Question: Given a node, insert at the end of a linked list

## Algorithm:

There are two Possibilities

1 If hinked hist is empty

make the new node the head and return it

2 If hinked hist already has nodes

Traverse the linked list to find the last

keep moving until Node. next == None, This node is our tail Node

Prev Make next of this node to be new node

Make Previous of new node to be tail

## Template to build a node

## Class Node:

```
// Function to implement insertion in tail.
det Insert Tail (head, value):
   new Node = Node (value)
                                    None ( Prev Value next > None
 // check if head is None
   if head == None:
         return newwode
    / find the last Node
     else:
          curr = head
           While Curr.nex+!=None:
               // at each iteration move currone step closer to toil
                curr = curr next
           // by the we exit from the loop curr becomes tail
           Preunode = curr. Preu
           // Change next of tail to be new Node
           CUTT. next = newNode
          // Change Prev of neurode to be Previous tail Node (curr)
           newNode. Prev = prevnode
         // return head
            return head
```

## Example-1: Insert 10 at the end of Given Minked Mist.

