class Node(object):

def \_\_init\_\_(self):

self.val = None

self.next = None

class Node\_handle():

def \_\_init\_\_(self):

self.cur\_node = None

def find(self,node,num,a = 0):

while node:

if a == num:

return node

a += 1

node = node.next

def add(self,data):

node = Node()

node.val = data

node.next = self.cur\_node

self.cur\_node = node

return node

def printNode(self,node):

while node:

print ('\nnode: ', node, ' value: ',node.val, ' next: ', node.next)

node = node.next

def delete(self,node,num,b = 1):

if num == 0:

node = node.next

return node

while node and node.next:

if num == b:

node.next = node.next.next

b += 1 node = node.next

return node

def reverse(self,nodelist):

list = []

while nodelist:

list.append(nodelist.val) nodelist =nodelist.next

result = Node()

result\_handle =Node\_handle()

for i in list:

result = result\_handle.add(i)

return result