24.assume that the test result of batch of students stored in three classes .class student stores the roll number ,class test stores the marks obtained for three subjects & class result contains total marks for test class .class result inherit the details of the marks obtained in test &roll no of students through derived class.

Program:

using namespace std;

#include<iostream>

class student

{

public:

int roll;

void a()

{

cout<<"enter roll :";

cin>>roll;

}

};

class test:public student

{

public:

int m1,m2,m3;

void display()

{

cout<<"\nnenter marks :";

cin>>m1>>m2>>m3;

}

};

class result:public test

{

public:

int total;

void b()

{

total=m1+m2+m3;

cout<<"\ntotal :"<<total;

}

};

int main()

{

result r;

r.a();

r.display();

r.b();

return 0;

}

Output:

