#include<iostream>

using namespace std;

class student

{

protected:

int rollnum;

public:

void setrollnum(int a)

{

rollnum = a;

}

void getrollnum()

{

cout<<"the roll number of the student is "<<rollnum<<endl;

}

};

class Test : virtual public student

{

protected:

float cg , oop;

public:

void setmarks(float m1, float m2)

{

cg = m1;

oop = m2;

}

void getmarks()

{

cout<<"the marks of cg is "<<cg<<endl

<<"oop is "<<oop<<endl;

}

};

class Score : virtual public student

{

protected:

float score;

public:

void setscore(float s)

{

score = s;

}

void getscore()

{

cout<<"the score of the pt is "<<score<<endl;

}

};

class result : public Test, public Score

{

protected:

float total;

public:

void gettotal()

{

total = cg + oop + score;

getrollnum();

getmarks();

getscore();

cout<<"the total result is "<<total<<" out of 210"<<endl;

}

};

int main()

{

result r;

r.setrollnum(21);

r.setmarks(90.9 , 91);

r.setscore(9);

r.gettotal();

return 0;

}