

Explorer

CircularLL... x

DelAtEnd... x

Submit

1 struct node {
2 int data;
3 struct node *next;
4 };
5 typedef struct node *NODE;
6
7 NODE createNodeInCLL() {
8 NODE temp;
9 temp = (NODE) malloc(sizeof(struct node));
10 temp->next = NULL;
11 return temp;
12 }
13
14 NODE insertAtEndInCLL(NODE first, int x) {
15 {
16 NODE temp2 = createNodeInCLL();
17 temp2->data = x;
18
19 if(first == NULL) {
20 {
21 temp2->next = temp2;
22 return temp2;
23 }
24
25 NODE temp = first;
26
27 while(temp->next != first) {
28 {
29 temp = temp->next;
30 }
31
32 temp->next = temp2;
33 temp2->next = first;
34
35 return first;
36 }
37 }
38
39 NODE deleteAtEndInCLL(NODE first) {
40 {
41 if(first->next == first) {
42 {
43 printf("The deleted item from CLL :: %d\n", first->data);
44 }
45 }
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100 }

Plots

Debugger

< Prev

Reset

Submit

Next >

<https://kalasalingam.codetantra.com/secure/course.jsp?euclid=64bf3bc199f8d306c3eec5d9#/contents/64bf3bc199f8d306c3eec5ef/64bf3bc199f8d...> 1/2

```
45         return NULL;
46     }
47
48     NODE temp = first;
49
50     while(temp->next->next != first)
51     {
52         temp = temp->next;
53     }
54
55     printf("The deleted item from CLL is: %d\n", temp->next->data);
56 );
57
58     temp->next = first;
59
60     return first;
61 }
62
63 void traverseListInCLL(NODE first)
64 {
65     NODE temp = first;
66
67     do {
68         printf("%d --> ", temp->data);
69         temp = temp->next;
70     } while(temp != first);
71
72     printf("\n");
73 }
74
75
76
77
78
```



Terminal



Test cases