4a)   in1   in 2
     1,2,3,4   5,6

llrec(1, 5) in1 → next=5, 2, 6, 3, 4 =7 in1 = 1, 5, 2, 6, 3, 4
ilrec(5, 2) in1 → next = 2,6,3,4 =7 in1= 5, 2,6, 3,4 =7 return in1
llrec(2, 6) in1 → next = 6,3,4 =7 in1 = 2,6,3,4 =7 return in1
llrec(6, 3) in1 → next = 3,4 =7   in1 = 6,3,4 =7 return in1
llrec(3, nullptr) in2 == null ptr =7 in1= 3, 4 =7 return in1

returns 1, 5, 2, 6, 3, 4

4b) in1   = null ptr
     in2 = 2

   in1 == null ptr =7 return in 2;
                      2 is returned.