

CIS 330: Project #4A

Assigned: April 13th, 2016

Due April 20th, 2016 IMPORTANT: due at 10am sharp on April 20th and will be graded in class. No late work will be accepted.

Worth 3% of your grade

Please read this entire prompt!

Assignment:

- 1) Download Proj4A.tar
 - a. It contains 3 programs: p1.c, p2.c, and p3.c
 - b. Each program contains memory errors
 - i. P1 has two memory errors
 - ii. P2 has six memory errors
 - iii. P3 has three memory errors
- 2) Debug the memory errors in p1, p2, and p3
 - a. Debugging can happen with gdb/lldb, with printf, or with valgrind
 - i. GTFs will lecture on valgrind / debuggers
- 3) Write down the memory errors for each program
 - a. Ideally this will be about one sentence per memory error, and your total writeup will be less than one page
 - b. There is a worksheet for you, available on the class website
- 4) Bring your writeup to class on Weds April 20th.
 - a. We will grade it as a group then
 - b. No late work will be accepted