#include <iostream>

#include<list>

#include<algorithm>

using namespace std;

int main() {

list<string>l1={"apple","guava","banana","chickoo"};

l1.push\_back("orange"); //push ele at last

l1.pop\_back(); //remove last ele

cout<<l1.back()<<endl; //print last ele

l1.push\_front("kiwi");

cout<<l1.front()<<endl; //print 1st ele

l1.pop\_front(); //remove 1st ele

//remove any ele ; deletes all copies of that ele

string f;

cin>>f;

l1.remove(f);

//erase ele by iterator;

auto it=l1.begin();

it++;

l1.erase(it);

//inser ele in the list

it =l1.begin();

it++;

l1.insert(it,"orange");

for(auto x:l1)

cout<<x<<";";

cout<<endl;

}