Name (print)_____

Asgn # 1 Due Tues Jan 28

Dr. Kaminski - you have my word that:

1. I wrote this entire application myself in accordance with the guidelines in the course policies & syllabus and university policies of what's considered acceptable student academic conduct. Any code (longer than a couple lines) used in this assignment which was created by someone else (even if changed slightly) or was written jointly with someone else is both clearly attributed (in a comment in the code) and described on the BOTTOM OF THIS COVER PAGE.
2. The program code attached here **did** actually produce the data file which is attached here.
3. There was no editing of the data file after the attached program produced it (except perhaps the font, font size and/or page-orientation for printing).

Signature _____

Final score for the asgn is (0.8 * outputPoints) + (0.2 * programmingPoints) which comes out to: _____

(you can calculate this)

---------- for GRADER (below) ----------

_____ points for output on a 0-100 scale

- TheLog.txt is correct, all present and follows all specs in terms of formatting
- follows DemoSpecs for what Main is supposed to call & use for fileNameSuffix so the correct RawData and TransData files are used (in the appropriate order)
- Snapshot is called at appropriate time (see DemoSpecs's pseudocode for Main)
- transaction itself is echoed before the response is provided
- number of nodes visited is printed (and is correct) (for both successful & unsuccessful searches)
- RootPtr, N and NextEmpty are printed in Snapshot as well as the LeftChPtr & RightChPtr
- Status messages appear in the correct order in the correct places (when the event actually happens)
- SA (SelectAll) shows countries in name-order

_____ points for program code on a 1-100 scale

- follows requirements specs & demo specs
- 7 (or more) physical files (main, 2 procedural-classes, 4 object-classes, other classes?)
- uses OOP and modularizes appropriately
- uses descriptive naming (following what's in the specs, approximately)
- status messages are generated at appropriate times
  - file OPENED in the constructor which opens the file
  - file CLOSED in the FinishUp method which closes the file
  - Setup/UserApp/Snapshot starting & stopping at the top & bottom of those chunks of code
- **NO LINEAR SEARCH or SORTING of the CountryDataTable – else -50 points**
- ALL data file handling (RawData, TransData, TheLog) is done inside its class, and NOT in Main, Setup or UserApp code (e.g., opening file, closing file, reading file, detecting EOF, writing to TheLog file)
- appropriate commenting – see demo specs
- etc.

PRESENTATION - no specific points deducted this time, but in future asgn's . . . points will be deducted for

- not putting the hand-in packet in the correct order
- no comment-line-of-stars between methods
- poor indent/align (which SHOULD visually show the logic of the code)
- no wrap-around (you should use a smaller font and/or landscape to eliminate the irritation)
- fixed-width font for printing of TheLog so it's easier to grade