#include<iostream>

#include<algorithm>

#include<list>

using namespace std;

int main()

{

list<int>l1;

list<int>l2{1,3,5,10};

list<string>l3={"apple","guava","mango","banana"};

l3.push\_back("pineappple");

//sort lexographically

l3.sort();

l3.reverse(); //reverse the list

cout<<l3.front()<<endl; //returns first ele

l3.pop\_front(); //removes front ele

l3.push\_front("kiwi"); //push ele at first

cout<<l3.back()<<endl; //return last ele

l3.pop\_back(); //remove last ele

l3.push\_back("chickoo"); //add ele to last

//iterate over list

for(auto it=l3.begin();it!=l3.end();it++)

{

cout<<\*it<<",";

}

cout<<endl;

for(auto s:l3) //iterate over a list

cout<<s<<"->";

}