#include <iostream>

using namespace std;

class ListNode

{

public:

int val = 0;

ListNode \*next = nullptr;

ListNode(int val)

{

this->val = val;

}

};

ListNode \*thead = NULL, \*ttail = NULL;

void addfirst(ListNode \*link){

if(thead==NULL){

// link->next = thead;

thead = link;

ttail = thead;

}

else{

link->next = thead;

thead = link;

}

}

ListNode \*reverse(ListNode \*head)

{

if(head==NULL || head->next==NULL) return head;

ListNode \*curr = head;

while(curr!=NULL){

ListNode \*temp = curr->next;

curr->next = NULL;

addfirst(curr);

curr = temp;

}

return thead;

}

int main()

{

int n;

cin >> n;

ListNode \*dummy = new ListNode(-1);

ListNode \*prev = dummy;

while (n-- > 0)

{

int val;

cin >> val;

prev->next = new ListNode(val);

prev = prev->next;

}

ListNode \*head = reverse(dummy->next);

while (head != nullptr){

cout << head->val << " ";

head = head->next;

}

return 0;

}