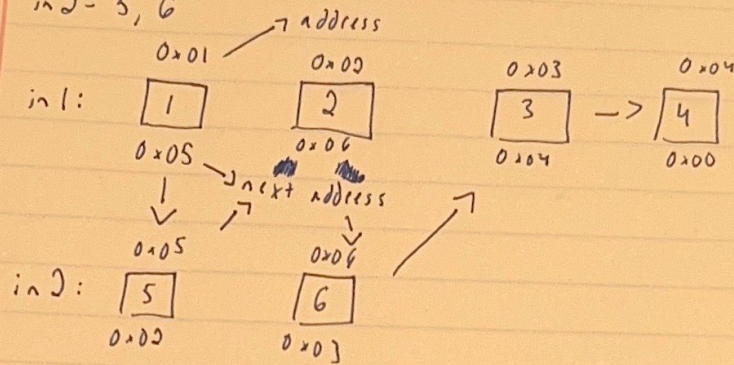


Problem 4

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



llrec (0x01, 0x05)

0x01 → next = llrec (0x05, 0x02) ;

0x05 → next = llrec (0x02, 0x06) ; → 0x05

0x02 → next = llrec (0x06, 0x03) ; → 0x02

0x06 → next = llrec (0x03, nullptr) ; → 0x06

→ 0x03

= [p1 → p5 → p2 → p6 → p3 → p4]

6) in1 = nullptr
in2 = 2

in1 = nullptr so first if statement will run
and return in2

p2