**Note: Please change distance to distance1 or some other name as distance is a keyword**

1. Passing objects as arguments

#include<iostream>

using namespace std;

class distance1 {

int inches,feet;

public :

void readdata();

void display();

void sum(distance1,distance1);

};

void distance1::readdata() {

cout<<"Enter the values for feet and inches: ";

cin>>feet>>inches;

}

void distance1::display() {

cout<<"The value of feet and inches are "<<feet<<" "<<inches;

}

void distance1::sum(distance1 d1, distance1 d2) {

int i,f;

i=d1.inches+d2.inches;

f=d1.feet+d2.feet+i/12;

i=i%12;

cout<<"The total feet and inches are "<<f<<" "<<i;

}

int main() {

distance1 d1,d2,d3;

d1.readdata();

d1.display();

d2.readdata();

d2.display();

d3.sum(d1,d2);

}