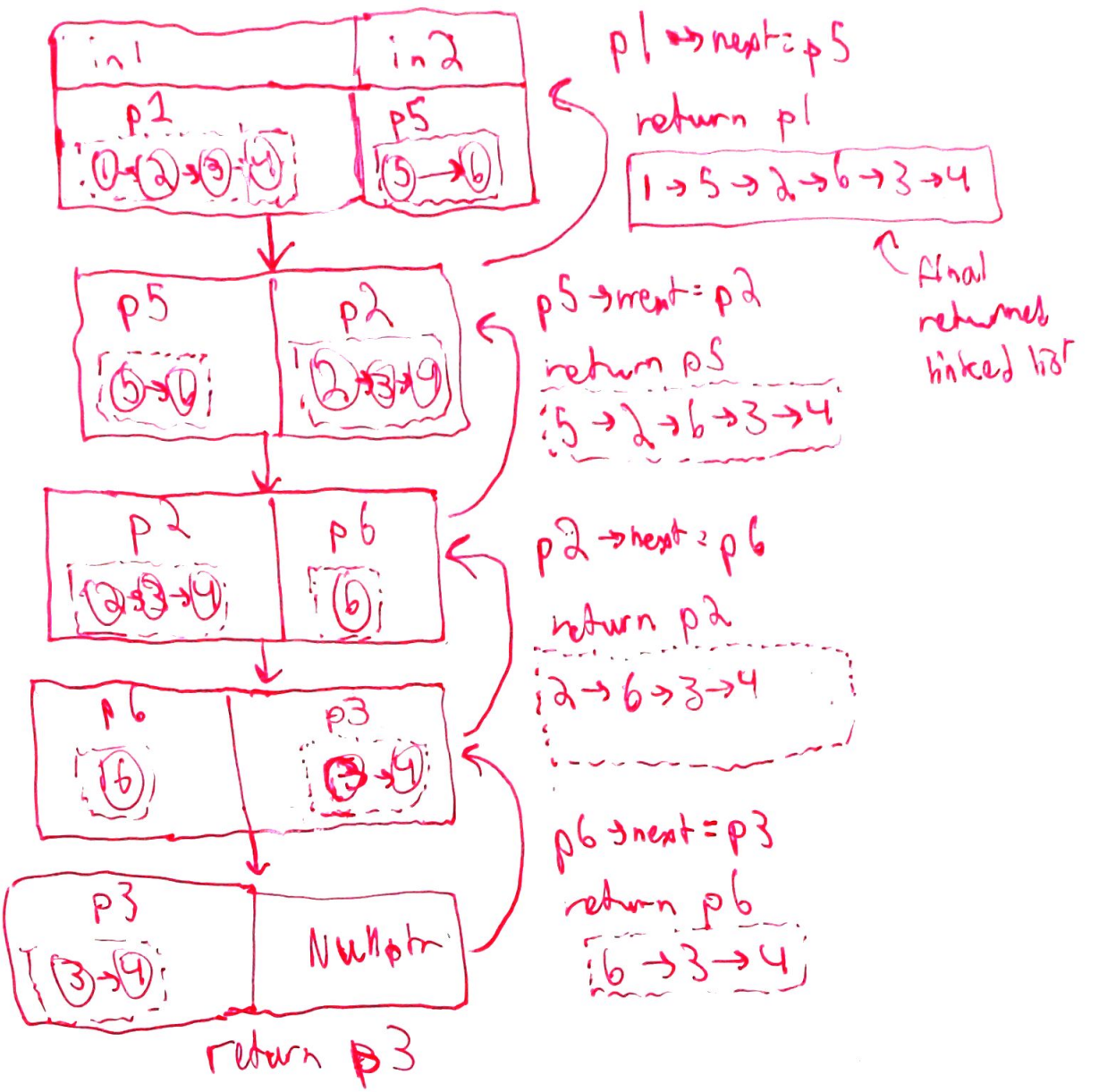
CSCE 104

Q4

a)


in1
in2
p1
p5
p5
p2
p2
p6
p6
p3
p3
Nullptr
p1 → next = p5
return p1
1 → 5 → 2 → 6 → 3 → 4
Final returned linked list
p5 → next = p2
return p5
5 → 2 → 6 → 3 → 4
p2 → next = p6
return p2
2 → 6 → 3 → 4
p6 → next = p3
return p6
6 → 3 → 4
return p3

b)

return p2

final linked list: 2