

Programming Assignment 6

DUE at the starting of the class on 10/15/2008 (Wednesday)

[Exercise P6.1] Implement all member functions of the following class:

```
class Person
{
public:
    Person();
    Person(string pname, int page);
    string get_name() const;
    int get_age() const;
private:
    string name;
    int age; /* 0 if unknown */
};
```

USE

```
void main()
{
    Person f("Sam", 20);
    cout << f.get_name() << " is " <<
        f.get_age() << " years old.\n";
}
```

[Exercise P6.3] Implement a class *Address*. An address has a house number, a street, an optional apartment number, a city, a state, and a postal code. Supply two constructors. One with an apartment number and one without. Supply a print function that prints the address with the street on one line and the city, state, and postal code on the next line. Supply a member function *comes_before* that tests whether one address comes before another when the addresses are compared by postal code.