

CMP 326 - Fall 2014 - Practice Quiz 8 Name: _____

1. You have been hired by CUNY as a software developer. Your first assignment is to write a Java class representing a single section of a CUNY course. It should hold the following information:

- which professor teaches that section
- what day(s) the section is
- what time the section begins
- the course name
- a course number
- a list of the students enrolled in that section.

You may assume there is an existing Student class. Write ONLY the instance variables for this class. If you would like to justify any choice, do so as a comment.

```
public class Section {
```

```
}
```

2) Consider the method `mystery(...)` below. What are the output and the return value of the call `mystery(9,12)`?

```
public static int mystery(int a, int b) {
    if (a == 0) {
        System.out.println("a=" + a + ", b=" + b);
        return b;
    }
    if (b == 0) {
        System.out.println("a=" + a + ", b=" + b);
        return a;
    }

    if (a > b) {
        System.out.println("a=" + a + ", b=" + b);
        return mystery(a-b,b);
    } else {
        System.out.println("a=" + a + ", b=" + b);
        return mystery(a,b-a);
    }
}
```

Return value:

Output: