CS – 121

Colby Blair

Start Date Time: 04/02/08 19:00 – 24:00

04/03/08 19:00 – 21:00

Due Date: 04/02.08

Production Template:

Lab/Assignment: Assignment

1. Design Time – 30 minutes
   1. Rough pseudo code:

For(State Sorted List, Capital Sorted List, Population Stored List)

Filter out the header and following white spaces.

Input the Date from data file; adjust accordingly for 1-3 word names for states and cities. Format numbers from strings with commas to plain int.s without commas.

Print the list

Reset the file input back to the beginning of the file.

Print all states with capital populations lower than 5 million from the Population Stored List.

Print all states with capital populations greater than105 million from the Population Stored List

* 1. Estimated time of completion: 6 hours, plus some time working on separate functions and Tree classes.

1. Program Source
2. Output
3. Program Log
   1. Design time: 30 minutes
   2. Implementation time: 7 hours
   3. Conclusions/Reflections:

Always a lot of time involved when making a class from scratch. Having putting some prior thought into it, I save a little time, but had to use others’ code for trouble areas, citations listed; pretty much just adding to the Tree. I could get close, but I did have data leaks, which is not acceptable. The tree class will be getting some continued work.