

All of the points for this problem will be assigned based on your explanation, since we have full faith in your ability to run this program and copy down the answer.

```

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;
    }
}

```

Question a: What linked list is returned if llrec is called with the input linked lists in1 = 1,2,3,4 and in2 = 5,6?

Question b: What linked list is return if llrec is called with the input linked lists in1 = nullptr and in2 = 2?



