

14%

1) 1, 2, 3, 4, 5, 6, 1, 2, 3, 6, 2, 3 will be returned

struct Node {

int val

Node* next;

};

Node* llrec(Node* in1, Node* in2)

{

if (in1 == nullptr) {

return in2;

else if (in2 == nullptr) {

return in1;

}

else {

in2->next = llrec(in2->next, in1->next);

return in1;

~~During the 1st iteration
{ 1, 2, 3, 4, 5, 6 } is
returned
However~~

{ 6 } → next, llrec { 2, 3 } NOW

is the last value

that is returned

So...

llrec is { 2, 3 }

Then { 6, 2, 3 }

Then { 1, 2, 3, 6, 2, 3 }

Then { 1, 2, 3, 4, 5, 6, 2, 3 }

b) if 1 = null at in2 = 2, only 2 is returned
because llrec(null, 2) → 2