实验二

mian.cpp

#include <iostream>

#include "people.hpp"

using namespace std;

int main()

{

Date Birthday(1998,4,30);

//Birthday.printDate();

person WBW("WangBinWei",201616070213,Birthday);

WBW.printPerson();

return 0;

}

people.hpp

#include <iostream>

#include <cstdio>

#include <math.h>

#include <string.h>

using namespace std;

class Date

{

public:

int year;

int month;

int day;

public:

void setDate(int , int , int );

Date(int y = 2000, int m = 1, int d = 1);

void printDate();

int getYear();

};

class person

{

public:

person(string n, int i, Date d);

void setName(string n);

void setID(int i);

void setBirthday(Date d);

void printPerson();

string getName();

int getID();

Date getBirthday();

private:

string name;

int ID;

Date birthday;

};

people.cpp

#include "people.hpp"

#include <cstdio>

#include <iostream>

using namespace std;

person::person(string n, int i,Date d)

{

name = n;

ID = i;

birthday = d;

}

void person::setName(string n)

{

name = n;

}

void person::setID(int i)

{

ID = i;

}

void person::setBirthday(Date d)

{

birthday = d;

}

void person::printPerson()

{

cout<<"Name="<<name<<endl;

printf("ID=%d\n",ID);

printf("Birthday:%d-%d-%d\n",birthday.year,birthday.month,birthday.day);

}

string person::getName()

{

return name;

}

int person::getID()

{

return ID;

}

Date person::getBirthday()

{

return birthday;

}

Date.cpp

#include "people.hpp"

#include <cstdio>

#include <iostream>

using namespace std;

Date::Date(int y , int m , int d)

{

year = y;

month = m;

day = d;

}

void Date::setDate(int y, int m, int d)

{

year = y;

month = m;

day = d;

}

void Date::printDate()

{

cout << year << "/" << month << "/" << day << endl;

}

int Date::getYear()

{

return year;

}