Problem

Write a generic class Pair which implements the Comparable interface and has two type parameters, F and S, each representing the type of the first and second element of the pair, respectively.

Specifications

* Add get() and set() methods for the first and second elements of the pair.
* Override the toString(), compareTo(), equals() and hashCode() methods.
* Write a test program to verify the class.

*Hint:* The class header should be public class Pair<F, S>.

Admin

* Grading
* 0 points if your program does not compile.
* -5 for comments, indentation and placement of {} not per [Style Guide](http://www.cs.slcc.edu/style-guide.shtml).
* -10 for each specification not met.
* Submission
* Attach an executable .jar file that also contains your .java source code files and submit.