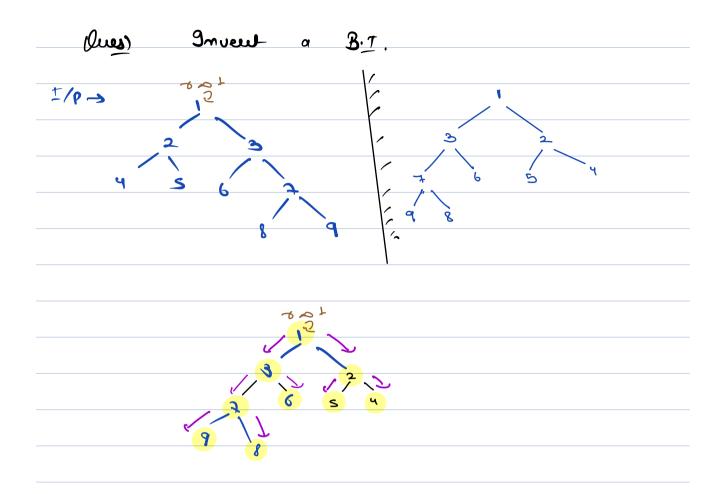
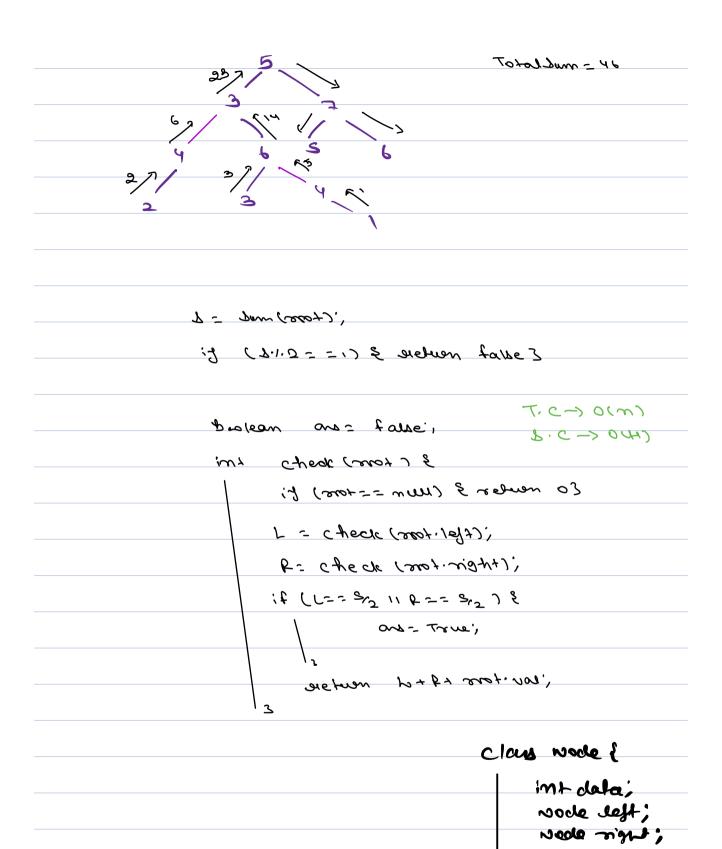
· Today's Content
Invert Binary Tree
Equal bee foulthian
New Painter B.T.
Root to led path sum = 10.
Diameter of B.T.



301: A woder	smap 1 & f shild,	
·		ていつっつい
biau	3 (toon) Lusuni	કે·C→ ૦૫૧)
	endor 3 (num ==+1018) fi	3
	temp= rest. left;	7
	rotilett - motivisht	Swap left &
	rotinght = temp	<i>J</i>
	invert (septileft)	
	invert (motingly)	١',
1.	3	

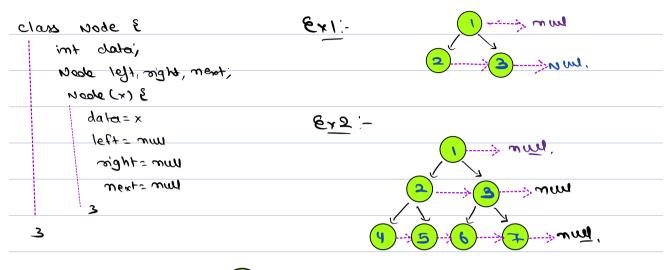
Equal Tree Portition
Ques? Check if it is possible to remove an
edge from b.t. s.t., the sum of
resultant two trees is equal.
·
Jun = 46.
3 7
2 3
2 3 4
`\
Obs-1:- If total sum of the Tree is 8,
Low I wood brook sould have I'm I
2011 THE SWOTTERS WOULD THAT SWITZ.
Obs 2:- If total sum is add, oder faire,
check if there's a subtree
with sum = &
2

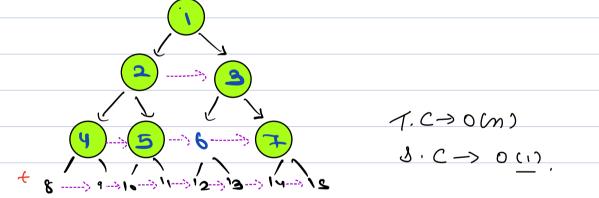


Nede ment;

updale each nedd's mest fainter to feint?  the nest nedd in Seve Loud.  Jesuel Order (Node 2004) &  Jesuel Order (		to mull.
Jamel Order (Node root) &  Jones (Node) q;  q. add (200+);  while (q. size ()>0) &  for (i=1; i<=m; i+1) & if (i;=m) &  Node front = q. peak();  q. add (tront. 12ft;=mun) &  if (front. 12ft;=mun)	•	
Jesuel Order (Node root) {  Overe < Node > q;  q. add (800+);  ushile (q. size (>>0) {  Node front = q. peak(?;  print (front data);  q. add (400+);  if (400+) rept;  q. add (400+);  q. add (400+	the next mede in	Sero Jevel.
Queue < node > q;  q. add (200+);  while (q. size () > 0) {  node front = q. peak();  print (front data);  if (front left = null) {  q. add (tront left);  1. C = 0 (m)  if (front night); null {  q. add (tront night);  q. add (tront night);	(toor show) reshor (smel	£ / \ / \
q. add (see t);  while (q. size () > 0) {  for (i = 1', i <= m', i > 1) {  Node front = q. Peak();  q. semene ();  q. eadd (front. left);  q. add (front. left);  1 (front. left) = mull {  1 (front. left) = mull {  1 (front. left);  q. add (front. left);  1 (g. som)  1 (g. som)  1 (g. som)		4 S-76
while (q. size ()>0) {  for (i=1', i<=m', i+1) {    Node front = q. peak();    Print (front data);    1 (front left = num) {    1 (front left = num) {    1 (front night; = num) {    1 (front night; = num) {    2 (dont night; = num) {    3 (dont night; = num) {    4 (dont night; = num) {    5 (dont night; = num) {    6 (dont night; = num) {    7 (dont night; = num) {    7 (dont night; = num) {    1 (dont night; = num) {    2 (dont night; = num) {    2 (dont night; = num) {    3 (dont night; = num) {    4 (dont night; = num) {	• •	8> 9> 10>
d. agg ( prout. vidy).)    d. agg ( prout. vidy).)    d. agg ( prout. vidy).)    d. agg ( prout. vidy).    d. agg ( prout. vidy).    d. agg ( prout. vidy).    d. agg ( prout. vidy).   d. agg ( prout. vidy).   d. agg ( prout. vidy).   d. agg ( prout. vidy).		
fore (i = 1', i <= m', i + 1) & if (i !: = m) &  100de front = 9. feek();  1 (front . data);  1 (front . right !:= nam) &  1 (front . right !:= nam) &  2 . c + 0 cm)  3 . c + 0 cm)	(0<0) pe	
13 ( front. right);  13 ( front. right);  14 (front. right);  15 ( front. right);  2 ( front. right);  3 ( front. right);  4 (front. right);  4 (front. right);  5 ( front. right);  6 ( front. right);  7 ( front. right);  8 ( front. right);  9 ( front. right);  10 ( front. right);  11 ( front. right);  12 ( front. right);  13 ( front. right);  14 ( front. right);  15 ( front. right);  16 ( front. right);  17 ( front. right);  18 ( front. right);  19 ( front. right);  10 ( front. right);  10 ( front. right);  11 ( front. right);  12 ( front. right);  13 ( front. right);  14 ( front. right);  15 ( front. right);  16 ( front. right);  17 ( front. right);  18 ( front. right);  19 ( front. right);  19 ( front. right);  10 ( front. right);  10 ( front. right);  10 ( front. right);  11 ( front. right);  12 ( front. right);  13 ( front. right);  14 ( front. right);  15 ( front. right);  16 ( front. right);  17 ( front. right);  18 ( front. right);  19 ( front. right);  19 ( front. right);  10 ( front. right);  10 ( front. right);  10 ( front. right);  11 ( front. right);  12 ( front. right);  13 ( front. right);  14 ( front. right);  15 ( front. right);  16 ( front. right);  17 ( front. right);  18 ( front. right);  19 ( front. right);  19 ( front. right);  10 ( front. right);  11 ( front. right);  12 ( front. right);  13 ( front. right);  14 ( front. right);  15 ( front. right);  16 ( front. right);  17 ( front. right);  18 ( front. right);	·	
q. add ( tront. right);		
3 add ( front . right);   3 ( -> 0 cm)     1 ( front . right := num) &		-> front west = d. Beater
(1 (front. 19t1; = nam) &  (1 (front. night; = nam) &  (2 · add (tront. night);  (3 · add (tront. night);  (4 · add (tront. night);		/ 3
if ( front. right ; a num) & J. C -> O(m)    q. add ( front. right);   q. add ( front. right);		
if ( bront. right 1 = new) &    q. add ( tront. right);		1.0 = 0100
id ( front. vidy);	12	J.C - Om)
2 1 1 1 1 1 1 2 1	(fl. gront. right is mus)	
2 1 1 1 1 1 2 1	algor . Iront . page . p	77',
	3	

## Dues fill mext in Perfect Expected Sico our Binasy Tree

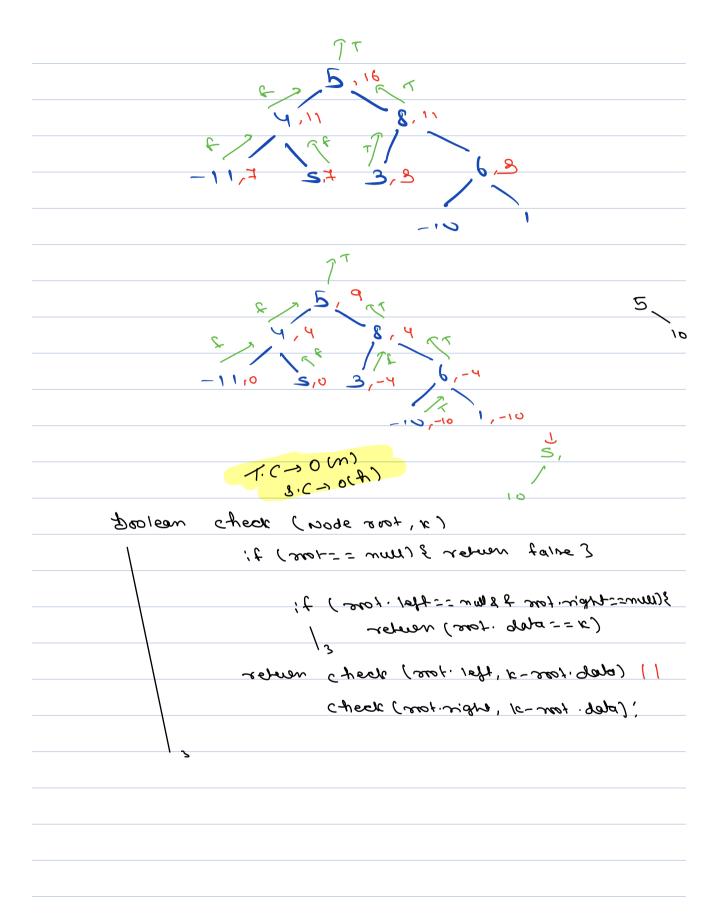


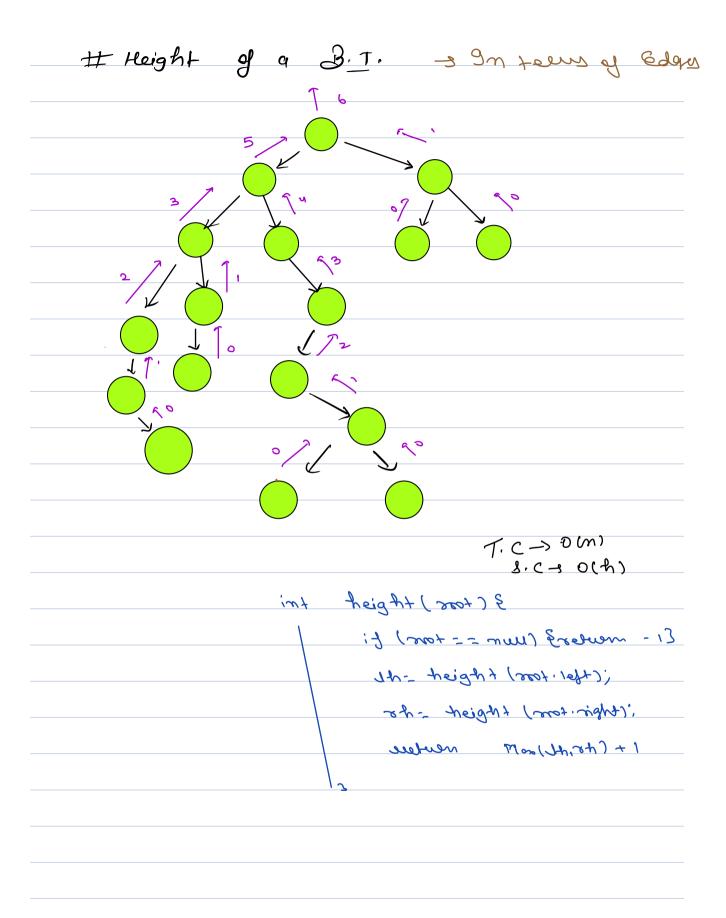


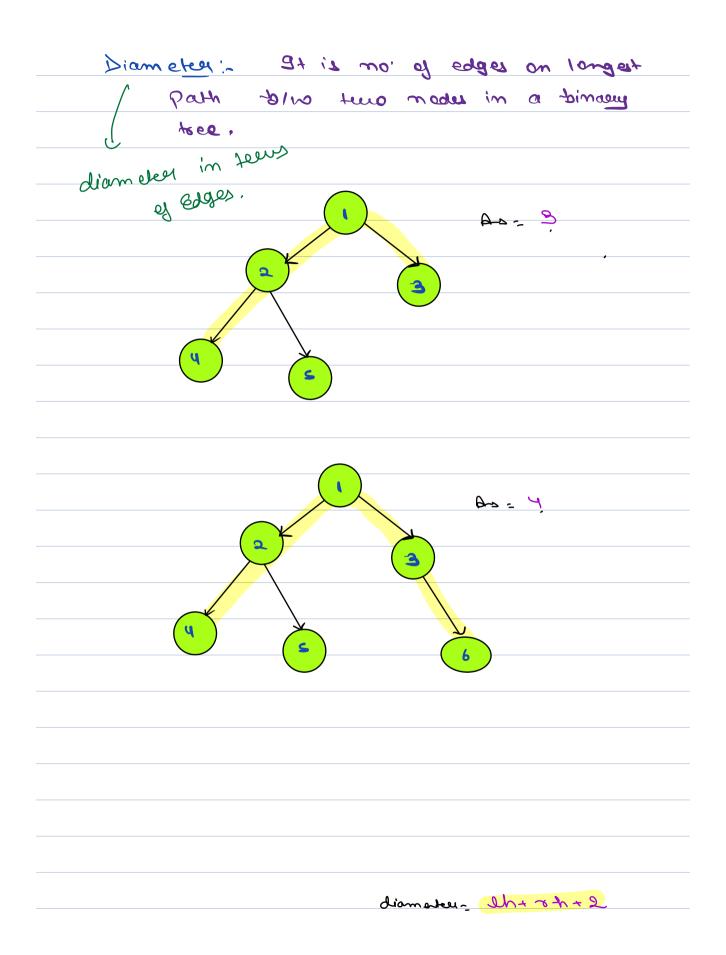
+= 200+; while ( E. left ! = mul) & Node 1= t'

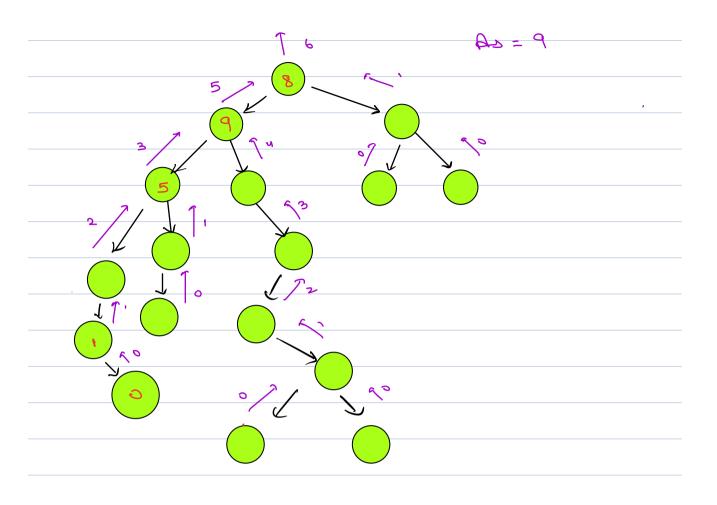
```
while (+!= null) &
     tiletinent = tinight
     if (f. westiz mul) }
      t. might. mest= t. mest. left
      t= t. ment;
  E= 2.18+
```

dual. check if given binary Tree, how any one,
met to led fath sum=10.
K=16,=3 Tous.  K=-2 => Tous
= / /
K= 9 -3 Tone -11 5 3
_10









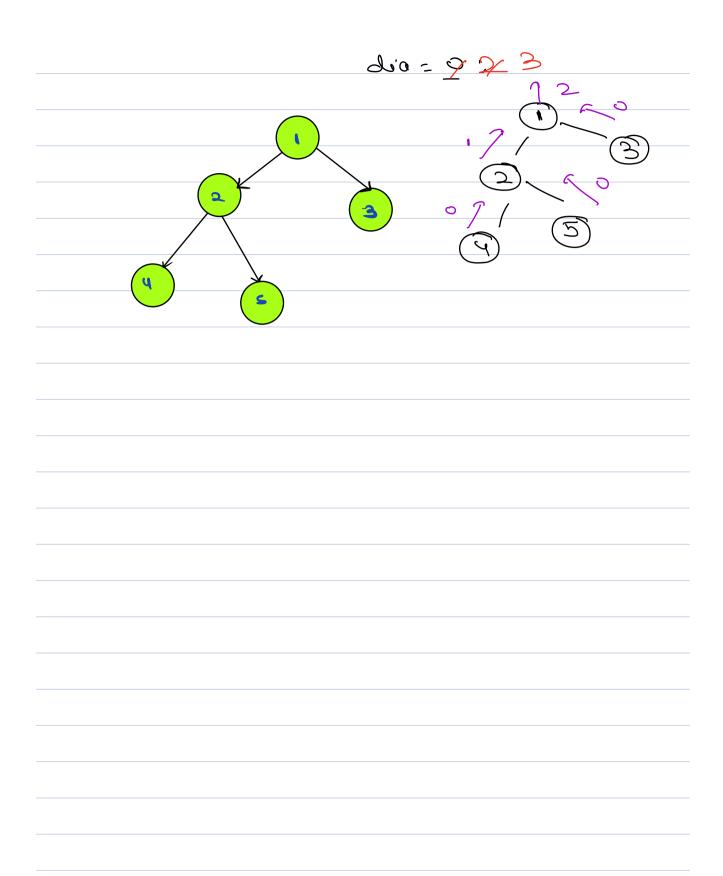
int diameter = 0;  $J.C \rightarrow O(m)$  $J.C \rightarrow O(H)$ 

int height (seet) & (toot) + feight (seet);

the sheight (seet);

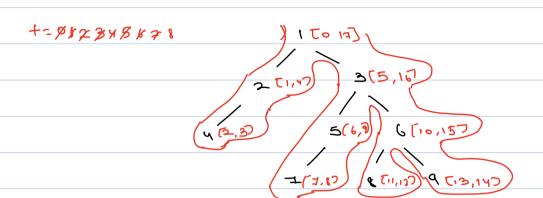
the height (seet);

The (diameter) and newtere





DIA Ion by Imares
126 · w64
S marly
4 months (months) 31511. Cm
25. cupui = 3 291.



T=0;

raid Travewal (mot) {

if (mot == mu) function 3

in (arot) = T;

T+t;

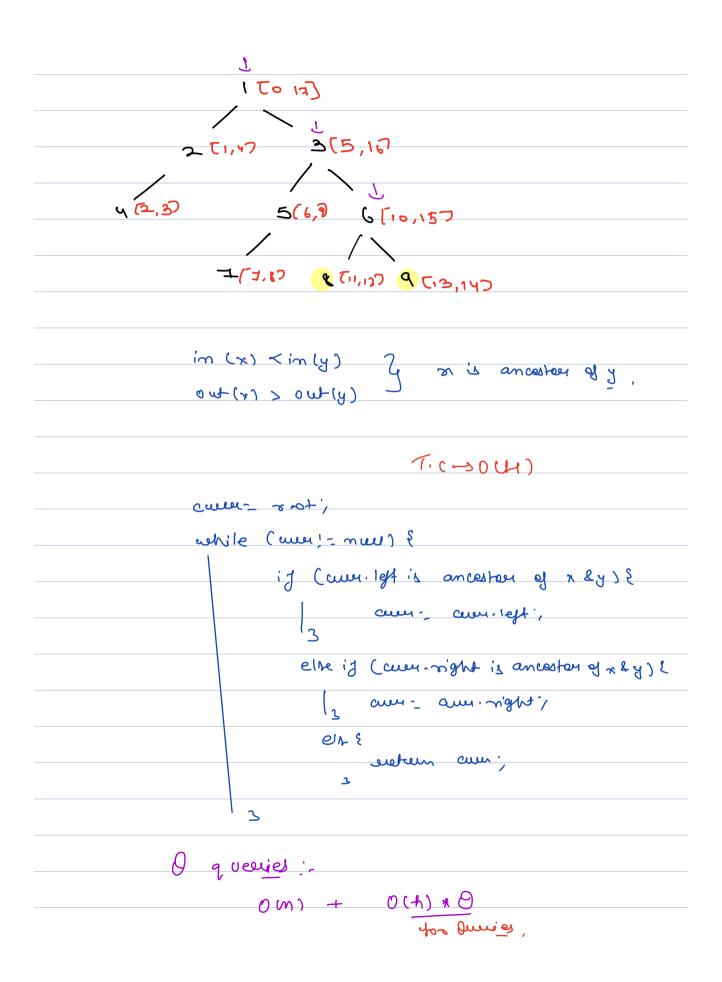
Travewal (mot left);

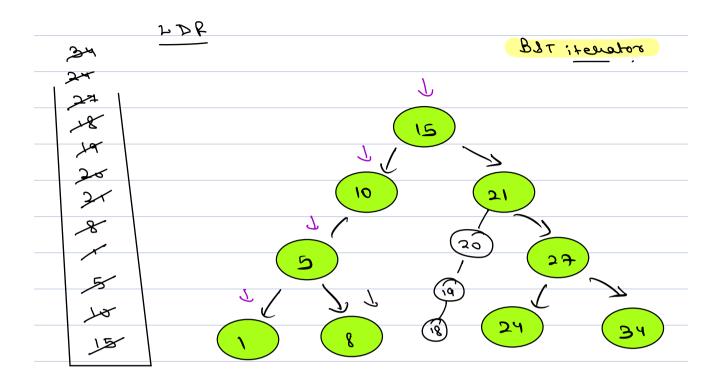
Travewal (mot night);

0ut (mot) = T

T+t;

3





## 1 5 8 10 15 18 19 20 21 24 27 34

