#include <iostream>

using namespace std;

struct Node {

int data;

struct Node \*next;

};

struct Node\* head = NULL;

void insert(int new\_data) {

struct Node\* new\_node= (struct Node\*) malloc(sizeof(struct Node));

new\_node->data = new\_data;

new\_node->next = head;

head = new\_node;

}

void display() {

struct Node\* ptr;

ptr = head;

while (ptr != NULL) {

cout<< ptr->data <<" ";

ptr = ptr->next;

}

}

int main() {

insert(3);

insert(1);

insert(7);

insert(2);

insert(9);

cout<<"The linked list is: ";

display();

return 0;

}