**Programme:**

**#include<iostream.h>**

**#include<conio.h>**

**class student**

**{**

**protected:**

**int rollno,age;**

**public:**

**void getdata();**

**void putdata();**

**};**

**void student::getdata()**

**{**

**cout<<"Enter the roll number & age of student:\n";**

**cin>>rollno>>age;**

**}**

**void student::putdata()**

**{**

**cout<<"\nRoll number of student is:\t"<<rollno<<endl;**

**cout<<"\nAge of student is:\t"<<age<<endl;**

**}**

**class test:public student**

**{**

**protected:**

**int mark1,mark2;**

**public:**

**void getmarks();**

**void putmarks();**

**};**

**void test::getmarks()**

**{**

**cout<<"\nEnter the marks of two subjects:\t";**

**cin>>mark1>>mark2;**

**}**

**void test::putmarks()**

**{**

**cout<<"\nMarks in first subject is:\t"<<mark1<<endl;**

**cout<<"\nMarks in second subject is:\t"<<mark2<<endl;**

**}**

**class result:public test**

**{**

**int total;**

**public:**

**void display();**

**};**

**void result::display()**

**{**

**total=mark1+mark2;**

**putdata();**

**putmarks();**

**cout<<"\nTotal marks in two subjects are:\t"<<total<<endl;**

**}**

**void main()**

**{**

**clrscr();**

**result std1;**

**std1.getdata();**

**std1.getmarks();**

**std1.display();**

**getch();**

**}**

**Output:**

