

### Asgn 3 Demo Specs (& Related Notes)

**DO NOT USE the TestDriver program to do the demo**

(since this list of chores is so short).

**Instead, YOU run the programs (manually) and do these tasks**

(in this order).

- DELETE CountryData.bin file
- DELETE Log.txt file
- RUN Setup program
- RUN the COMMON PrettyPrintUtility program (downloaded from the course website)
- RUN UserApp program
- Print out CountryData.bin file using the HexEditor (or Linux's od)
- Print out Log.txt file using NotePad (or WordPad or...)
  - Fixing the font-size and/or font-type (i.e., need a fixed-width font like courier) and/or print-orientation so it doesn't have wrap-around and things fields align in the printout
- Print out your program code files – except DO NOT bother to print:
  - Code files not used for A3, including:
    - TestDriver program
    - NameIndex class – you probably deleted it anyway
    - BST class – you probably deleted it anyway
  - Code files which should be exactly the same as in A2, that is:
    - RawData class
    - UI class
  - PrettyPrintUtility program – since it's either the Java or CSharp one from the course website that you used
- Manually circle what's specified below in the hard-copy printouts

### WHAT TO CIRCLE

- In the HexEdit printout:
  - The entire physical record (= logical record PLUS HP/Link) for:
    - FRA stored @ RRN 21 (with its link of -1)
    - JPN stored @ RRN 20 (with its HP of 35)
    - OMN stored @ RRN 14 (with its HP of -1)
    - ATA stored @ RRN 35 (with its link of 34)
  - The empty location at RRN 16
- In the DataTable (or DataRecord) class
  - The private hashFunction method
  - The "i gets the link at i" line of code in the collision resolution code (which might be:
    - in a single separate method used by both insert and selectByCode
    - OR separate lines, one in insert, one in selectByCode)

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

1. Cover sheet (do name & signature)
2. Printout of Log.txt file
3. Printout (from HexEdit) of CountryData.bin file
4. YOUR program code: *(IN THIS ORDER)*
  - Setup program
  - UserApp program
  - DataTable class
  - DataRecord class (IF you used a SEPARATE CLASS for this)
  - other code files/classes you used in your A3 program (except not RawData, UI, PrettyPrintUtility)