

# Problem 4

q4 - answers

Russell Rodriguez

a)

in1 = 1, 2, 3, 4

in2 = 1, 6, 3

llrec(in1, in2)  
(1) (5)

1, 5, 1, 2, 3, 5, 6, 3

llrec(in2, in1)  
(5) (2)

5, 1, 2, 3, 5, 6, 3

llrec(in1, in2)  
(2) (6)

1, 2, 5, 6, 3

5, 6, 3

llrec(in2, in1)  
(6) (3)

in2 → next = 3

5, 6, 3

llrec(in1, in2)  
(3) (nullptr)

in1  
(3)

b)

llrec(nullptr, 2)

in1 = nullptr

in2 = 2

2