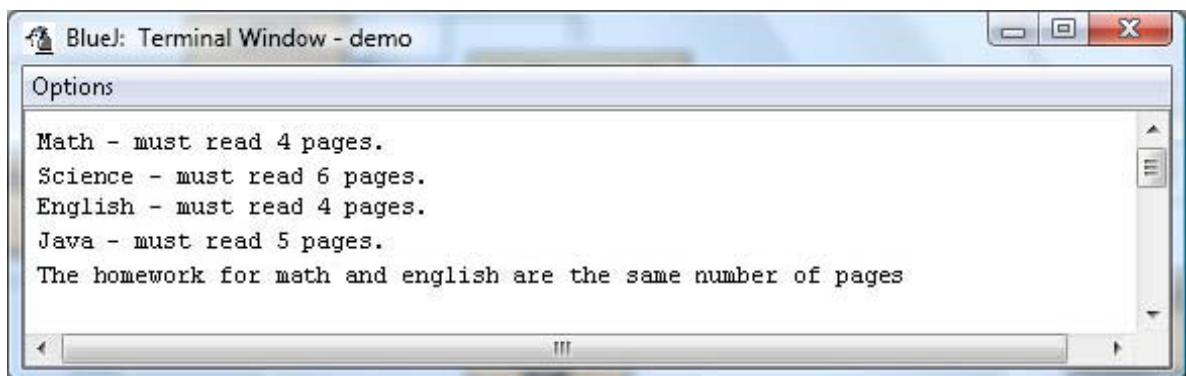# 15.04 Assignment Instructions

Instructions: For this assignment, you are going to modify the classes you have made in the second assignment, to implement Comparable<t>.

1. Create a folder called **15.04 Assignment** in your module 15 assignments folder.

2. You are to create an abstract class called **Homework3**.

a. It will be same as **Homework2**, but also implement **Comparable<Homework2>**.

b. It will implement **compareTo()** using the number of pages. Homework can be ordered based upon the pages that are part of the homework.

c. Save the class as **Homework3.java**.

3. You are to create a class called **MyMath3** that extends class homework.

a. **MyMath3** will be the same as **MyMath2**, except it extends **Homework3**.

b. Save the class as **MyMath3.java**.

4. You are to create a class called **MyScience2** that extends class homework.

a. **MyScience3** will be the same as **MyScience2**, except it extends **Homework3**.

b. Save the class as **MyScience3.java**.

5. You are to create a class called **MyEnglish2** that extends class homework.

a. **MyEnglish3** will be the same as **MyEnglish2**, except it extends**Homework3**.

b. Save the class as **MyEnglish2.java**.

6. You are to create a class called **MyJava2** that extends class homework.

a. **MyJava3** will be the same as **MyJava2**, except it extends **Homework3**.

b. Save the class as **MyJava3.java**.

7. Create a test program called **TestHomework3.java** to test your class. Use an ArrayList of type **Homework3** to test your class (Remember to declare it properly using List). Demonstrate the results of **compareTo()**.

Your output should be similar to: