

## FOURTH QUIZ

You have 15 minutes from the start of class to complete this quiz. Give partial answers if you can't give complete ones. Read the questions with care; work with deliberate speed. Don't give us more than we ask for. The usual instructions apply. Good luck!

### Problem 1 (6 points)

Take a look at this Java method:

```
void flakyCode() {
    System.out.println("Hoot");
    try {
        System.out.println("Cluck");
        trouble();
        System.out.println("Gobble");
    }
    catch (duckException myEx) {
        System.out.println("Quack");
    }
    catch (Exception myEx) {
        System.out.println("Honk");
    }
    finally {
        System.out.println("Tweet");
    }
}
```

- (a) What does the code above print out if the call to `trouble()` raises a `duckException`?
  
- (b) What does the code above print out if the call to `trouble()` raises a `gooseException`?
  
- (c) What does the code above print out if the call to `trouble()` does not raise any exceptions?

### Problem 2 (see other side)

**Problem 2** (14 points)

(a) (7 points) Complete the body of this method.

```
double calcAverage (ArrayList<Integer> a) {  
    // Calculate and return the average value in the argument, an ArrayList of Integers  
    // (Hint: Four lines of code, not counting braces. Other variations are possible.)  
  
    if (a.size() == 0)  
        return 0;  
  
}
```

(b) (7 points) Complete the body of this method:

```
Integer findLargest (ArrayList<Integer> a) {  
    // Find the largest value in the argument, an ArrayList containing positive integers.  
    // (Hint: Five lines of code, not counting braces. Other variations are possible.)  
  
}
```