RECITATION 5

Homework Directions:

Make a reasonable attempt at implementing all empty methods in the "HuffmanTree\_HW.java" file, which should be designed to work with "HuffmanCompression.java" and "HuffmanNode.java" without altering those files. A text file, "The Cat in the Hat.txt", is also provided to you to help you test your code, but it is recommended that you develop your own test files. You may use the live code written in recitation (no guarantee that it is correct). If you get stuck, please comment inline how you are stuck and what solving it would accomplish. If you worked with anyone, please comment at the top of the file who you worked with. Please ensure the code can compile before submission; non-compileable code or leaving any empty section blank will receive a 0 for the implementation portion.

Writing Section Additional Directions:

Please write at least one paragraph response to the following:  
"Huffman Compression is an algorithm that provides lossless compression, or a method that allows compression without losing any information upon encoding. By contrast, there are lossy compression algorithms, which encode items with some information loss. Give an example of a context in which lossy compression algorithms are appropriate. Why would a loss of information be acceptable in that context?"

Please include at least one cited source from a reputable place (no Wikipedia, etc.).

Submission Directions:

Please submit all files into a zip file with the following name "<LastName>\_<pittUsername>\_Recitation5.zip" to haz78@pitt.edu