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#include <stdio.h>
#include <stdlib.h>
//Represent a node of the singly linked list
struct node{
  int data;
  struct node *next;
};
//Represent the head and tail of the singly linked list
struct node *head, *tail = NULL;
//addNode() will add a new node to the list
void addNode(int data) {
  //Create a new node
  struct node *newNode = (struct node*)malloc(sizeof(struct node));
  newNode->data = data;
  newNode->next = NULL;
  //Checks if the list is empty
  if(head == NULL) {
    //If list is empty, both head and tail will point to new node
    head = newNode;
    tail = newNode;
  }
  else {
    //newNode will be added after tail such that tail's next will point to newNode
    tail->next = newNode;
    //newNode will become new tail of the list
    tail = newNode;
```

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}
}
  //sortList() will sort nodes of the list in ascending order
  void sortList() {
    //Node current will point to head
    struct node *current = head, *index = NULL;
    int temp;
    if(head == NULL) {
      return;
    }
    else {
      while(current != NULL) {
        //Node index will point to node next to current
        index = current->next;
        while(index != NULL) {
           //If current node's data is greater than index's node data, swap the data
between them
           if(current->data > index->data) {
             temp = current->data;
             current->data = index->data;
             index->data = temp;
           }
          index = index->next;
        }
        current = current->next;
      }
```

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}
  }
//display() will display all the nodes present in the list
void display() {
  //Node current will point to head
  struct node *current = head;
  if(head == NULL) {
    printf("List is empty \n");
    return;
  }
  while(current != NULL) {
    //Prints each node by incrementing pointer
    printf("%d ", current->data);
    current = current->next;
  }
  printf("\n");
}
int main()
{
  //Adds data to the list
  addNode(9);
  addNode(7);
  addNode(2);
  addNode(5);
  addNode(4);
  //Displaying original list
```

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printf("Original list: \n");
display();

//Sorting list
sortList();

//Displaying sorted list
printf("Sorted list: \n");
display();

return 0;
}
```