

## CS120 Lab Quiz for Week 6

Fall 2014

Name: \_\_\_\_\_ Section \_\_\_\_\_

1. (5 pt) All of the following questions are based on the class `position`, which is defined as:

```
class position{
    private:
        int x;
        int y;
    public:
        int distance();
};
```

1. Write the code to declare a single object named **center** of type `position`:
2. Write code to have the object named **center** call the **distance()** function.
3. What are the data members of the class?
4. What are the member functions (methods) of the class?
5. If there was a *constructor* function for this class, what would the name of the function be?