Input-

6

Helloo

Output-

o o l l e H

#include<iostream>

#include<vector>

using namespace std;

template <typename T> // Add (,typename U) if want to make a different stack of different datatype

class Stack

{

private:

vector<T> v;

public:

void push(T data){

v.push\_back(data);

}

bool empty(){

return v.size()==0;

}

void pop(){

if(!empty())

v.pop\_back();

}

T top(){

return v[v.size()-1];

}

};

int main()

{

Stack<char> s; //Here in <T> describe the type of data we want to enter

int n,i;

char num;

cin>>n;

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

{

cin>>num;

s.push(num);

}

while(!s.empty())

{

cout<<s.top()<<" ";

s.pop();

}

}