```
HomeWork_Lecture3_BFS+DFS+Sort_Diagram
4/14/17
    2:58 PM
103. Binary Tree Zigzag Level Order Traversal
   Odd level: 2 3 bb = add Lust ()

Then level: To To bb = add Linst ()
                           The Limbed List Class
394_Decode String
    Using stack
    e.g1:
          abstal
                             \leftarrow a
                             €3
             ab
                              一丁书指当与仍不放入私
             ab3
                               < ' a'
              absa
                               仁了'遇知回指考, 流烟客decode3
              abza
                                  :. 被翻横开口处的方面, 奔舷附离路等面
                                    最近的数字、海流字园重复活数字次、
                                    然后烟decode IJ in 自母联等强加图Stack.
                                         3层落在最近的写图
                                       ab3
                                                        \rightarrow 3, a \xrightarrow{\text{decode}} aaa
                                       ab
                                        abaaa
                abaaa
     6.92:
          3[a27667]
                                                 <" t '
                                                 \leftarrow `\alpha'
             3
                                                 ←' ン'
              3 a
              302
              3 0 2
                                                   ←'c'
               3 a 2 b
                zazbc
                                                    < ' ] '
                3 a b c b c
                                                   \leftarrow 171
                aaabcbc
     证:[]惭惭敬敬为不一定是个的数
           :. Char > Int
               Count = count *10 + Ch - '0';
148_Sort List
          3-35-2-6-1-34-nm
       head fase
    nun 3 \rightarrow 5 \rightarrow 2 \rightarrow 6 \rightarrow 1 \rightarrow 4 \rightarrow num
           3 -> 5 -> 2 -> 6 -> 1 -> 4 -> mul
           3->5->2->6->1->4->null
          3 -> 5 -> 2 -> 6 -> 1 -> 4 -> nuh
                     pren slow
         head
         3 -> 5 -> 2 > 6 -> 1 -> 4 -> nuh
                                  6 -> 1 -> 4 -> mm
         3 -> 5 -> 2 -> num
                                                    1->4-> hull
                                       6 > num
                     5 > 2 > null
       3 \rightarrow mu
                                       head 1
                                                   1->nm 4>mm
                             2-> nm 6 -> mm
                    5>null
                                                            b -> null
                                         1-> 4 -> mm
       2 > 3 -> mm 5-> nm
                                          1 >4 -> 6 -> nm
         2 -> 3 -> 5 -> mm
         Slow
```

1 -> 2 -> 3 -> 4 -> 5 -> 6 -> num