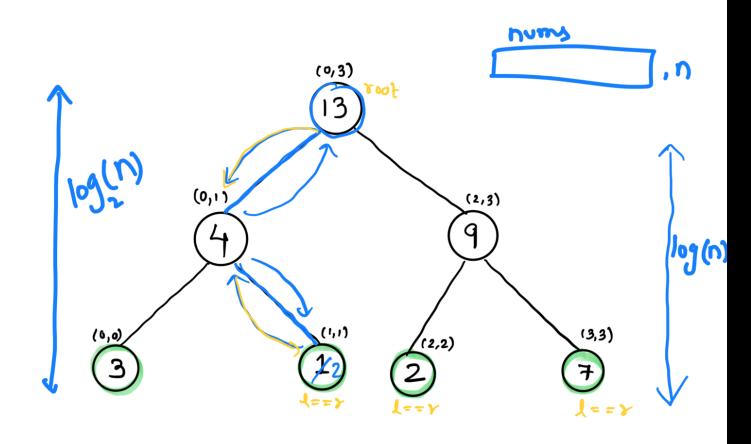
segTrue[i] = segTrue[2i+1]+ segTu[2i+2];

Recursion Due => Code (Story)

Update SegTree (ida, val, i, 1, r)

```
Void updaksegtree (ida, val, i, l, r)
                if (1==8) & 11 Base case
                    segTrue (i) = Val;
               mid = (1+\tau)/2;
               i] (ida <= mid) { //left child
                Update SegTree (idx, val, 2i+1, l, mid);
               Jelse { // right child
                  uplate Seg Tree (idx, vel, 2i+2, mid+1,x);
             segTree [i] = segTree [2i+1] + segTree [2i+2];
```

Time Complexity:



$$O(n) \longrightarrow log(n)$$

Buildses & Polate

(has (1', j') - , hm