作业1

#include <iostream>

using namespace std;

class Person

{

public:

Person(string a, string n)

{

id = a;

name = n;

cout << "id:" <<id << " name:" << name << endl;

}

private:

string id;

string name;

};

class student:public Person

{

public:

student(string i, string n, string m, string s) :Person(i,n)

{

Class = m;

score = s;

}

void disp();

private:

string Class;

string score;

};

void student::disp()

{

cout << "Class:" << Class << " score:" << score << endl;

}

class teacher :public Person

{

public:

teacher(string a, string s, string t, string c) :Person(a, s)

{

title = t;

section = c;

}

void disp();

private:

string title;

string section;

};

void teacher::disp()

{

cout << "title:"<< title << " section:" << section << endl;

}

int main()

{

string name1, name2, Class, title, section, number1, number2, score;

cout << "请输入学生信息: 学号 姓名 班级 成绩"<< endl;

cin >> number1 >> name1 >> Class >> score;

cout << "请输入老师信息: 编号 姓名 职称 部门" << endl;

cin >> number2 >> name2 >> title >> section;

student stud1(number1, name1, Class, score);

stud1.disp();

teacher tea1(number2, name2, title, section);

tea1.disp();

return 0;

}

作业2

#include <iostream>

#include<string>

using namespace std;

class Person{

public:

void display()

{

double pay;

pay = basePay + hourPay \* workHour + allMoney \* raisePay;

cout << "本月的工资为：" << pay << endl;

cout << endl;

}

protected:

long int basePay;

int hourPay;

int workHour;

double raisePay;

long int allMoney;

};

class Manager :public Person {

public:

Manager()

{

basePay = 15000;

hourPay = 0;

workHour = 0;

raisePay = 0;

cout << "请输入公司经理销售总额:" << endl;

cin >> allMoney;

}

};

class Parttime :public Person {

public:

Parttime()

{

basePay = 0;

hourPay = 180;

cout << "请输入兼职人员工作了多长时间:" << endl;

cin >> workHour;

cout << "请输入兼职人员销售总额:" << endl;

cin >> allMoney;

raisePay = 0;

}

};

class SaleManager :public Person

{

public:

SaleManager()

{

basePay = 5000;

hourPay = 0;

workHour = 0;

raisePay = 0.01;

cout << "请输入销售经理经理销售总额:" << endl;

cin >> allMoney;

}

};

class SalePerson :public Person

{

public:

SalePerson()

{

basePay = 0;

hourPay = 0;

workHour = 0;

raisePay = 0.06;

cout << "请输入销售员销售总额:" << endl;

cin >> allMoney;

}

};

int main()

{

Manager manager;

manager.display();

Parttime part;

part.display();

SaleManager salemanager;

salemanager.display();

SalePerson saleperson;

saleperson.display();

return 0;

}