Code:

#include<iostream>

#include<conio.h>

using namespace std;

class DB;

class DM

{

int m,cm;

public:

void get\_data()

{

cout<<"\nEnter meter value : ";

cin>>m;

cout<<"\nEnter centimeter value: ";

cin>>cm;

}

friend float sum(DM a,DB b);

};

class DB

{

int ft,in;

public:

void get\_data()

{

cout<<"\nEnter feet value : ";

cin>>ft;

cout<<"\nEnter inches value : ";

cin>>in;

}

friend float sum(DM a,DB b);

};

float sum(DM a,DB b)

{

float x,y,z;

x=(a.m+(a.cm/100));

y=(b.ft+(b.in/12));

z=(x+(y\*0.304)); //Since 1 ft = 0.304 m

return z;

}

int main()

{

DM a;

DB b;

cout<<"\nEnter the value in meter and centimeter: ";

a.get\_data();

cout<<"\nEnter the value in feet and inches: ";

b.get\_data();

sum(a,b);

cout<<"\nThe summed value in meter is: "<<sum(a,b);

getch();

}

Code:

