```c
//Count and Sum Linked List

#include <stdio.h>
#include <stdlib.h>

struct Node
{
 int data;
 struct Node *next;
}*first=NULL;

void create(int A[],int n)
{
 int i;
 struct Node *t,*last;
 first=(struct Node *)malloc(sizeof(struct Node));
 first->data=A[0];
 first->next=NULL;
 last=first;

 for(i=1;i<n;i++)
 {
 t=(struct Node*)malloc(sizeof(struct Node));
 t->data=A[i];
 t->next=NULL;
 last->next=t;
 last=t;
 }
}

int count(struct Node *p)
{
 int l=0;
 while(p)
 {
 l++;
 p=p->next;
 }
 return l;
```

```
40: }
41:
42: int Rcount(struct Node *p)
43: {
44:  if(p!=NULL)
45:  return Rcount(p->next)+1;
46:  else
47:  return 0;
48: }
49:
50: int sum(struct Node *p)
51: {
52:  int s=0;
53:
54:  while(p!=NULL)
55:  {
56:  s+=p->data;
57:  p=p->next;
58:  }
59:  return s;
60: }
61:
62: int Rsum(struct Node *p)
63: {
64:  if(p==NULL)
65:  return 0;
66:  else
67:  return Rsum(p->next)+p->data;
68: }
69:
70: int main()
71: {
72:  int A[]={3,5,7,10,25,8,32,2};
73:  create(A,8);
74:
75:  printf("count '%d\n'",count(first));
76:  printf("Sum  '%d\n'",sum(first));
77:  return 0;
78: }
```