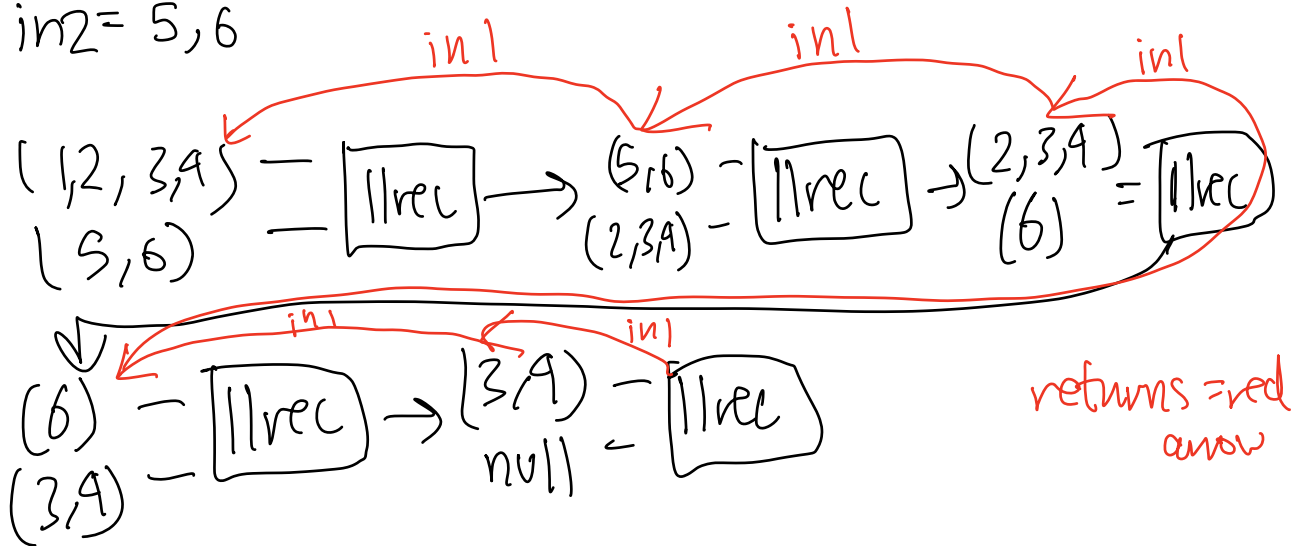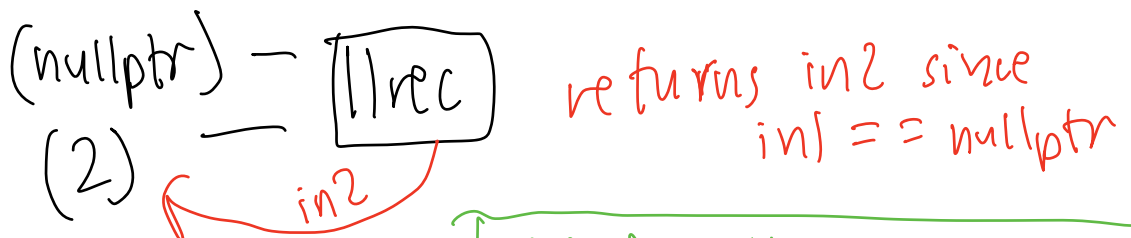Q)A) What linked list is returned if llrec is called with the input linked lists in1 = 1,2,3,4 and in2=5,6

in = 1, 2, 3, 4
in2= 5,6

$(1,2,3,4)$ — [llrec] $\xrightarrow{in1}$ $(5,6)$ — [llrec] $\xrightarrow{in1}$ $(2,3,4)$ = [llrec]
$(5,6)$ $(2,3,4)$ (6)

(6) — [llrec] $\xrightarrow{in1}$ $(3,4)$ — [llrec]
$(3,4)$ null —

returns =red arrow

Since in2 is null and every other function call will execute in the last else-if, we will have it return in1=(1,2,3,4)

Q)B) What linked list

(nullptr) — [llrec]
(2) — in2

returns in2 since in1 == nullptr

Q)B) will return in2=2 since in1 == nullptr.