Grading Instructions

Total Points: 60

- A similar asssignment was given in a previous offering of this course. We will stricly enforce the academic honesty policy of this course (and Watson School). In your README.txt, include the following at the very top, "This assignment's submission is my own work and I did not discuss with any other past or current student, nor did I have access to a previous submission of this assignment by another student."
- Min penalty for submitting code that you cannot explain (if you have used an online source for reflection, etc.): -25 points.
- Bitbucket: same as previous assignment. 8 points
- gzip has NOT been created correctly (no executables, .class, backup file, or jar files): -5 points
- Code compiles correctly with ANT and executes according to the instructions in README.txt: 5 points.
- Error checking for command line arguments: 3 points
- Javadoc: 0 points
- Debug scheme: 0 points
- Code works correctly when "N" is changed and the serialized output is changed before running the "deser" mode: 10 points
- Serialization is generic: will work for objects similar to MyAllTypesFirst and MyAllTypesSecond without any changes to the serialization code that deals with the names and types of data members. A "grep" for MyAllTypesFirst or MyAllTypesSecond should not find any occurrence in the code for serialization or deserialization. It should only be found in MyAllTypesFirst.java and MyAllTypesSecond.java, StoreI interface, and in the Driver code. You should create the method name as "get" + fieldName and use reflection to invoke the method and retrieve the field value. 12 points
- Deserialization is generic (similar to serialization): 12 points
- Correct implementation of the Strategy pattern: 5 points
- Correct implementation of equals and **hashCode** to check if two objects are equal: 5 points

Back to CSx42: Programming Design Patterns: Assignment 6