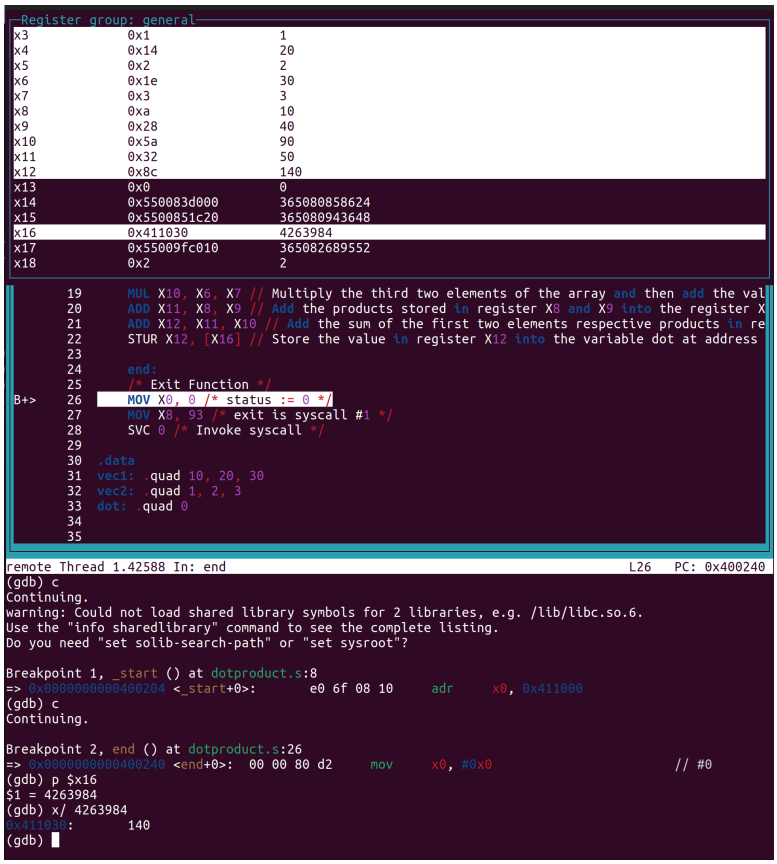
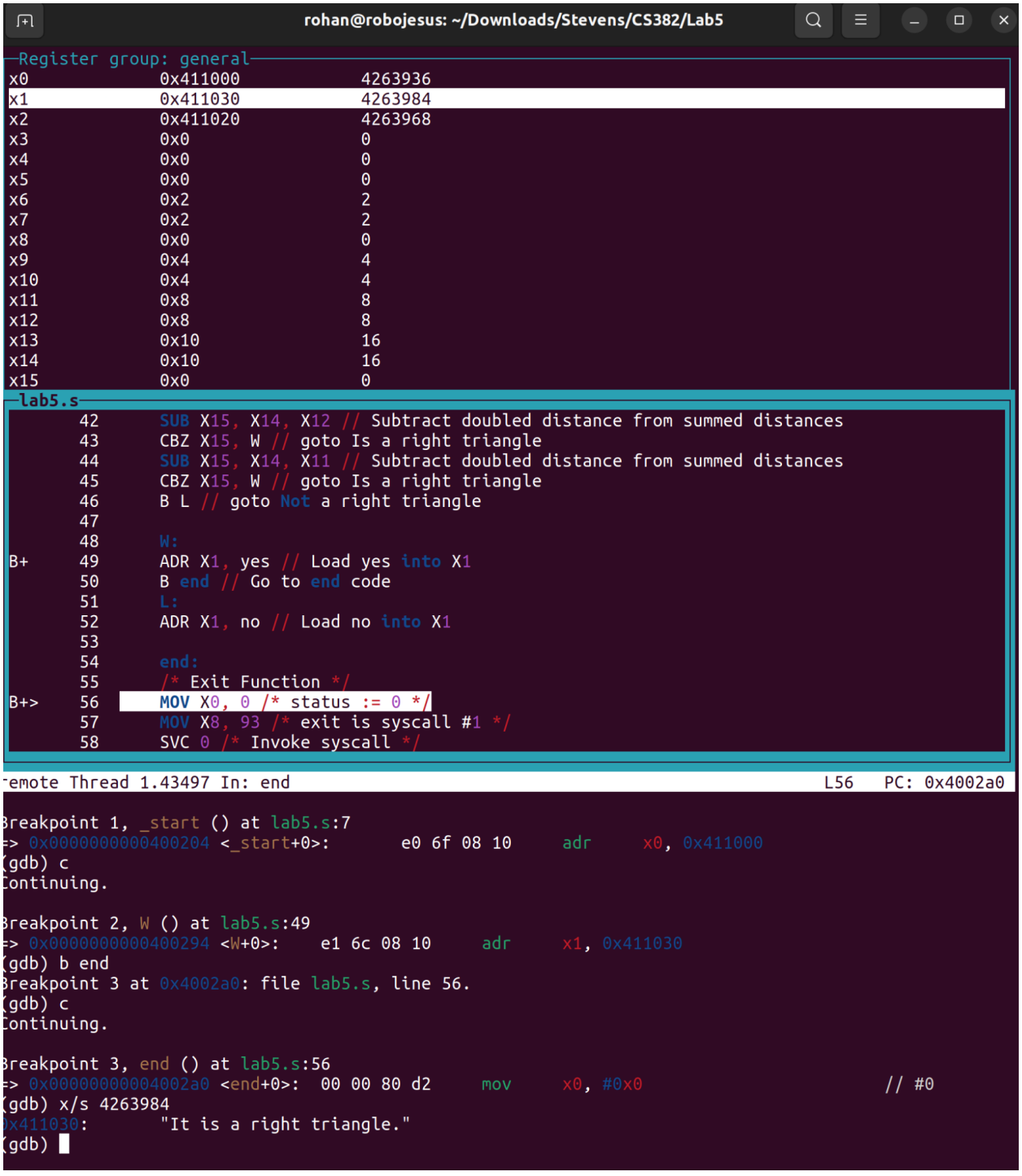
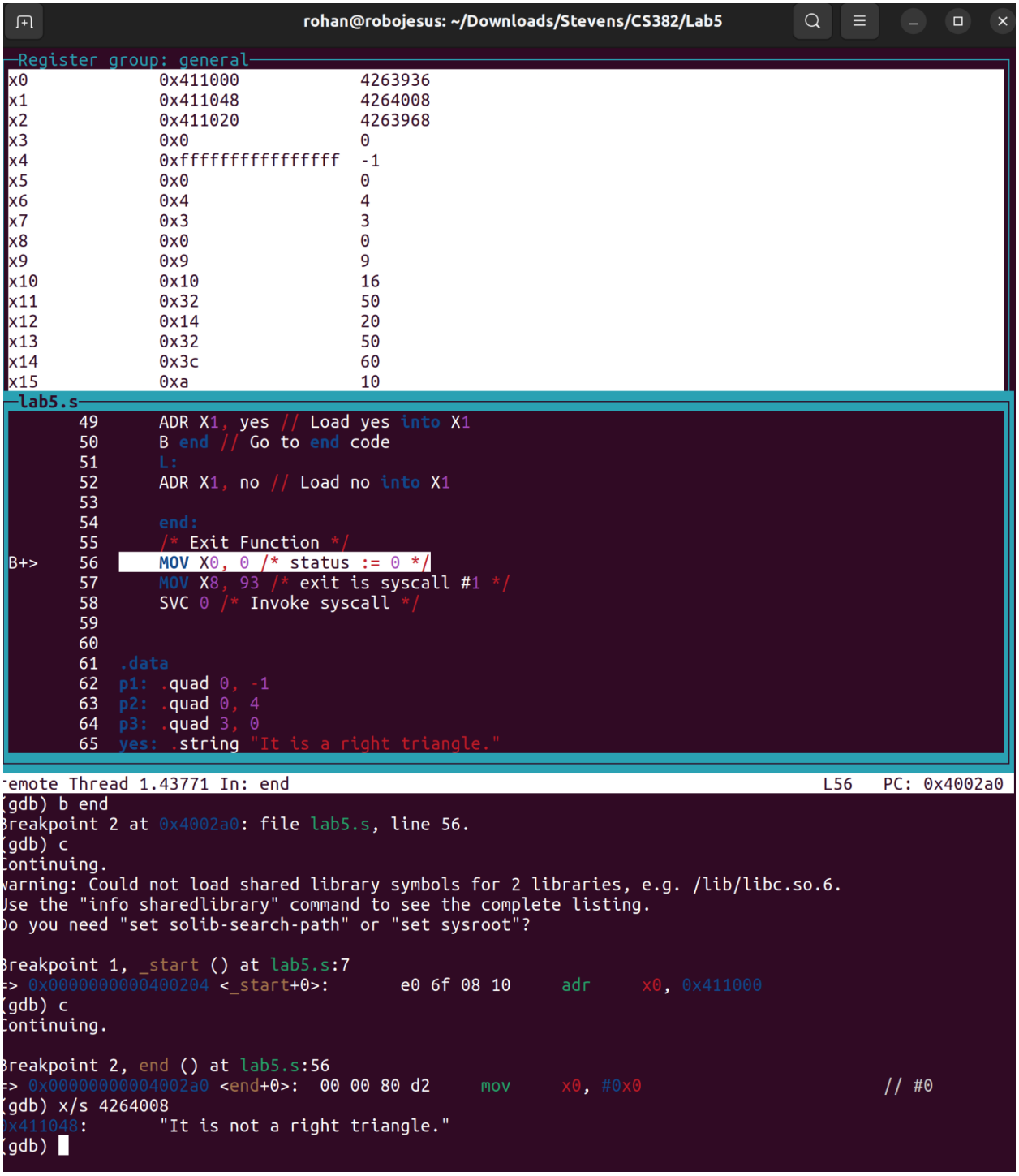
Rohan Kallur
I pledge my honor that I have abided by the Stevens Honor System.



This is for dot product, I stored the address of dot which contains the answer to the dotproduct equation, in X16.
If you see I got the memory address of x16, then x/ that memory address which output 140 which is the correct value of the dot product for those values given



Using the original three points given in the lab document I go through my assembly code, and after doing all the operations in my gdb assembly i did x/s (hex value stored in reg x1) and it stored the string “It is a right triangle.” which is the correct answer.



My own points

P1: (0, -1) P2: (0, 4) P3: (3, 0)

After doing all the operations in the function and stored my answer in X1

I printed out using x/s (hex value in reg x1) and it printed not a right triangle which is the correct answer.