## CSE110 Review Questions Prepared by Ryan Dougherty

## Static Variables and Methods

Question 1 What is a static variable? What is a static method?

Answer: A static variable is shared among all instances of a class. A static method is invoked using the class name.

**Question 2** Using the code below, how many copies of the variable number exist after instantiating 374 different AmazingClass objects?

**Question 3** Using the code from above, what is the value of number after each of the following statements? (For each part, assume the preceding parts have already been executed).

```
AmazingClass ac1 = new AmazingClass(3);
AmazingClass ac2 = new AmazingClass(7);
ac1.twice();
ac2.twice();
Answers:
3
7
14
28
```