

IST 256  
Lab Week 12, Wednesday, April 14, 2010  
(Make sure your name gets on an attendance sheet.)

**1. Review Using Arrays and Files**

- a. Give the code that will create a `BufferedReader` to read from a file called *poem.txt*.
  
- b. Give code to create a scanner to read tokens from the `BufferedReader` stream.
  
- c. Suppose that the file has the words of a poem in it.  
And since to look at things in bloom, fifty springs are little room,  
About the woodlands I will go, to see the cherry hung with snow.

And suppose that we have declared an array of `Strings` and an integer to keep track of how many strings are in the array:

```
String [ ] words = new String [ 50 ];  
int numwords = 0;
```

Given the `Scanner` created above, write a while loop that will read words from the file and save them into the *words* array. Each iteration of the while loop should read one word and save it into the array.