**CS 1501 Assignment Information Sheet**

**You must submit an information sheet with every assignment. Also be sure to submit all materials following the procedures described on the**[**submission procedures**](http://people.cs.pitt.edu/~ramirez/cs1501/assigs/submit.html)**page.**

**Name: Mohit Jain**

**Assignment #: 3**

**Program Due Date: June 30, 2018**

**Handed in Date: June 29, 2018**

**JDK Version:** 1.8.0\_144

**Source code file name(s):**

BinaryStdIn.java

BinaryStdOut.java

LZW.java

LZWmod.java

Queue.java

StdIn.java

StdOut.java

TST.java

**Compiled (.jar or .class) file name(s):**

BinaryStdIn.class

BinaryStdOut.class

LZWmod.class

Queue.class

Queue#1.class

Queue$ListIterator.class

Queue$Node.class

StdIn.class

StdOut.class

TST$1.class

TST$Node.class

**Does your program compile without error?: Yes**

**If not, what is/are the error(s)?:**

**Does your program run without error?: Yes**

**If not, what is/are the error(s) and which parts of your program run correctly?:**

**Additional comments (including problems and extra credit):**

I did the extra credit in which I implemented the reset in a seamless way. I called this the monitor mode and in order to run it just do

java LZWmod – m <test.txt> test.lzw

I also added the compression ratios for this into the compression table.