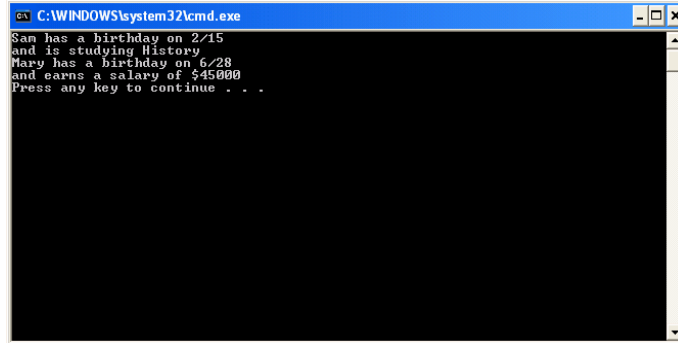


## Programming Assignment 11

DUE at the starting of the class on 12/03/2008 (Wednesday)

**[Exercise P11.2]** Implement base class Person. Derive class student and instructor from person. A person has a name and a birthday. A student has a major and an instructor has a salary. Write a class definition, the constructor, and a member function print() for all classes.



```
C:\WINDOWS\system32\cmd.exe
Sam has a birthday on 2/15
and is studying History
Mary has a birthday on 6/28
and earns a salary of $45000
Press any key to continue . . .
```

```
class Person
{
public:
    Person();
    Person(string n, int m, int d);
    string get_name() const;
    int get_month() const;
    int get_day() const;
    void print() const;
private:
    string name;
    int month;
    int day;
};
```

```
class Student : public Person
{
public:
    Student();
    Student(string n, int mo, int d,
string maj);
    void print() const;
    string get_major() const;
private:
    string major;
};
```

```
class Instructor : public Person
{
public:
    Instructor();
    Instructor(string n, int m, int d,
double s);
    double get_salary() const;
    void print() const;
private:
    double salary;
};
```

```
int main()
{
    Student s = Student("Sam", 2, 15, "History");
    Instructor t = Instructor("Mary", 6, 28, 45000);
    s.print();
    t.print();
    return 0;
}
```