```
const dummy = new Node();

while(ptr1) {
    let ptr2 = dummy;
    while(ptr1) {
        if(ptr1.left) {
            ptr2.next = ptr1.left;
            ptr2 = ptr2.next;
        }
        if(ptr1.right) {
            ptr2.next = ptr1.right;
            ptr2 = ptr2.next;
        }
        ptr1 = ptr1.next;
    }
    ptr1 = dummy.next;
}
```
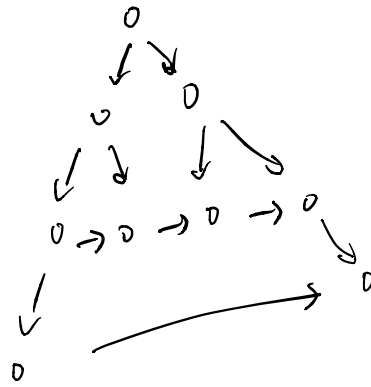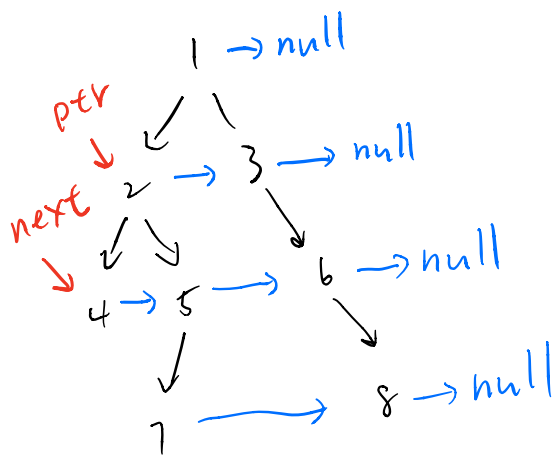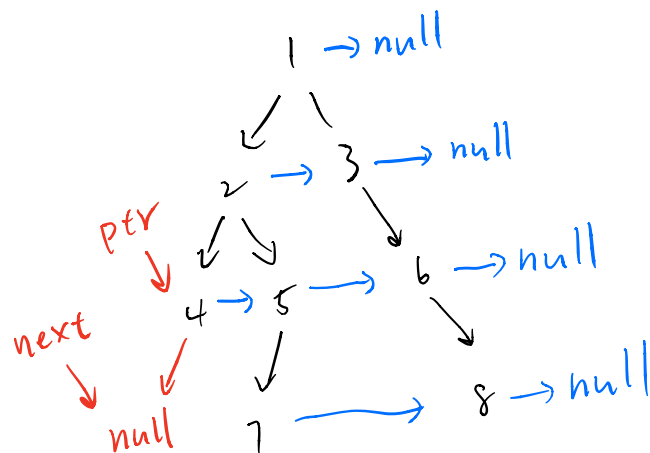
```
if (ptr.left) {
    ptr.left.next = getNext(ptr);
}

if (root.right) {
    ptr.right.next = getNext(ptr.next)
}

ptr = ptr.next
```

```
if( !next) {
    next = ptr.left || ptr.right
```