Asgn 4 Demo Specs

What to do for demo (in the order specified below)

[You may do these steps MANUALLY – or - you MAY use a DRIVER PROGRAM to automate the running of these, as was done in an earlier asgn].

1. Delete BinaryCodeIndex.bin file
2. Delete Log.txt file
3. Run TempSetup program
4. Run TempUserApp program
5. Print BinaryCodeIndex file using a HexEditor (or…)
6. 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. Printout of the BinaryCodeIndex file
4. Printouts of the code files: *(there are at least 3 physically separate files)*

   TempSetup program

   TempUserApp program

   CodeIndex class

   Other code files if you have any

What to circle in the above packet

1. In the Log file printout
   - Any QC where # nodes read in is not 5
2. In the BinaryCodeIndex file printout
   - The header record
   - The whole left-most LEAF node in the tree
3. In the TempSetup program code
   - The storage for the single asciiNode
   - The storage for the single binaryNode
   - Any mention of 7 **[So we can take points off]**
4. In the TempUserApp program code
   - Any mention of the BinaryCodeIndex file **[So we can take points off]**
5. In the CodeIndex class code
   - Any mention of 7 **[So we can take points off]**
   - The storage for a single binaryNode
   - ReadOneNode method header
   - Any code inside ReadOneNode NOT relevant to reading in a binary node based on RRN **[So we can take points off]**
   - The call to ReadOneNode in ListAllByCode and in QueryByCode
   - An `if/else if/else if/…` used to search a node **[So we can take points off]** rather than the appropriate use of a loop based on a function of m for searching a node

Notes

1. The 4 types of counts in the Log file MUST all be derived from actual COUNTERS (because they are AIDS TO THE DEVELOPER). You'll lose points if they are hard-coded or "just assumed to be the right answer" (e.g., 5 is the height of the tree, 239 is the nKV in the HeaderRec).