#include<iostream>

#include<stdlib.h>

using namespace std;

class Distancee

{

private:

int feet;

float inches;

public:

Distancee():feet(0),inches(0.0005)//no arg constructer

{/\*empty\*/}

Distancee(int ft,float in):feet(ft),inches(in)//two arg constructer

{/\*empty\*/}

void get()

{

cout<<"Enter the feet"<<endl;

cin>>feet;

cout<<"Enter the inches"<<endl;

cin>>inches;

}

void show()

{

//system("cls");

system("color b0");

cout<<"The feet are="<<feet<<endl;

cout<<"The inches are="<<inches<<endl;

}

void add(Distancee, Distancee);

};

void Distancee::add( Distancee d2, Distancee d3)

{

inches=d2.inches+d3.inches;

feet=0;

if(inches>=12.0)

{

inches=12.0;

feet++;

}

feet+=d2.feet+d3.feet;

}

void main()

{

system("color a5");

Distancee d1,d3,d4;

Distancee d2(11,6.25);

d1.get();

d3.add(d1,d2);

cout<<"The d1"<<endl;

d1.show();

cout<<"The d2"<<endl;

d2.show();

cout<<"The d3"<<endl;

d3.show();

cout<<"The d4 constructer is="<<endl;

d4.show();

getchar();

getchar();

}