

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

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Programiz C Online Compiler

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 struct Node {
5     int data;
6     struct Node* next;
7 };
8
9 void deleteAtBeginning(struct Node** head) {
10    if (*head == NULL) return;
11
12    struct Node* temp = *head;
13    *head = (*head)->next;
14    free(temp);
15 }
16
17 void push(struct Node** head_ref, int new_data) {
18    struct Node* new_node = (struct Node*)malloc(sizeof(struct Node));
19    new_node->data = new_data;
20    new_node->next = (*head_ref);
21    (*head_ref) = new_node;
22 }
23
24 void printList(struct Node* node) {
25    while (node != NULL) {
26        printf("%d -> ", node->data);
27        node = node->next;
28    }
}
```

Run

Output

```
Linked List before deletion: 3 -> 2 -> 1 -> NULL
Linked List after deletion: 2 -> 1 -> NULL

== Code Execution Successful ==
```

12:22 PM 10/31/2025