Practice Set

Solution 1:-

```
class Solution
{
   public static Node addOne(Node head)
   {
      int carry=func(head);
if(carry==1){
Node newnode=new Node(1);
newnode.next=head;
return newnode;
}
return head;
   }
   static int func(Node head){

      if(head==null) return 1;
int carry=func(head.next);
if(carry==1){
int sum=head.data+1;
head.data=sum%10;
return sum/10;
}
else return 0;
}
}
```

Solution 2:-

```
class Solution
{
   //Function to count nodes of a linked list.
   public static int getCount(Node head)
   {
      Node temp=head;
      int count=0;
      if(head.next==null){
         return 1;
      }
      else{
         while(temp!=null){
            temp=temp.next;
            count++;

         }
      }
      return count;
   }
}
```