**Short Assignment 6**

Mathew Paschall

CST235

Brandon Bass

**Approach**

I knew for this assignment I would need a servlet to read and write from files. For some reason I always have a difficult time getting my I/O programs to work properly, and this assignment was no exception. I started by trying to use inputStream, but that wasn’t working for me, so I scrapped that idea and decided to go with buffered reader after some research. Once I had this up and running after some testing, I created a log file to be read and written to, and a writeFrom file to be read from and appended to the log file. I then used buffered readers to read both files. Then I created a stringbuilder object to store all of the information as a single string. After this, I had the program add lines to the stringbuilder while the line wasn’t empty. Once this was done, I was ready to print the built string to the webpage. After that, I had my buffered writer write the content from writeFrom to the log file. I decided the best way to have this displayed would be to simply have the server write it in the webpage, and also write it in the log file. This is displayed on the screen upon refresh, or you can see it in the log file itself. I decided to add a date and time stamp to the string that is written, so whoever is monitoring it will know exactly when the last write was done. The program was now reading both the log and writeFrom file, and writing to the log file properly.

**Classes**

Index.html

myServlet.java

**Resources**

log.txt

writeFrom.txt

**Variables**

Date date

DateFormat dateFormat

BufferedReader br

BufferedReader b

StringBuilder sb

StringBuilder s

String line

String writeLine

String everything

String allWrite