

## Asgn 2 Demo Specs (& Related Notes)

### Read 3 new FAQ on website (in Readings column)

#### Pseudocode for what TestDriver program does

- DELETE 3 files: Log.txt, CountryData.txt, Backup.txt
- Run Setup program – sending in “Sample”  
which Setup passes to RawData’s constructor for the fileNameSuffix  
(and RawData’s constructor has pathString, “A2RawData” & “.csv” hard-coded)
- Run PrettyPrintUtility
- For loop with i going from 1 to 3  
run UserApp sending in i  
which UserApp passes to UI’s constructor for the fileNameSuffix  
(and UI’s constructor has pathString, “A2TransData” & “.txt” hard-coded)
- Run PrettyPrintUtility

#### NOTE: DEFAULT fileNameSuffix for MANUAL RUN (by you vs. than by TestDriver program)

- In Setup: Sample
- In UserApp 1

#### WHAT TO DO FOR THE DEMO

1. A2RawDataSample.csv and the 3 A1TransData?.txt files must be in the correct folder in your project
2. Run the TestDriver program
3. Print CountryData.txt file in WordPad or . . .  
(Yes, things won’t line up, fields will be right next to each other without separators, and there’ll probably be no <CR><LF>’s in the file)
4. Print Backup.txt file in WordPad or . . .  
(Yes, things won’t line up, fields will be right next to each other without separators, and there’ll probably be no <CR><LF>’s in the file)
5. MANUALLY run Setup program (yes, new stuff gets appended to Log.txt)
6. MANUALLY run UserApp program (yes, new stuff gets appended to Log.txt)
7. Print Log.txt file in WordPad or...
  - Use a **FIXED-WIDTH FONT** (like Courier New) so record fields line up nice!
  - Use a smaller font, if needed, to avoid wrap-around in Log file printout
  - NOTE: This in **ONE LONG FILE** which includes TestDriver and MANUAL running of Setup & UserApp & PrettyPrintUtility multiple times – all captured in a **SINGLE** Log file
8. Print all of your program code files.

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

1. Cover sheet (fill in the top & sign it)
2. Printout of Log.txt file
3. Printout of CountryData.txt file
4. Printout of Backup.txt file
5. YOUR program code: *(IN THIS ORDER) (There are at least 7 actual separate files)*
  - TestDriver program
  - Setup program
  - UserApp program
  - PrettyPrintUtility program
  - RawData class
  - UI class
  - DataTable class
  - DataTableRecord class – IF YOU HAVE ONE
  - NameIndex class
  - BSTNode class
  - any other code files/classes you used in your program

#### HOW MUCH COMMENTING IS NEEDED?

- IF YOU USED SOMEONE ELSE’S CODE FOR REFERENCE, note that in the comments (including their name)
- IF YOU USED SOMEONE ELSE’S CODE DIRECTLY (for any part of your project), note that in the comments (including their name and which parts of the code are theirs vs. yours)
- See A1’s demo specs for more on commenting