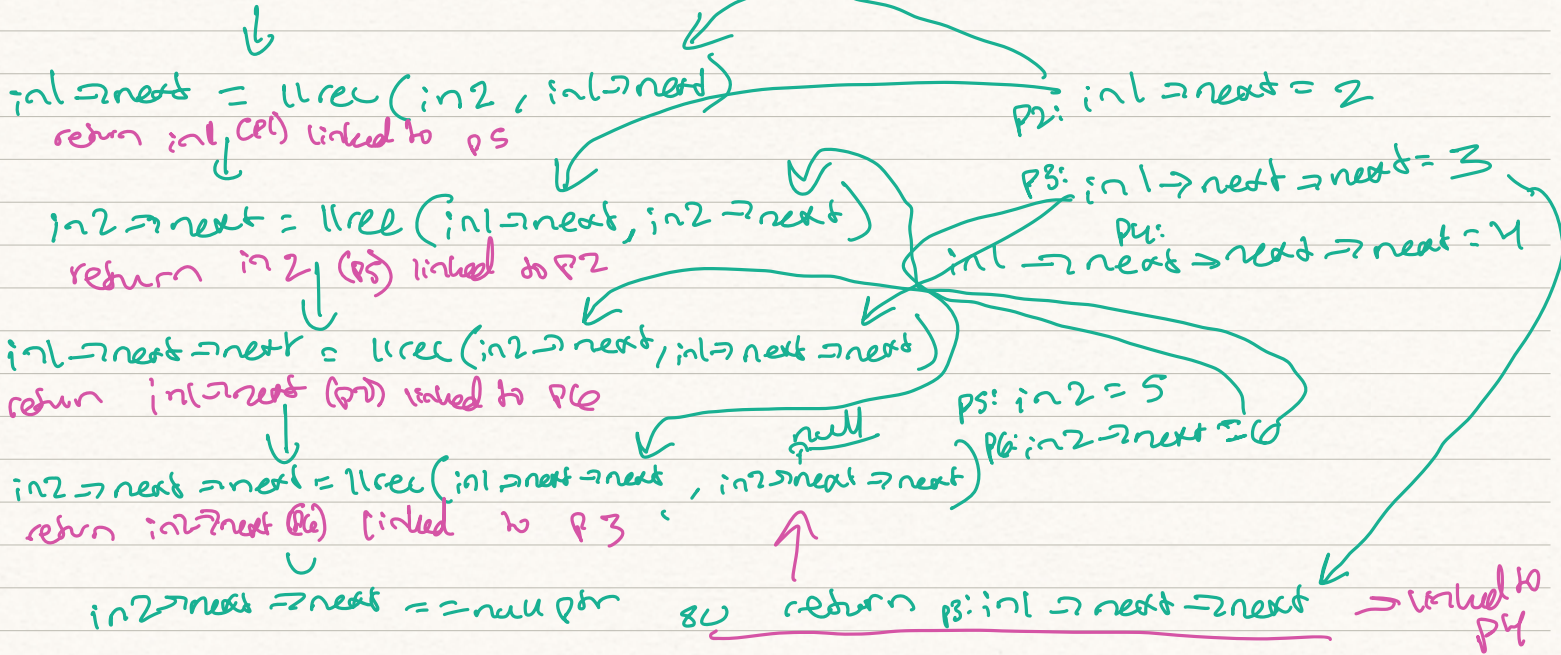


a) $llrec(in1, in2)$

$p1: in1 = 1$



Backtrace of calls now as pointer starts above mean list

$in2 \rightarrow next \rightarrow next = p3$ $in1 \rightarrow next$ of null

$in1 \rightarrow next \rightarrow next = p6$

$in2 \rightarrow next = p2$

$in1 \rightarrow next = p5$

returned linked list:

$p1 \rightarrow p5 \rightarrow p2 \rightarrow p6 \rightarrow p3 \rightarrow p4$

$1 \rightarrow 5 \rightarrow 2 \rightarrow 6 \rightarrow 3 \rightarrow 4$

b)

llrec(in1, in2)

↓
return in2 - 2

in1 = nullptr

in2 = 2