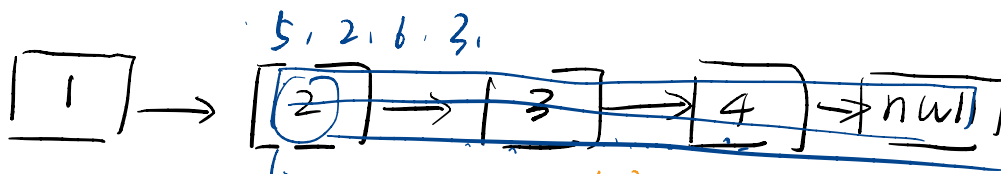


Question (a):

in 1 :



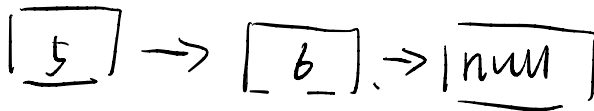
= 11rec({5, 2, 6, 3, null}, {2, 3, 4, null})

= 11rec({2, 3, 4, null}, {6, null})

= 11rec({6, null}, {3, 4, null})

= 11rec({3, 4, null}, {null})

in 2 :



∴ return list : in 1 = 1 → 5 → 2 → 6 → 3 → null

Question (b):

in 1 : [NULL]

if (in1 == nullptr) { return in2; }

in 2 :

[2]

∴ return: in2 = 2.