

DeepakGontla/CSA0302-Data- x | FREE AI Code Generator: Gener x | Online C Compiler - Programiz x +

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main.c

```
33     free(temp);
34 }
35
36+ void push(struct Node** head_ref, int new_data) {
37     struct Node* new_node = (struct Node*)malloc(sizeof(struct Node));
38     new_node->data = new_data;
39     new_node->next = (*head_ref);
40     new_node->prev = NULL;
41
42+ if ((*head_ref) != NULL) {
43     (*head_ref)->prev = new_node;
44 }
45
46     (*head_ref) = new_node;
47 }
48
49+ void printList(struct Node* node) {
50     struct Node* last;
51     printf("Traversal in forward direction: \n");
52+ while (node != NULL) {
53     printf("%d ", node->data);
54     last = node;
55     node = node->next;
56 }
57     printf("\n");
58 }
59
60+ int main() {
```

Run

Output

Clear

Original Linked List:
Traversal in forward direction:
5 4 3 2 1
Linked List after deletion at position 2:
Traversal in forward direction:
5 4 2 1

==== Code Execution Successful ===

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