// Online C compiler to run C program online

#include <stdio.h>

struct node

{

int data;

struct node \*next;

struct node \*prev;

}\*head;

void create()

{

struct node \*temp, \*head=NULL;

int n;

printf(" Enter number of nodes");

scanf("%d",&n);

for(i=0;i<n;i++)

newnode=(struct node\*)malloc (sizeof(struct node));

printf("enter data");

scanf("%d",&newnode->data);

newnode->prev=0

newnode->next=0

if (head==0) {

head=temp=newnode;}

}

else{

temp->next=newnode;

newnode->prev=temp;

temp=newnode;

}

}

void display(){

struct node \*temp;

temp=head;

while(temp! =0){

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

temp=temp->next;

}

}

int main() {

// Write C code here

create () ;

display ();

return 0;

}