#include<iostream>

using namespace std;

class base1

{

protected:

int data1;

public:

void setdata1(int a)

{

data1 = a;

}

};

class base2

{

protected:

int data2;

public:

void setdata2(int a)

{

data2 = a;

}

};

class derived : public base1 , public base2

{

public:

void show()

{

cout<<"the value of data1 is "<<data1<<endl;

cout<<"the value of data2 is "<<data2<<endl;

cout<<"the sum of data1 data2 is "<<data1 + data2<<endl;

}

};

int main()

{

derived num;

num.setdata1(5);

num.setdata2(10);

num.show();

return 0;

}