

## Asgn 2 Demo Specs (& Related Notes)

### CHANGES to make BEFORE Running the Demo

**AutoTesterUtility** The 3 parallel arrays need to have these values (in this order):

```
{ "A2Z", "Special";  
{ "A2Z1Asgn2", "Special";  
{ "All", "All";
```

**AutoTesterUtility** Inside the FOR loop, after the 2 file Delete's, it should

- 1) call Setup
- 2) call ShowFilesUtility ← ← ← ADD THIS CALL
- 3) call UserApp
- 4) call ShowFilesUtility

#####

### WHAT TO DO FOR THE DEMO

1. The 2 RawData.csv files & 2 TransData.txt files are in the correct folder in your project
2. Run AutoTesterUtility
3. Print LogSession.txt file in NOTEPAD (or WordPad or...).
  - a. Use a **FIXED-WIDTH FONT** (like Courier New) so record fields line up nicely.
  - b. Use a **SMALLER FONT** size and/or **LANDSCAPE** orientation to stop wrap-around (or truncated) lines.
4. Print IndexBackup.bin from the HexEditor (or use Linux' od).
5. Print all of your program code files.
6. Circle what I've described below (by hand).

### WHAT TO HAND IN (in the order specified below)

1. Signed Cover sheet & fill in the YES/NO questions
2. Printout of the LogSession.txt file
3. Printout (from HexEdit or od) of **A2Z**MainData.bin file
4. YOUR program code: *(IN THIS ORDER) (There are at least 7 actual separate files)*
  - Setup program
  - UserApp program
  - ShowFilesUtility program (if you wrote your own or modified one from the website)
  - CodeIndex class
  - [No changes were made to RawData class, DataStorage class, UserInterface class,  
so I don't need to see them
  - any other code files/classes you used in your program

#####

### NOTES:

- Re-read specs for A2 to make sure you're doing everything right (to maximize points)
- QC & LC transactions MUST use methods in CodeIndex class

### NOTES on CodeIndex class methods

- QueryByCode MUST use BST search – **linear search → 0 points**
- ReadOneRecord is overloaded – one version for sequential read (no RRN specified) and one version for random read (RRN specified)
- ListAllByCode shows the ACTUAL DATA RECORDS and NOT any index data, per se
- **DeleteByCode is a DUMMY STUB**
- Check your “# Nodes Visited” counts to make sure they're right.