

Asgn 4 Demo Specs

What to do for demo

1. Delete AsciiCodeIndex.txt file (since your UserApp program doesn't use it)
2. Delete Log.txt file
3. Run UserApp program
 4. Print out the CodeIndex.bin file your used
5. Print out the Log file using Notepad (or...)

What to hand in (in the order specified below)

1. Cover sheet
2. Printout of the Log file

Use a FIXED-WIDTH FONT (Courier New or...) for nice alignment
3. HexEdit printout of the BinaryCodeIndex.bin file
4. Printouts of the code files: *(there are at least 3 physically separate files)*
 - UserApp program
 - CodeIndex class
 - DataStorage class
 - Other code files if you have any

What to circle (by hand) in the packet

1. In the CodeIndex.bin file HexEdit printout
 - The header record
 - The entire left-most LEAF node in the tree

[NOTE: I want you to be able to read and make sense of a HexEdit printout of a file since that will be on the final exam].
2. In the UserApp program code
 - Any mention of the CodeIndex file **[So we can take points off]** [That's supposed to be handled inside CodeIndex class].
3. In the CodeIndex class code
 - Any mention of 7 as an actual value **[So we can take points off]** (You're supposed to base things on a function of M after it's been read from the HeaderRecord).
 - The storage for a SINGLE binaryNode
 - readOneNode method header
 - searchOneNode method header
 - Any code inside readOneNode NOT relevant to reading in a binary node based on RRN sent in **[So we can take points off]**
 - The call to readOneNode in selectAllByCode and in selectByCode
 - An `if/else if/else if/...` in searchOneNode **[So we can take points off]** rather than the appropriate use of a LOOP based on a function of m for searching a node
 - Any linear searching of the FILE **[So we can take tons of points off]**

Notes

1. Don't forget the counters for #I/O's and # KeyComparisons. These MUST be COUNTES. [DO NOT HARDCODE a 5 just because that's the # I/O's for virtually all searches (i.e., height of the tree, plus 1 more for DataStorage's readOneRecord).