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q4_answers
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Assuming the mitial inputs are the head nodes of the two Linked Lists

call 1 (mitial): in1 = p1
in2 = p5

in1 -> nex+ =

call 2:

in 1 = p5 m2 = p2

in1 > next = 1

Call 3:

in 1 = p2 in 2 = p6

m1 = next =)

 $in 1 \rightarrow next = 1$

call 5:

in 1 = p3in 2 = null phr

Question b:

Call 1 (intial): in2 is returned because in1 is a nullpt

mInext = p5 > p2 > bu -> p3

return in1: p1>ps>p2>p4>>p4

Mrec returns "p1->p5->p2->p0->p3->p4"

This linked list where pt is a node with the number as its value a which points to node after it in the sequence.

M1 +mpl = p2 > p4 - 9 p3

in1-nex+= p3