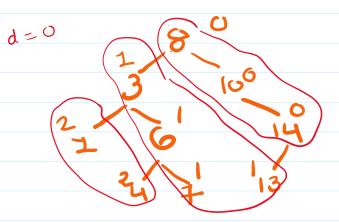
## Diagonal Traversen



=> going left +1
going right
noting

0 = 781014 2 8 10 14 3 6 7 13 1 = 7367 13 1 4  $2 \Rightarrow 14$  H myp 4 sing

Zig-zag Fraversal

3 1eft - 70 h

 $\frac{9}{15} \frac{20}{1} - 3$ 

(3) Ro 9) (15 7) Flag=true 3<sup>2</sup>

Flag=true 3<sup>2</sup>

Flag=true 3<sup>2</sup>

Flag=true 3<sup>2</sup>

Flag=true 3<sup>2</sup>

Flag=true 4 20 - L to 9 Enild Push

Flag=False 9 20 - L to 9 Enild Push

Flag=TLtoR = + rue

[20,9] A vector on end on J flag

[15,1] Vector on end on J flag

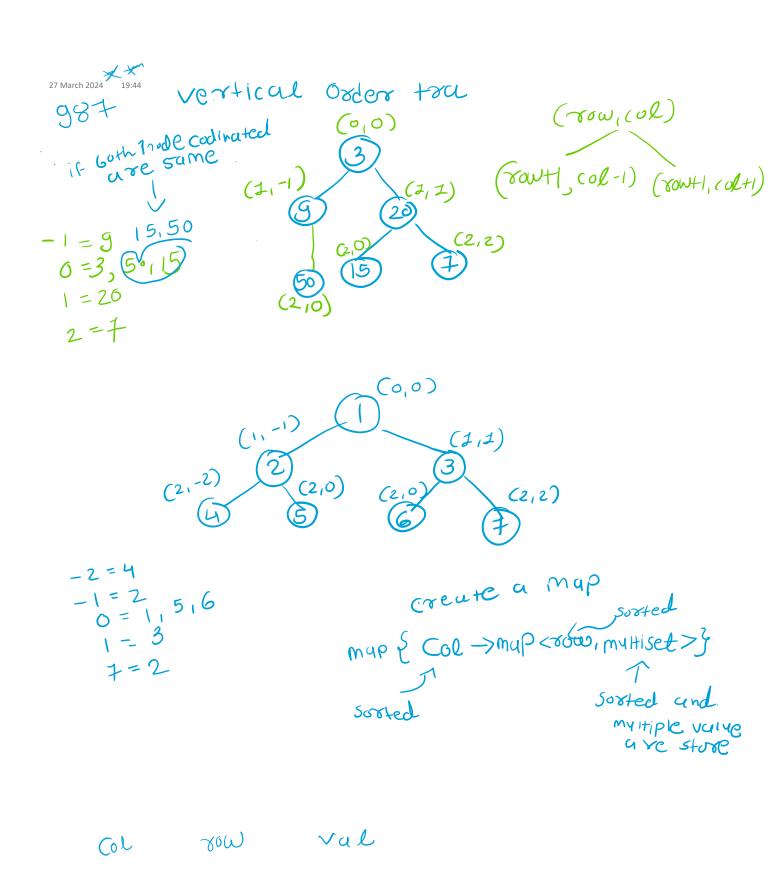
Fulse 5124

Fulse 5124

grg:

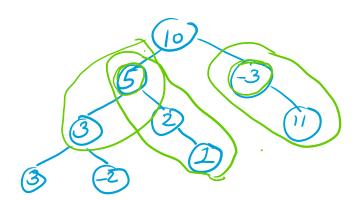
Trunsform to sum Face

(1) left Node will be Zero



 $0 \qquad 0 \longrightarrow 1$ 

K-sum paths



turget sum = 8

path=3

Break it down

8 Lykyen root se Path ala hai?

311 5 300t

31-8-5

2 1-3-2

28 March 2024 10:54 Morris Trace

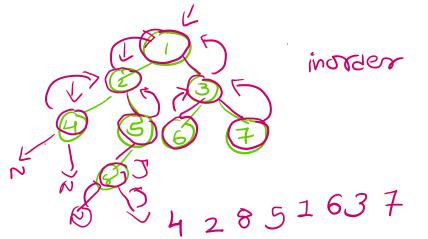
Sy

Inorder Hrav =7

order trav =7 TC(o(m)) => O(n) 2 section SC(o(n)) => O(1) SC(o(n

inorder (900t-) left)
(out < 900t-) data
inorder (900t-) hight)

Mossis Isa => inoses => O(n) = Tc  $O(\pm) = Sc$ 



mye sidha 5 to 1 janahai

Tree > left

Tree > left

Tright

Trandom pointer

Trandom pointer

Trandom printer

Trandom pointer

Trandom

Trandom pointer

Trandom

Trandom pointer

Trandom

Tra

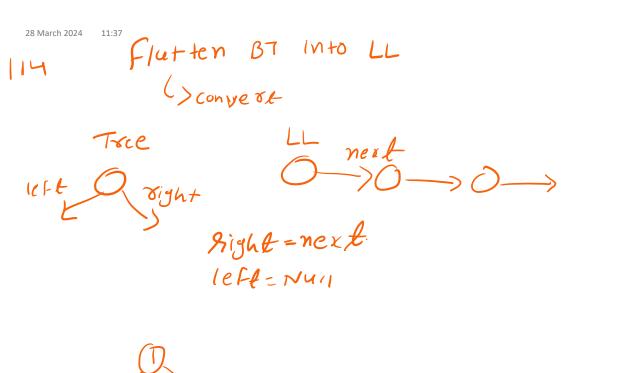
1->5

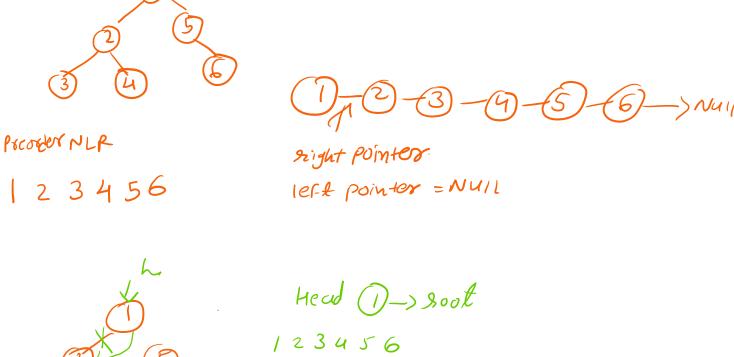
while (curr) curr = 900+3

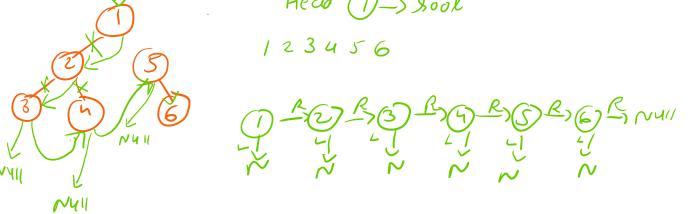
2
11 left is null then, visit it
else 2 left + Null

- 1) predecessor find
- 2) is right node null then, go lest after establising link from predsour to cur
- 6 18FP is arready visited, 90 right after visiting curric remaning connection

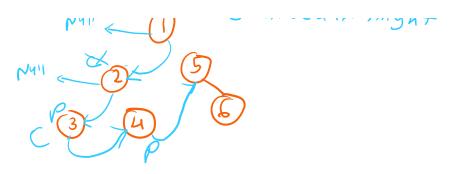
4 2651738







Nyll Culs = Culs -) Sight

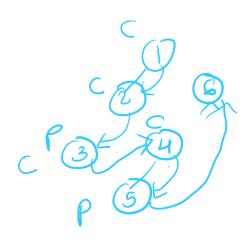


Pred-> sight = cuss -> vight.

CMSS-> sight = cuss-> left.

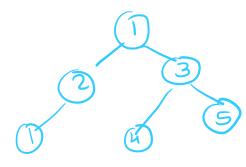
CMSS-> left = NUII

MOVE CMSS = CMSS-> right



123456

maximum sum of Non-adjacent Nodes



Sym=rincheding all nodes at there not choose I then that child

$$C1 = 1_{11}, 4_{1}, 5_{11}$$

$$C2 = 2_{1}, 3_{11} = 5_{11}$$

$$C4 = 4_{1}, 5_{1}, 1_{11} = 1_{11}$$

$$C5 = 5_{1}, 4_{1}, 1_{11} = 1_{11}$$

1+4+11
not include

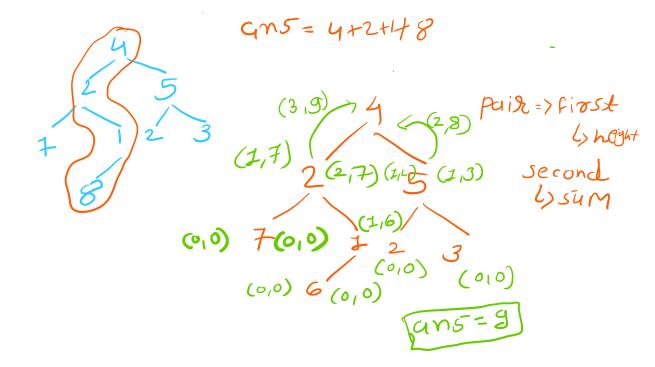
(1,2/3/41/516)

not include

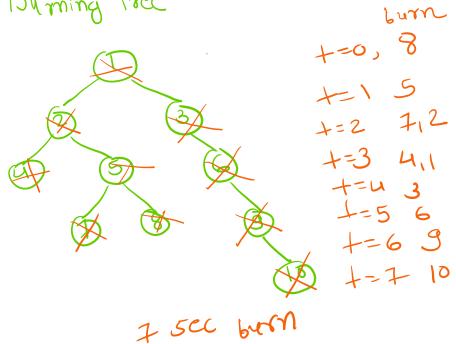
(3,5/6)

(4,0) (4) (50) (60)

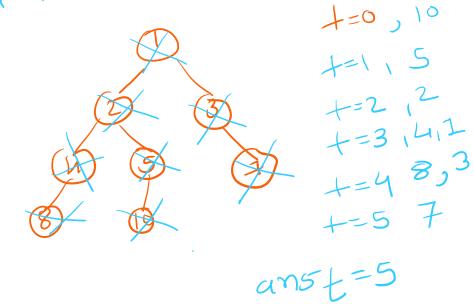
## grg Sum of the longest Blodline



grg Burning Tree

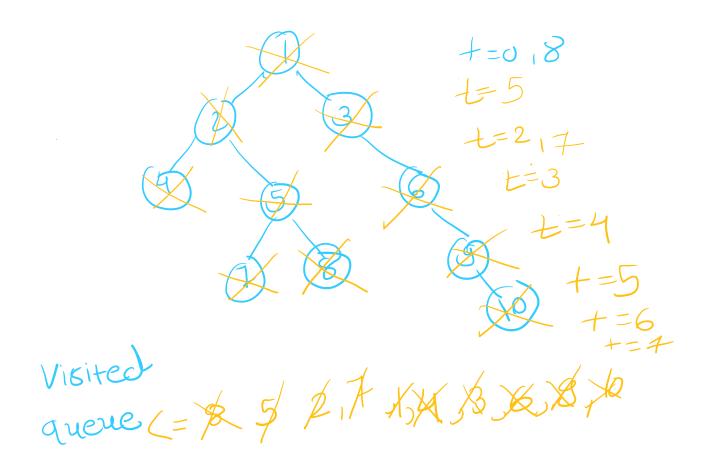


turget=10

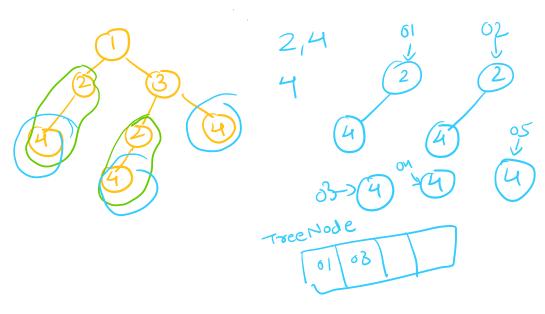


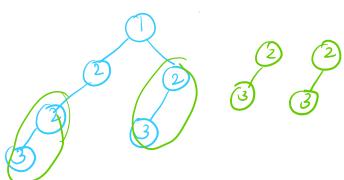
D Find turget Node

D make node to parent node mapping



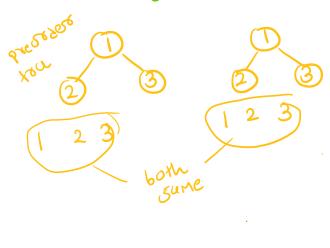
## 652 Find Duplicate Subtrees





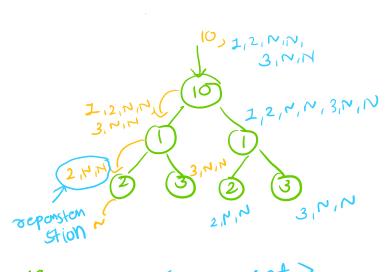
(nI) Brute Force O(n2)

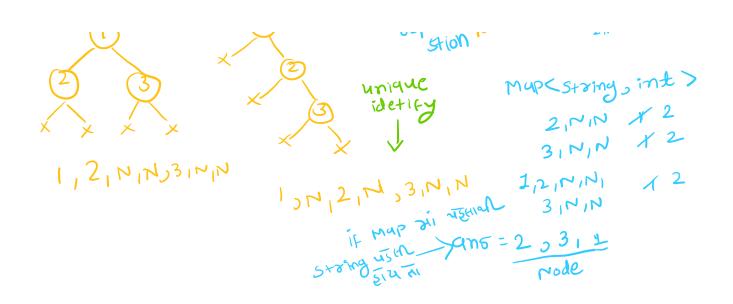
When check other node by them check











P32141212 2 2141212 3 2141212 41212 41212 41212 41212 41212

4,NNN XZ3 23 214,N1N1N1 XZ if 1 equal  $\overline{\epsilon}$ 124  $\overline{n}$ 1 214,N1N1N1 1 2 and 211 store.