Name (print)_____

Asgn # 1 Due Tues Jan 29

Date turned in _____

Dr. Kaminski - you have my word that:

1. I wrote this entire application myself (except the initial C#/Java "template" project you wrote, provided on the course website) - 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 files which are attached here.
3. There was no editing of the data files after the attached programs produced them (except perhaps the font, font size and/or page-orientation for printing).

Signature _____

---------- GRADING ----------

_____ **OUTPUT (Log file, NameIndexBackup file) - on a scale of 0-10**

(correct output data in the Log file, using the formatting/wording described/shown in asgn/demo specs,
QNs show name, id and # nodes visited, # nodes visited correct for BOTH successful & unsuccessful,
transaction request echoed as well as the correct response,
LN shows all country names (in order) & Ids (NO ChPtrs) including the last one (Wallis and Futuna),
PrettyPrint of the Backupfile shows the correct BST, both LChPtrs & RChPtrs are correct,
N & RootPtr are shown, the final entry for Wallis and Futuna appears,
correct status messages, messages appear at the correct time, using exact wording in specs,
separate printout of NameIndexBackup file in Notepad (or…)
etc. etc.)

_____ **PROGRAMMING - on a scale of 1-10**

(following asgn specs,
separate code files for the 3 programs & 3+ classes; appropriate code in each of the code modules
(e.g., SetupProgram & UserApp are just controllers, RawData, UserInterface, NameIndex provide
the public services and HIDE ALL IMPLEMENTATION details from the main programs)
descriptive naming, appropriate public/private designation,
OOP paradigm used for everything except PrettyPrintUtility program – e.g.,hiding implementation details,
use of getters/setters with private data storage, use of over-loading (e.g., constructors) where appropriate
MINUS 2 POINTS (out the max 10) for doing a LINEAR SEARCH instead of BST search, or SORTING instead of IOT for LN)
etc. etc.

_____ **PRESENTATION - on a scale of 1-5**

(packet in order shown in specs,
all required documents included in packet including output, code & 2 hand-drawn BST worksheets,
top-comments on each code file (3 programs & 3+ classes),
comment-line-of-stars between methods,
programming style, e.g., align/indent to show logic, reasonable use of white-space,
landscape orientation and/or smaller font to eliminate excessive wrap-around of output or code files,
use of a FIXED-WIDTH FONT for Log file for alignment of PrettyPrintUtility's output,
circling of what's requested in the demo specs)

_____ **FINAL SCORE FOR THIS ASGN - out of 100 points**

= 7.5 * output + 2 * programming + presentation