#include<iostream>

using namespace std;

class Node

{

public:

int data;

Node \*next;

Node(int d)

{

data=d;

}

};

void push(Node \*&head,int data)

{

Node \*ptr1=new Node(data);

Node \*temp=head;

ptr1->next=head;

if(head!=NULL)

{

while(temp->next!=head)

temp=temp->next;

temp->next=ptr1;

}

else

ptr1->next=ptr1;

head=ptr1;

}

void print(Node \*head)

{

Node \*temp=head;

while(temp->next!=head)

{

cout<<temp->data<<" ";

temp=temp->next;

}

cout<<temp->data<<" ";

}

int main()

{

Node \*head=NULL;

int n,i,num;

cin>>n;

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

{

cin>>num;

push(head,num);

}

print(head);

}