

Explorer

CircularLL...

InsAtPosi...

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```
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 insertAtPositionInCLL(NODE first, int pos, int x) {
15     {
16         if(pos > 1 && first == NULL)
17         {
18             printf("No such position in CLL so insertion is not
19 possible\n");
20             return first;
21         }
22
23         NODE temp = first;
24
25         for(int i = 1; i < (pos - 1); i++)
26         {
27             if(temp->next == first)
28             {
29                 printf("No such position in CLL so insertion is not
30 possible\n");
31                 return first;
32             }
33             temp = temp->next;
34         }
35
36
37         NODE temp2 = createNodeInCLL();
38         temp2->data = x;
39
40         if(pos == 1)
41         {
42             if(first == NULL)
```

Debugger

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Reset

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Next >

```
45         temp2->next = temp2;
46
47         return temp2;
48     }
49
50     while(temp->next != first)
51     {
52         temp = temp->next;
53     }
54
55     temp->next = temp2;
56     temp2->next = first;
57
58     return temp2;
59 }
60
61
62 temp2->next = temp->next;
63 temp->next = temp2;
64
65 return first;
66
67 }
68
69
70 void traverseListInCLL(NODE first){
71     NODE temp = first;
72     do{
73         printf("%d--> ", temp->data);
74         temp = temp->next;
75     }while(temp != first);
76     printf("\n");
77 }
78
```



Terminal



Test cases