Lab05: Linked List

Given the following skeleton of C++ program, complete the program that can performs the following operations:

* append a new node at the end of the list.
* Display nodes in the list

#include <iostream>

using namespace std;

struct Node {

char data;

Node\* next;

};

// only for the 1st Node

void initNode(struct Node \*head,char n){

head->data = n;

head->next =NULL;

}

/\* write your function to append node here \*/

**void appendNode(struct Node \*head, char newInfo) {**

**struct Node \*newNode = new Node;**

**newNode->data = newInfo;**

**newNode->next = NULL;**

**while(head->next != NULL) {**

**head = head->next;**

**}**

**head->next = newNode;**

**}**

/\* write your function display here \*/

**void display(struct Node \*head) {**

**do {**

**cout << head->data << “ “;**

**head = head->next;**

**} while(head != NULL);**

**}**

int main()

{

struct Node \*newHead;

struct Node \*head = new Node;

initNode(head,'a');

display(head);

return 0;

}