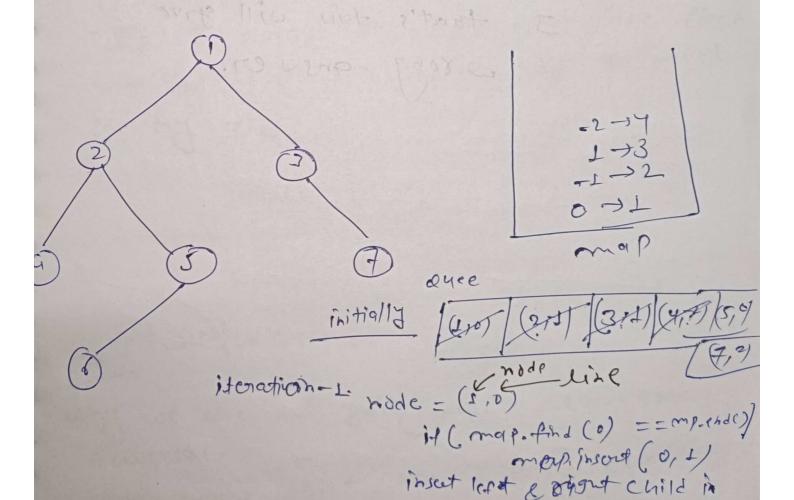


Induition: In vertical order traversal we use use line concept where we assign every wode to a coordilate here we are using similar find of concept whom which we we only line cornect like that the first mode in every line will be my top view.

Data structur

(i) queue < Node to, line >

(ii) map < line, Node +val)



map. find (-1) == ompene () =)

2 mide = (2,-1)

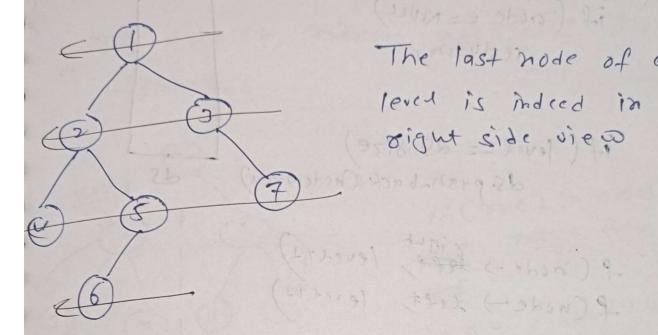
AT -) ride = (5,0) put mapified (0) [= mark end()

que

why we not use securifive fraversy, st visit 1 suppose you shoodes महत्रण्याड्टी, we visit 6 setore tract's tris will give answer. w 8057 to (shayalire = 3 (b) but, going

Right/left View of Binary Tree

Right view=1376



The last node of every level is indeed in my right side view

(+ 1 9 (+ 1 hor) 9-

(4000 = 2 2000) - 9-4

If I reverse the logic then the first node of every level is may sindeed in my right side view.

what kind of traversal we can use here

Recipére (160670eque) case Dorst 5.(= 0(+1) height

why we are not going with level order of Ravensal.

ke. In the worst case T.C. = O(N)

of -) last level is filled so quere contain at max n/2 nodes.

f (node, lever) if (mode == NULL) if (level == ds. 8ize) ds. pysh-back (node-grad) of (node -) right level +1) - (node-) left leverts) A Root left right Revense Preorden -> post sight left lest side viço chang te apply only precorder of (node - relet) -)

It toes is misson of steels they symmetric,

Obert wifing show

ass harpra line

if (root 1 5= rood 2)
return false

int k = & (20,4) reft, int y = p(80+1-) 20 mg) Jost 234. 64

to went , deday

return (21 & y);

toget accorde from = + open) to