

## Asgn 5 Demo Specs (& Related Notes)

### THE DEMO

1. DELETE the Log file
2. run UserApp program 3 times
  - a. FIRST, user specifies 1 for whichDataSet
  - b. SECOND, user specifies 2 for whichDataSet
  - c. THIRD, user specifies 3 for whichDataSet
3. print out Log file
4. (eliminate wrap-around by using landscape and/or a smaller font, if needed)
5. print out the code files (& additional code files, if you have more)
6. circle what's specified below

### PACKET TO HAND IN - IN THIS ORDER

- cover page
- Log file print out
- code files - in this order:
  - main program)
  - UI class [OPTIONAL]
  - CodeIndex class
  - CountryData class
  - Other code files, if you have more

### CIRCLE THE FOLLOWING

- internal BTree node storage in CodeIndex class (i.e., the 3 parallel arrays) –  
*grader needs to check that there's only room for ONE NODE in memory, not the whole tree/file*
- 2 byteOffset calculations and their seek's
  - in readANode method in CodeIndex class
  - in readARecord method in CountryData class*– grader needs to check that you're doing RANDOM ACCESS, not linear search*
- searchANode method header & readANode method header
- anything you're NOT supposed to do (*so grader can easily take points off*) –  
e.g., the WARNINGS listed in the specs