

(HTTPS://CODEP

Code output will appear here when you Run the code.

```
1 #include <iostream>
2 #include <stdio.h>
3
4 using namespace std;
5
6 /* Declare node */
7 struct node {
8     int data;
9     struct node *next;
10 }*start = NULL;
11
12 typedef struct node NODE;
13
14 #define square(x) (x*x)
15
16 int main() {
17     /* Loop to create list with square of the numerals */
18     for (int i=1; i<=10; i++)
19     {
20         NODE *temp, *current, *new_node;
21         temp = (struct node *)malloc(sizeof(struct node));
22         temp->data = i*i;
23         temp->next = NULL;
24
25         if(start == NULL)
26         {
27             start = temp;
28             //current = temp;
29         }
30         else{
31             current->next = temp;
32             //current = temp;
33         }
34         current = temp;
35     }
36
37     /* Display the list elements */
38     /*while(start != NULL)
39     {
40         printf("Node data --> %d \n", start->data);
41         start = start->next;
42     }
43     */
44
45     struct node *current, *next, *prev = NULL;
46
47     current = start;
48
49     while(current != NULL)
50     {
51         next = current->next;
52         current->next = prev;
53         prev = current;
54         current = next;
55     }
56
57     start = prev;
58
59     printf("\n Before printing");
60
61     while(start != NULL)
```

INVITE

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SUPPORT

C#



Run

