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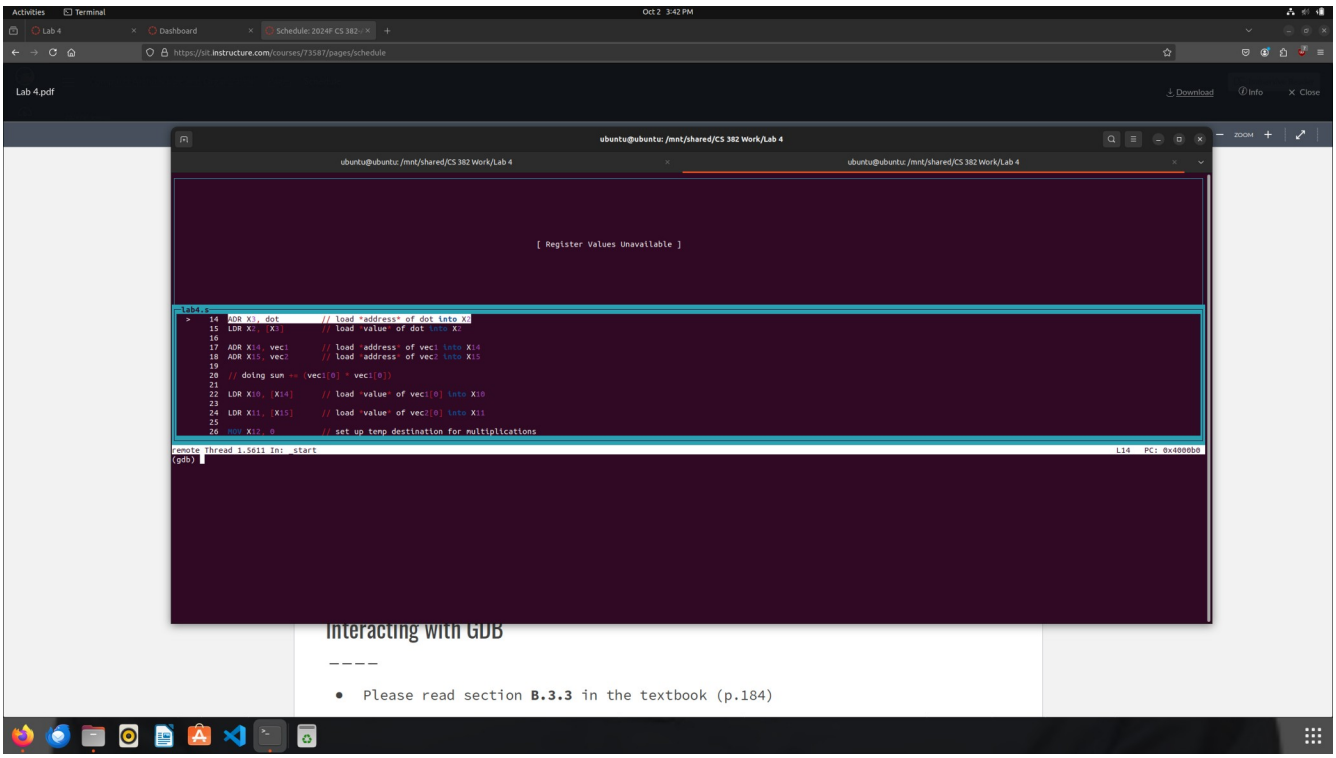
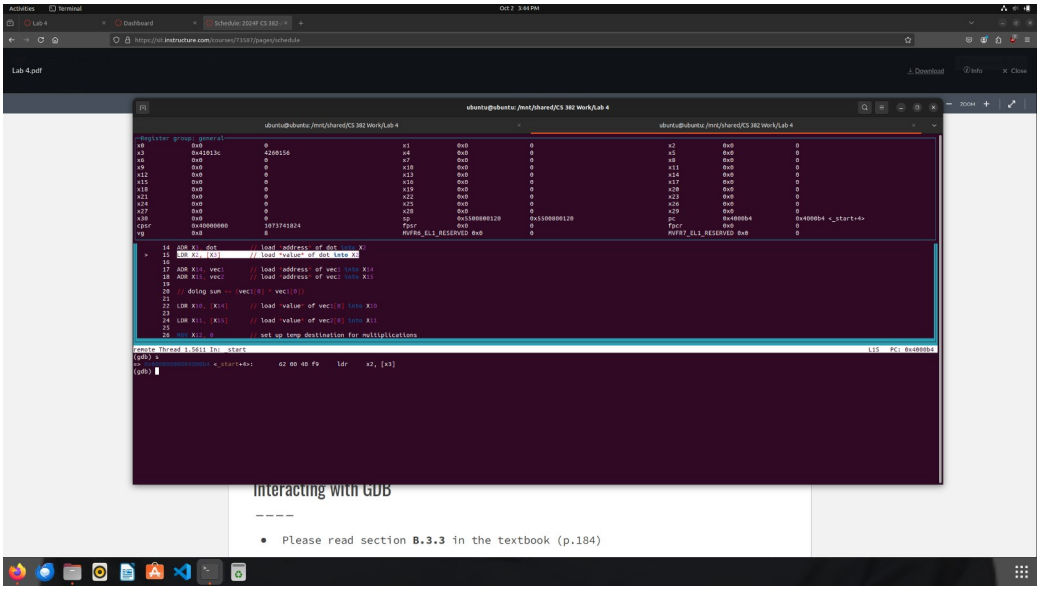
Pledge: I pledge my honor that I have abided by the Stevens Honor System.

Lab 4 Report

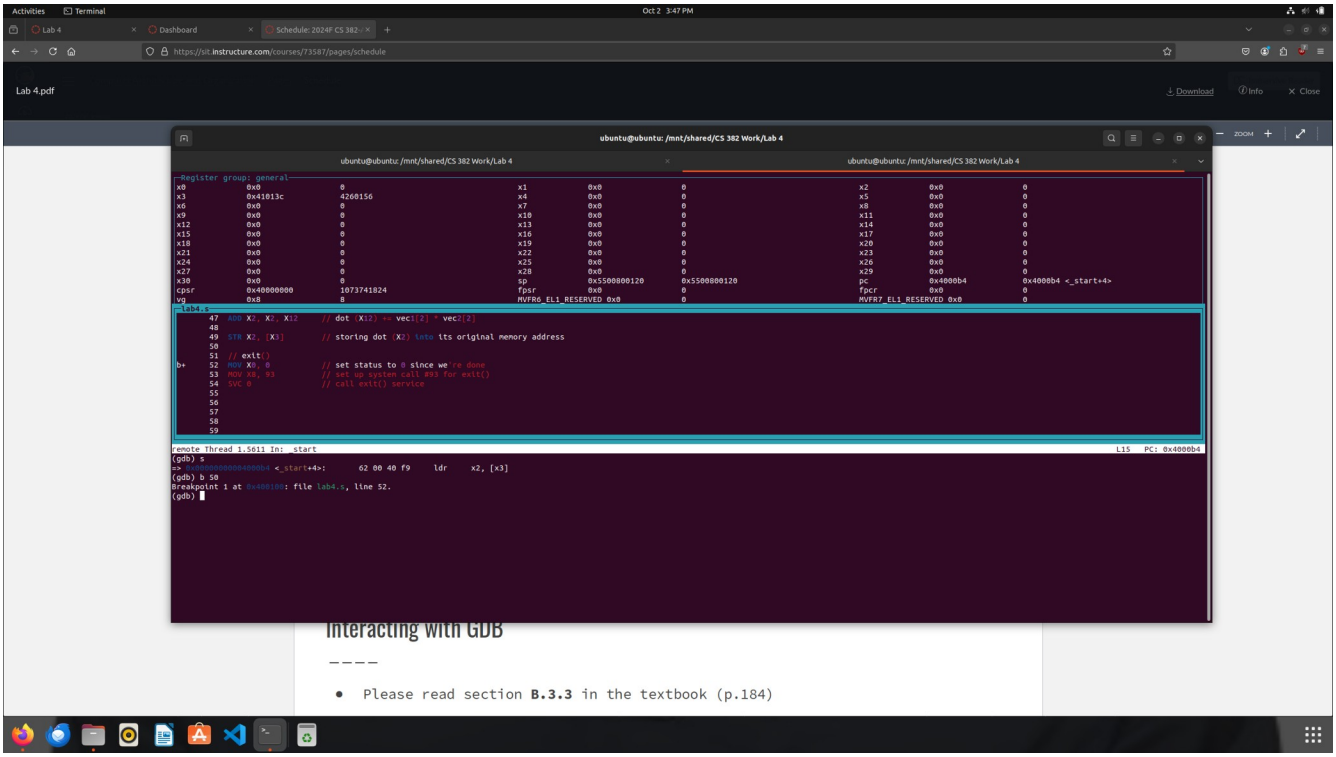
1. Here is the view of the terminal upon beginning to debug. Register values are not yet available because we have not stepped into the program yet.



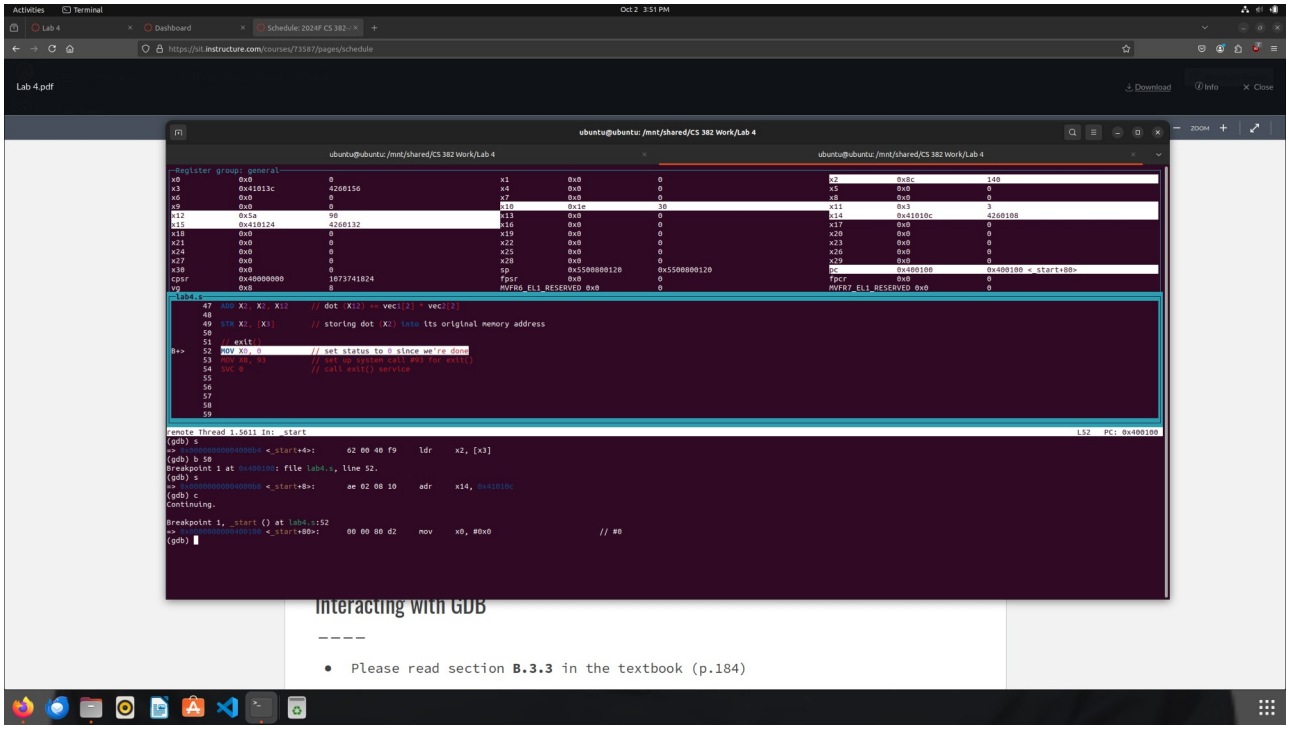
2. Performing the *s* command once steps us into the program. Here, we are about to load the address of dot into register X2.



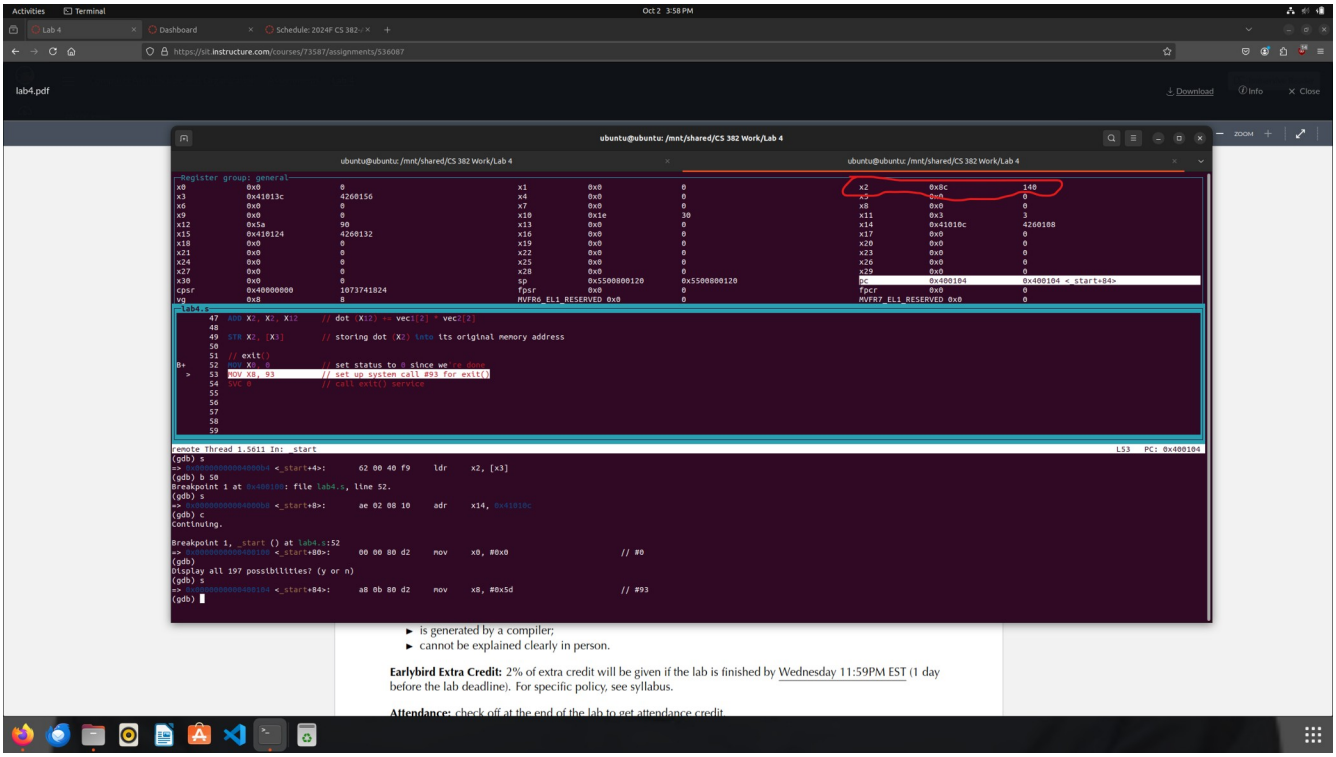
3. Before we proceed any further, we set a breakpoint (command b) at line 50 to view what the resultant of our dot product operation will be.



4. Next, we run c to continue execution of the program. Because of our actions in step 3, the program halts at the next possible instruction after line 50, which is the start of our exit script. As the program has copied the vectors over, we set the status to 0.



5. We step one more time to prepare for exit. As we can see from the circled portion, the program was able to give us the correct answer of 140 for the dot product output, which was copied to X2.



6. We continue execution from here. The program exits as expected.