

CS120 Lab Quiz for Week 8

Fall 2014

Name: _____ Section _____

1. (5 pt) Answer the following questions based on the following class declaration:

```
class circle{
    public:
        void print();
    private:
        int x;
        int y;
        float radius;
};
```

1. Write the code for a default constructor of the class `circle` that sets the location (x,y) to 0,0 and the `radius` to 1.
2. Write the code for the `print()` function so that circles are printed as:
A circle at x,y has radius r
Where x, y, and r are the values for the circle object.
3. Write the statement(s) to create an array of 100 circles.
4. Write the statement(s) to print the 3rd object in the array of question 3.
5. Write the statement(s) to print the last object in the array of question 3.