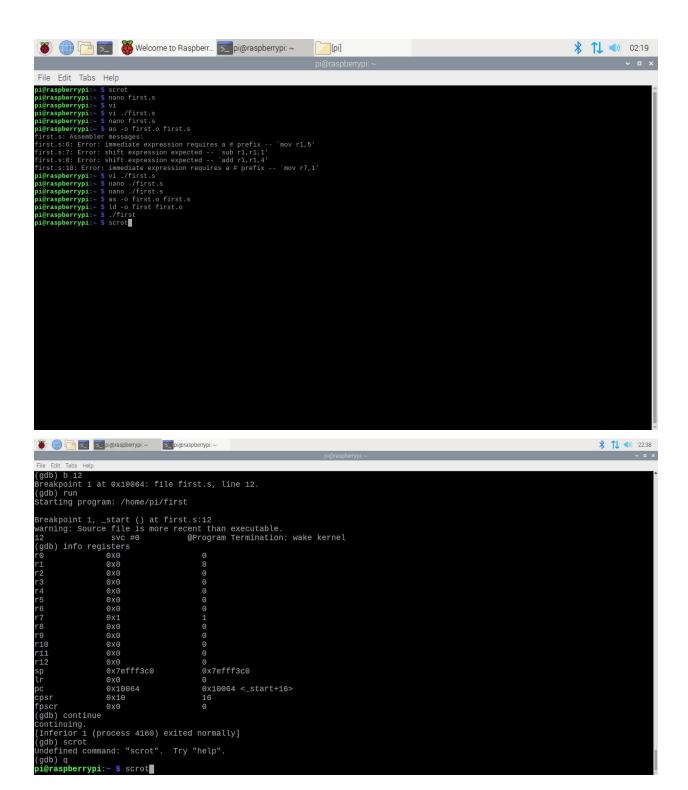
FALL 2019 - Group 5Pis Anthony Asilo, Chinonye Ekwenchi, Daniel Ingo, Nick Tatgenhorst, Jeremias Caceres

## ARM Assembly Report

The assembly program was decently simple. In order to write the first program given to us, we had to open the nano text editor. We typed it and wrote the file out. We assembled it into an objective file and linked it to an executable using as -o ./first.o ./first.s and ld -g -o ./first ./first.o, respectively. We used the GDB GNU to debug the program and then set a breakpoint and ran the program. It didn't print anything because there wasn't anything to print. We found the info of the registers and checked that the register contained the correct value. Next, we did the arithmetic file. We assigned 10 to r1, 11 to r2, 7 to r3, and 2 to r4. We had to do the parentheses first, and have the value being updated come before the value being added/subtracted/multiplied to. For example, A + B would be add r1, r2. The value of r2 goes into r1, but r2 still stays the same. We completed the code, assembled it, linked it, debugged it, and ran it the same way as we did with the program first.

Screenshots below



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### Color Table Help

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