APH Exercise 1 – Report

Solution type: BST

State of Solution: Completed – Run and Tested on Lab machine

Known Bug & Limitation: None

date.c and tldlist.c were implemented in C successfully.

DATE.C

-Date .c contains a structure of **Date** { int day, int month, int year} and all the required methods.

-Compiled and Tested both separately and on lab machine using provided files.

-No warnings

TLDLIST.C

-Tldlist.c contains all the required 3 structures, methods plus an additional structure **NodeEntry**{ tldString, count} and 2 additional methods : **insert_bin** (insert into binary tree) and **traverse** (traverse through the tree).

-Compiled and Tested both separately and on lab machine using provided files.

-No warnings.

-Linked successfully with tldmonitor

-Linked without warnings.

-Worked with both small.txt and large.txt

-Produced correct results.

CONCLUSION

This solution was implemented and tested successfully on the Boyd Orr lab machines with no errors and warnings. This however was not tested against big data log files. No memory leak test was used.