

HW1 Q4

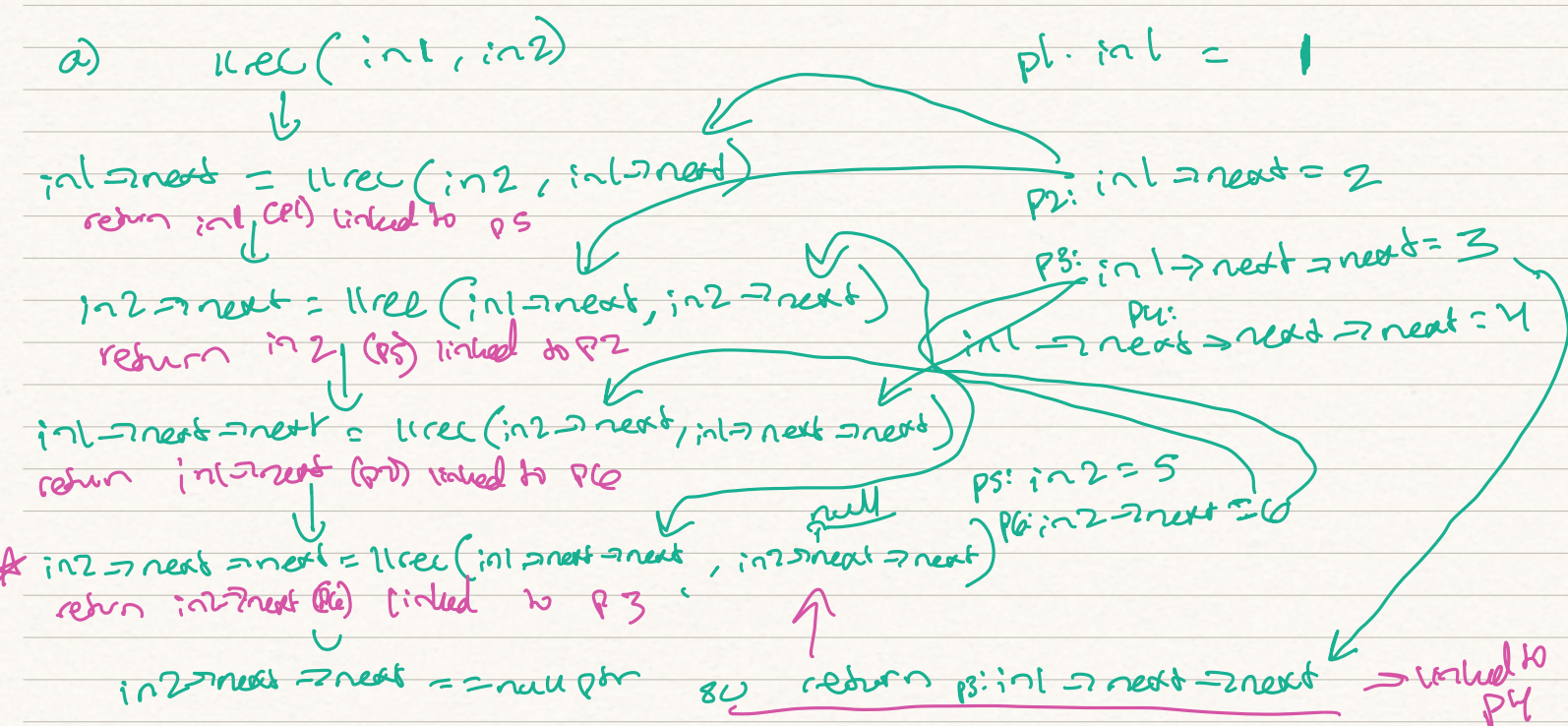
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```

struct Node {
    int val;
    Node* next;
};

Node* llrec(Node* in1, Node* in2)
{
    if(in1 == nullptr) {
        return in2;
    }
    else if(in2 == nullptr) {
        return in1;
    }
    else {
        in1->next = llrec(in2, in1->next);
        return in1;
    }
}

```



bandage is called now a pink stars above mean hit

$in2 \rightarrow next \rightarrow next = p3$ $in \rightarrow next$ of null

$$\text{int} \supset \text{rest} \supset \text{rest} = \text{Pb}$$
$$\text{interest} = 22$$

interest = 85

return linked list;

$P1 \supset P5 \supset P2 \supset P6 \supset P3 \supset P4$

1 5 2 6 3 4

b)

llrec(in1, in2)



returns in2 list
one node with value of 2

in1 = nullptr

in2 = 2