#include<iostream>

#include<stack>

using namespace std;

int main(){

stack<string> s;

s.push("ayush");

s.push("amrit");

s.push("love");

cout<<"Top element "<<s.top()<<endl;

s.pop();

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

cout<<"size of stack "<<s.size()<<endl;

cout<<"empty or not "<<s.empty()<<endl;

}