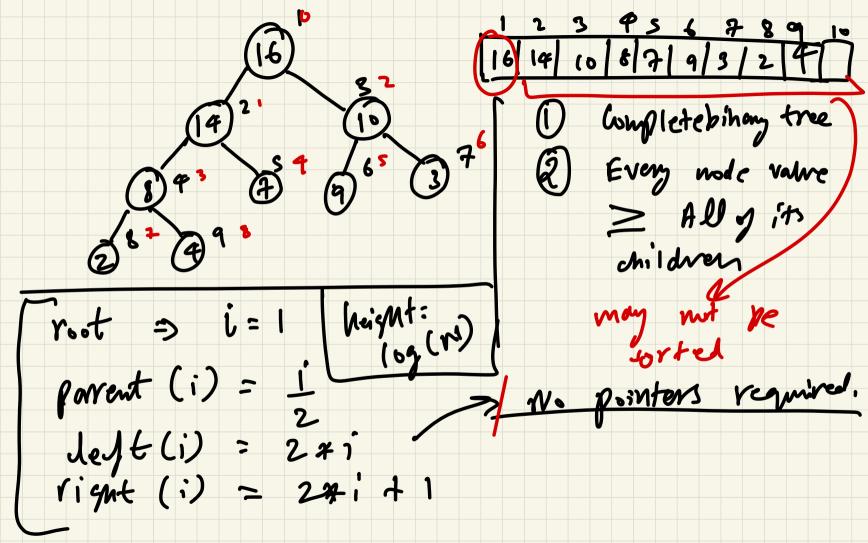
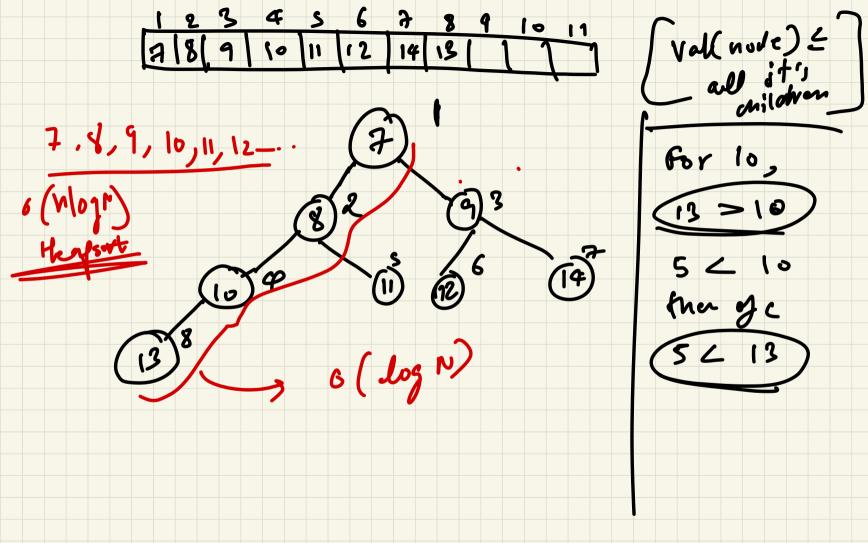


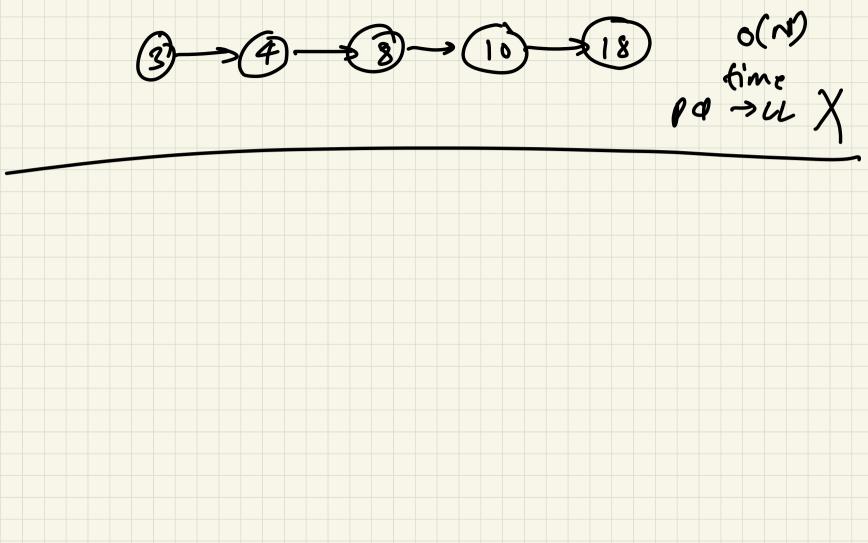
0(~) 3 8 4 19 20 2 2 36 given yn Smilest no. 6(1) 19/20/36 ... o(1)

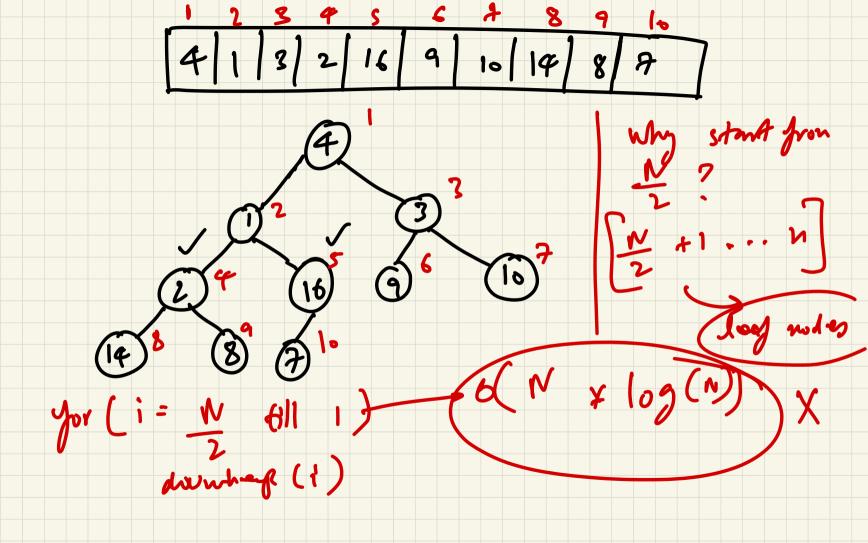
com you redure

(mis ?? > (Meaps)









Leaf nodes = 
$$\frac{V}{L}$$
 = 0

One land other =  $\frac{N}{4}$  =  $\frac{N}{4}$ 

$$\frac{W}{4} \times C + \frac{N}{3} (23) + \frac{N}{16} (36) + ... + 1 (6 \log N)$$

$$= 2^{k}$$

$$= 2^{k} \left( \frac{1}{2} + \frac{1}{2} + \frac{3}{2} + \frac{4}{2} + ... + \frac{k+1}{2^{k}} \right)$$

$$= 2^{k} \left( \frac{1}{2} + \frac{1}{2} + \frac{3}{2^{k}} + \frac{4}{2^{k}} + ... + \frac{k+1}{2^{k}} \right)$$

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$$= 2^{k} \left( \frac{1}{2} + \frac{1}{2^{k}} + \frac{3}{2^{k}} + \frac{4}{2^{k}} + \frac{4}{2^{k}} + ... + \frac{k+1}{2^{k}} \right)$$

$$= 2^{k} \left( \frac{1}{2} + \frac{1}{2^{k}} + \frac{3}{2^{k}} + \frac{4}{2^{k}} + \frac{4}{2^{k}} + ... + \frac{k+1}{2^{k}} \right)$$

$$= 2^{k} \left( \frac{1}{2} + \frac{1}{2^{k}} + \frac{3}{2^{k}} + \frac{4}{2^{k}} + \frac{4}{2^{k}} + \frac{4}{2^{k}} + \frac{4}{2^{k}} + \frac{4}{2^{k}} + \frac{4}{2^{k}} \right)$$

$$= 2^{k} \left( \frac{1}{2} + \frac{1}{2^{k}} + \frac{3}{2^{k}} + \frac{4}{2^{k}} +$$

