

# CIS 15 Spring 2010 Lab II.1

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## 1. Using a simple class

- Write a program that defines the class point:

```
class point {  
    public:  
        double x, y;  
};
```

- Declare two variables, a and b, of type point.
- Prompt the user for the values of the members of a and b.
- Print the values of the members of a and b on the screen.

## 2. Command line arguments again.

- Extend the program you wrote for the previous question so that the values for the members of a and b can be entered on the command line.
- In other words, you should be able to call your program using:

```
./myprog 1.1 2.2 3.3 4.4
```

## 3. Some checks on the input

- Extend the program you wrote for the previous question so that it checks the number of values entered on the command line.
- If less than four values are entered, it should print a warning message and set the missing values to 0.
- In other words, if you enter:

```
./myprog 1.1 2.2 3.3
```

then one of the four data members of a or b will have the value 0;