Andrew Plum

Professor Bolden

CS 270

10/7/2022

Assignment #1 Program Log

Sessions:

1. Started 10/7/2022 at 3:37 pm and finished 10/7/2022 at 4:30 pm.
   1. Started writing main and finished the sum and average function for part 1.
2. Started 10/8/2022 at 8:30 pm and finished 10/8/2022 at 8:45 pm.
   1. Finished writing all functions for part 1 and just need to get extern working.
3. Started 10/9/2022 at 1:41 am and finished 10/9/2022 at 3:12 am.
   1. Was trying to get extern working, was getting an error I couldn’t find a solution to:

/tmp/cczwHnuL.o: In function `array\_maximum':

array\_maximum.c:(.text+0x40): undefined reference to `arr\_size'

/tmp/ccvgNvcC.o: In function `array\_minimum':

array\_minimum.c:(.text+0x40): undefined reference to `arr\_size'

/tmp/cc67cT0s.o: In function `array\_sum\_and\_average':

array\_sum\_and\_average.c:(.text+0x34): undefined reference to `arr\_size'

array\_sum\_and\_average.c:(.text+0x3f): undefined reference to `arr\_size'

collect2: error: ld returned 1 exit status

1. Started 10/9/2022 at 10:25 am and finished 10/9/2022 at 10:41 am.
   1. Found solution to extern error.
2. Started 10/9/2022 at 3:43 pm and finished 10/9/2022 at 6:46 pm.
   1. Modified the code from part 1 to make code from part 3.
   2. Started using readelf to answer questions for part 1.
3. Started 10/9/2022 at 9:58 pm and finished 10/10/2022 at 1:21 am.
   1. Learned more about and used readelf, objdump, and nm.
   2. Finished answering questions in part 1, 2, and 3.
   3. Made screenshots of output.
   4. Wrote conclusion and finished report.