Alex Deng CSI04 HWI Q4

In1: →1→2→3→4→null

In2: →5→6→null

llrec (p1, p5)

• p1→next = llrec (p5, p2)
  • return p1   • p5→ next = llrec(p2, p6)

(1→5→2→6→
→3)

                  • return p5   • p2→next = llrec (p6, p3)
                                    • return p2   • p6→next = llrec (p3, null)

        (5→2→6
        →3)

                  (2→6→3)

                                    • return p6   • return p3

                        (6→3)

a) returns: →1→5→2→6→3→null

b) when in1 = nullptr the first if statement runs and llrec just returns a pointer to 2.