APPROACH:

1. Traverse the linkedlist and find number of 0,1,2 nodes
2. Now traverse the linkedlist once more and change values to construct the desired sorted ll

CODE:  
 def segregate(self, head):

#code here

n1, n2,n3 = 0,0,0

temp = head

while temp:

if temp.data == 0:

n1+=1

elif temp.data==1:

n2 += 1

else:

n3 += 1

temp = temp.next

temp = head

while n1:

temp.data = 0

temp = temp.next

n1-=1

while n2:

temp.data = 1

temp = temp.next

n2-=1

while n3:

temp.data = 2

temp = temp.next

n3-=1

return head