116. Populating Next Right Pointers in Each Node <Medium>

Node\* connect(Node\* root) {

if(!root) return root;

Node\* Pre = nullptr;

Node\* cur = nullptr;

queue<Node\*> Q;

Q.push(root);

while(!Q.empty()){

int size = Q.size();

for(int i = 0; i < size; ++i){

Pre = cur;

cur = Q.front();

Q.pop();

if(i > 0){

Pre->next = cur;

}

if(cur->left) Q.push(cur->left);

if(cur->right) Q.push(cur->right);

}

cur->next = nullptr;

}

return root;

}