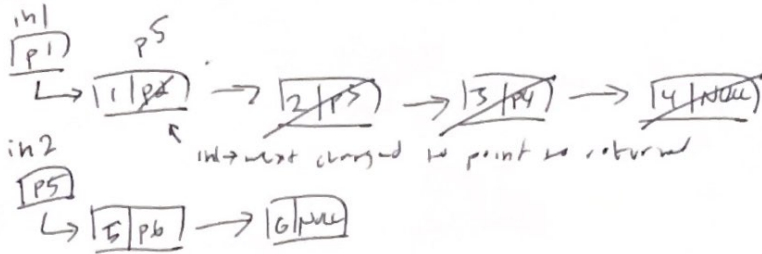
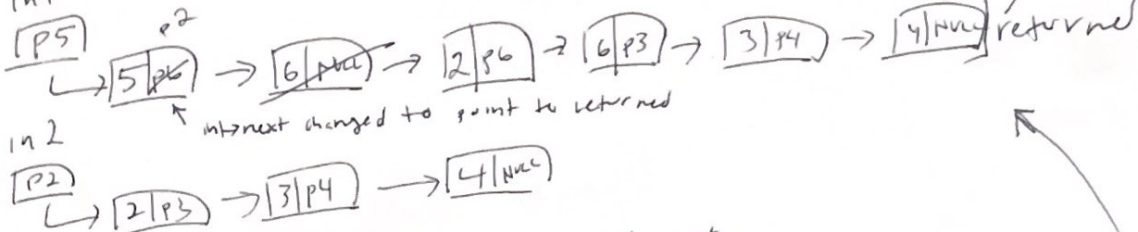


4a

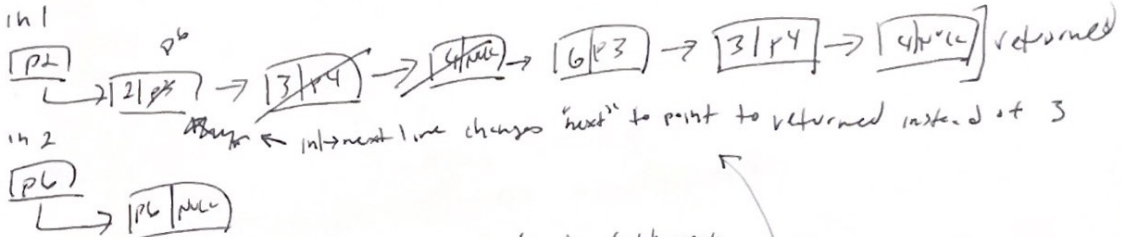
start



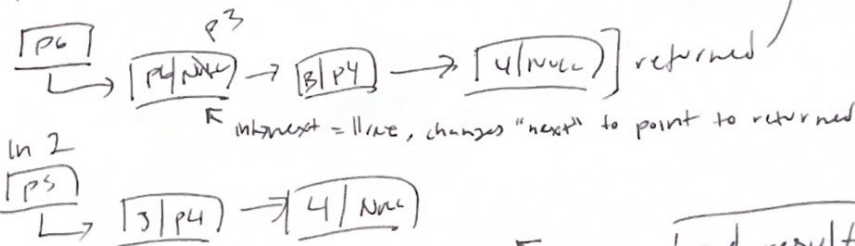
first neither are null so continue to last if statement



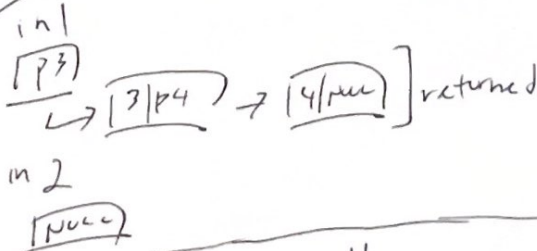
second neither are null so continue to last if statement



third neither are null so continue to last if statement



fourth in2 is null



end result:  
1, 5, 2, 6, 3, 4

4b. first if statement is triggered (in1 == nullptr)  
therefore the returned list is in2 which  
is just [2]