

The screenshot shows a C programming environment on the Programiz platform. On the left, there's a vertical toolbar with icons for various languages: Python, R, SQL, HTML, CSS, C (which is selected), Go, Node.js, TypeScript, Java, Scala, and PHP. The main area has tabs for 'main.c' and 'Output'. The 'Run' button is highlighted in blue. The code in 'main.c' is a C program that creates a linked list with three nodes containing 10, 20, and 30 respectively, and then prints them. The output window shows the numbers 5, 10, 20, and 30, followed by a success message.

```
main.c
1 #include <stdio.h>
2 #include <stdlib.h>
3 struct Node {
4     int data;
5     struct Node *next;
6 };
7 int main() {
8     struct Node *head,*first,*second;
9     head=(struct Node*)malloc(sizeof(struct Node));
10    first=(struct Node*)malloc(sizeof(struct Node));
11    second=(struct Node*)malloc(sizeof(struct Node));
12    head->data=10;
13    first->data=20;
14    second->data=30;
15    head->next=first;
16    first->next=second;
17    second->next=NULL;
18
19    struct Node *newNode=(struct Node*)malloc(sizeof(struct Node));
20    newNode->data=5;
21    newNode->next=head;
22    head=newNode;
23
24    struct Node *temp = head;
25    while (temp != NULL) {
26        printf("%d\n", temp->data);
27        temp = temp->next;
28    }
29
30    free(head);
31    free(first);
32    free(second);
33    free(temp);
34    return 0;
35 }
36
```

Output

5
10
20
30

==== Code Execution Successful ===