ADD NODES TO LINKED LIST

#include <stdio.h>

#include <stdlib.h>

struct Node {

int data;

struct Node\* next;

};

void append(struct Node\*\* head, int data) {

struct Node\* newNode = (struct Node\*)malloc(sizeof(struct Node));

struct Node\* last = \*head;

newNode->data = data;

newNode->next = NULL;

if (\*head == NULL) {

\*head = newNode;

return;

}

while (last->next != NULL) {

last = last->next;

}

last->next = newNode;

}

void printList(struct Node\* head) {

struct Node\* temp = head;

while (temp != NULL) {

printf("%d ", temp->data);

temp = temp->next;

}

printf("\n");

}

int main() {

struct Node\* head = NULL;

// Add elements to linked list

append(&head, 1);

append(&head, 2);

append(&head, 3);

append(&head, 4);

// Print the linked list

printf("Linked list: ");

printList(head);

// Free memory

struct Node\* temp;

while (head != NULL) {

temp = head;

head = head->next;

free(temp);

}

return 0;

}