DSA 0136 OBJECT ORIENTED PROGRAMMING USING C++

24)Assume that test result of batch of students store in three classes.Class student stores the roll number ,class test store the marks obtained for three subjects and class result contain total marks.The class result inherit the details of marks obtained in the test and roll number of the student through the derived class.

using namespace std;

#include<iostream>

class student

{

int roll\_no;

public:

void a()

{

cout<<"enter roll\_no:";

cin>>roll\_no;

}

};

class test:public student

{

public:

int m1,m2,m3;

void display()

{

cout<<"enter marks:";

cin>>m1>>m2>>m3;

}

};

class result:public test

{

public:

int tot;

void b()

{

tot=m1+m2+m3;

cout<<"tot"<<tot;

}

};

int main()

{

result p;

p.a();

p.display();

p.b();

return 0;

}

Output:

