

Part A:

in1 = 1, 2, 3, 4 in2 = 5, 6

Final Linked List:

1, 5, 2, 6, 3, 4

Run 1: neither null

~~int~~ return recursive call

node* 5, 2, 6, 3, 4

→ Run 2: in1 = 2, 3, 4
in2 = 5, 6

llrec(~~5~~ in2, in1)

no null

node* 2, 6, 3, 4

return Recursive call = llrec(in1, in2 → next)

Run 3: in1 = 2, 3, 4
in2 = 6

(in2, in1) node* 6, 3, 4

Run 4: in1 = 3, 4
in2 = 6
return in2

llrec(in1, in2 → next)
→ node* 3, 4

Run 5: in1 = 3, 4
in2 = null
return in1

Part B:

in1 = null

in2 = 2

Run 1: return in2

Final Linked List:

2