

```
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
34    while (temp != NULL) {
35        printf("%d -> ", temp->data);
36        temp = temp->next;
37    }
38    printf("NULL\n");
39 }
40
41 int main() {
42    struct Node *head, *first, *second, *third;
43
44    head = (struct Node*)malloc(sizeof(struct Node));
45    first = (struct Node*)malloc(sizeof(struct Node));
46    second = (struct Node*)malloc(sizeof(struct Node));
47    third = (struct Node*)malloc(sizeof(struct Node));
48
49    head->data = 10;
50    head->next = first;
51
52    first->data = 20;
53    first->next = second;
54
55    second->data = 30;
56    second->next = third;
57
58    third->data = 40;
59    third->next = NULL;
60
61    printf("Original List:\n");
62    display(head);
63
64    deleteAtEnd(&head);
65
66    printf("After deleting last node:\n");
67    display(head);
68
69 }
```

Original List:

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

After deleting last node:

10 -> 20 -> 30 -> NULL