

```

1 #include <stdio.h>
2 #include <stdlib.h>
3
4 struct Node {
5     int data;
6     struct Node *next;
7 };
8
9 void deleteAtEnd(struct Node **head) {
10     if (*head == NULL) {
11         printf("List is empty\n");
12         return;
13     }
14
15     if ((*head)->next == NULL) {
16         free(*head);
17         *head = NULL;
18         return;
19     }
20
21     struct Node *temp = *head;
22
23     while (temp->next->next != NULL) {
24         temp = temp->next;
25     }
26
27     free(temp->next);
28     temp->next = NULL;
29 }
30
31 void display(struct Node *head) {
32     struct Node *temp = head;
33     while (temp != NULL) {
34         printf("%d -> ", temp->data);
35         temp = temp->next;
36     }
37     printf("NULL\n");
38 }
39
40 int main() {
41     struct Node *head, *first, *second, *third;
42
43     head = (struct Node*)malloc(sizeof(struct Node));
44     first = (struct Node*)malloc(sizeof(struct Node));
45     second = (struct Node*)malloc(sizeof(struct Node));
46     third = (struct Node*)malloc(sizeof(struct Node));
47
48     head->data = 10;
49     head->next = first;
50
51     first->data = 20;
52     first->next = second;
53
54     second->data = 30;
55     second->next = third;
56
57     third->data = 40;
58     third->next = NULL;
59
60     printf("Original List:\n");
61     display(head);
62
63     deleteAtEnd(&head);
64
65     printf("After deleting last node:\n");
66     display(head);
67
68     return 0;
69 }

```

Original List:

10 -> 20 -> 30 -> 40 -> NULL

After deleting last node:

10 -> 20 -> 30 -> NULL