

Explorer

DoubleLL2.c x InsAtBegin... x

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Debugger

```
1  v struct node {
2      int data;
3      struct node *prev;
4      struct node *next;
5  };
6  typedef struct node * NODE;
7
8  v NODE createNodeInDLL() {
9      NODE temp;
10     temp = (NODE) malloc(sizeof(struct node));
11     temp->prev = NULL;
12     temp->next = NULL;
13     return temp;
14 }
15
16 int countInDLL(NODE first)
17 v {
18     NODE temp = first;
19
20     int c = 0;
21
22     if(temp == NULL)
23 v {
24         return 0;
25     }
26
27     while(temp != NULL)
28 v {
29         c++;
30         temp = temp->next;
31     }
32
33     return c;
34
35
36 }
37
38 NODE insertAtBeginInDLL(NODE first, int x)
39 v {
40     NODE temp = first;
41     NODE temp2 = createNodeInDLL();
42     temp2->data = x;
43
44 ..
```

&lt; Prev

Reset

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Next &gt;

```
45     if(.temp==.NULL.)
46     {
47         return temp2;
48     }
49
50     temp->prev==temp2;
51     temp2->next==temp;
52
53     return temp2;
54
55 }
56
57 void traverseListInDLL(NODE first)
58 {
59     NODE lastNode==first;
60     while (lastNode!=.NULL){
61         printf("%d<--> ", lastNode->data);
62         lastNode==lastNode->next;
63     }
64     printf("NULL\n");
65 }
66
67
```



Terminal



Test cases