#include<iostream>

using namespace std;

class distancee //name of class

{

private:

int feet;

float inches;

public:

distancee():feet(0),inches(0.0) //const no argu

{ }

distancee(int ft,float in):feet(ft),inches(in) //const 2 argu

{ }

void in() //function cin data

{

cout<<"Enter the feet in int data type"<<endl;

cin>>feet;

cout<<"Enter the inches in float data type"<<endl;

cin>>inches;

}

void show() //function cout data

{

cout<<"The value of feet="<<feet<<endl;

cout<<"The value of inches="<<inches<<endl;

}

distancee add\_distance(distancee);

};

distancee distancee::add\_distance(distancee d2)

{

distancee temp;

temp.inches=inches+d2.inches;

if(temp.inches>=12.0)

{

temp.inches-=12.0;;

temp.feet=1;

}

temp.feet+=feet+d2.feet;

return temp;

}

int main()

{

distancee d1;

distancee d2(12,6.25);

distancee d3;

cout<<"Enter the values"<<endl; //taking values from user

d1.in();

d3=d1.add\_distance(d2);

cout<<"\n\nDetails are"<<endl;

cout<<"d1"<<endl;

d1.show();

cout<<"d2"<<endl;

d2.show();

cout<<"d3"<<endl;

d3.show();

getchar();

getchar();

}