

SingleLL5.c DelAtBeg... Submit

1 struct node {  
2 int data;  
3 struct node \*next;  
4 };  
5 typedef struct node \*NODE;  
6  
7 NODE createNode() {  
8 NODE temp;  
9 temp = (NODE) malloc(sizeof(struct node));  
10 temp->next = NULL;  
11 return temp;  
12 }  
13  
14 NODE insertAtBegin(NODE first, int x) {  
15 NODE temp;  
16 temp = createNode();  
17 temp->data = x;  
18 temp->next = first;  
19 first = temp;  
20 return first;  
21 }  
22  
23 NODE deleteAtBegin(NODE first) {  
24 int data = first->data;  
25 first = first->next;  
26 printf("The deleted element from SLL is: %d\n", data);  
27 return first;  
28 }  
29  
30 void traverseList(NODE first) {  
31 NODE temp = first;  
32 while (temp != NULL) {  
33 printf("%d-->", temp->data);  
34 temp = temp->next;  
35 }  
36 printf("NULL\n");  
37 }  
38  
39

Terminal Test cases

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