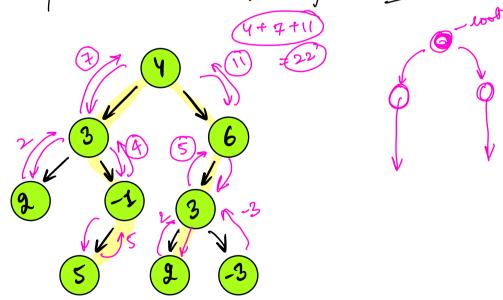
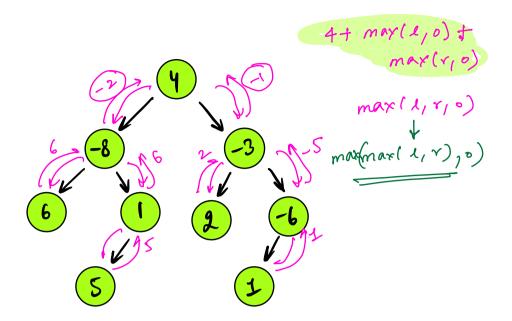


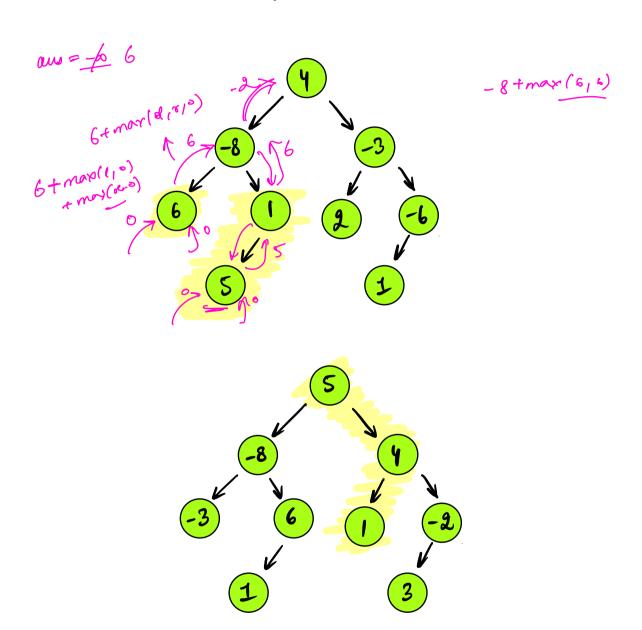
## roof. deta + max( LST' volve, RST' volve, 0);

mor path sum access/contain the vot





. Maximum part sum gog trugt ag node



```
int maxpathoum (Node root)

if ( noot = = null) return 0;

int l = maxpathoum ( noot lift);

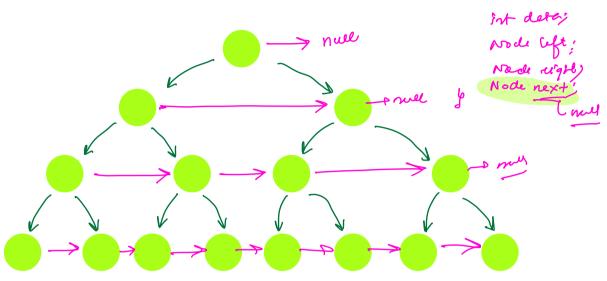
int l = maxpathoum ( noot eight);

au = max( an o noot data + max(1/0) + max(1/0));

return noof data + max(1/0);
```

papulation Réglit Next pointers.



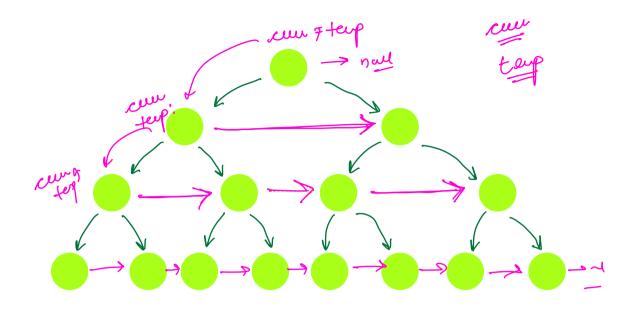


level orde travusel (by add) null)

temp. nest = 9. front ()

S-C: o( max node,

5.0:0(1)



```
while ( com | = null ko com + Cft | = mell)

tup = com;

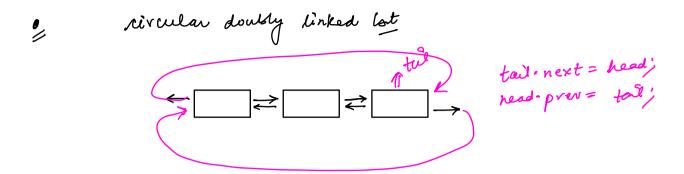
while ( temp! = null)

temp. left. next = temp. right;

temp. light. rext = temp. next. (afo;

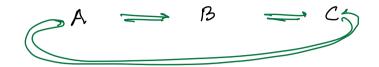
temp. left.

y
```



2 CDLL, merge these

o nego 3 cou



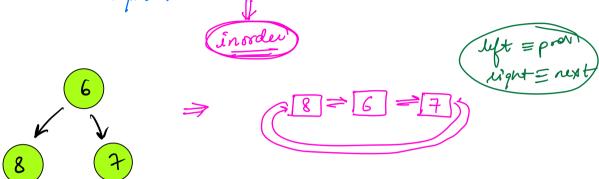
Node meye 3 CD(( hi, h2, h3)

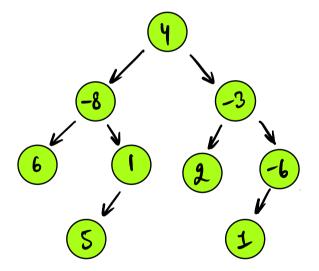
Lete mye2 CD(( heye 2 CD(( h1, h2), h3))

J

g gwen a BT, convert it into COLL in-place

All nodes on LST will come on apside of node and all nodes on RST will come on



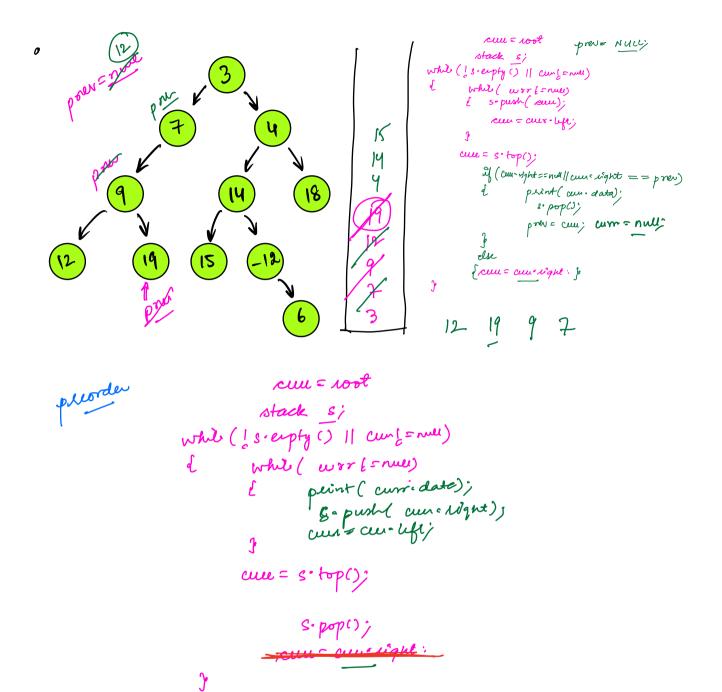




T.(:0(n)

BT2COLL (Node rood)

A(not == null) atu Nul) Node i = BT2CD((wot. 6f1); Nod & = Bt2 CDIV roof engly 1001. Uft = 1001; wood wight close; esteur nego 3 COU(1, soot, 1)



postral

```
cun = noot prev= NUCL;

stack s;

whit (!s.expty() || cum[= mu)

d whit ( wor [= mu);

cun = cux.lift;

}

cun = s.top();

al (cun.vight == null || cun.right == prev)

d print ( cun.data);

s.pop();

prev = cun; cun = null;

else

{cun = cun.right; }

}
```