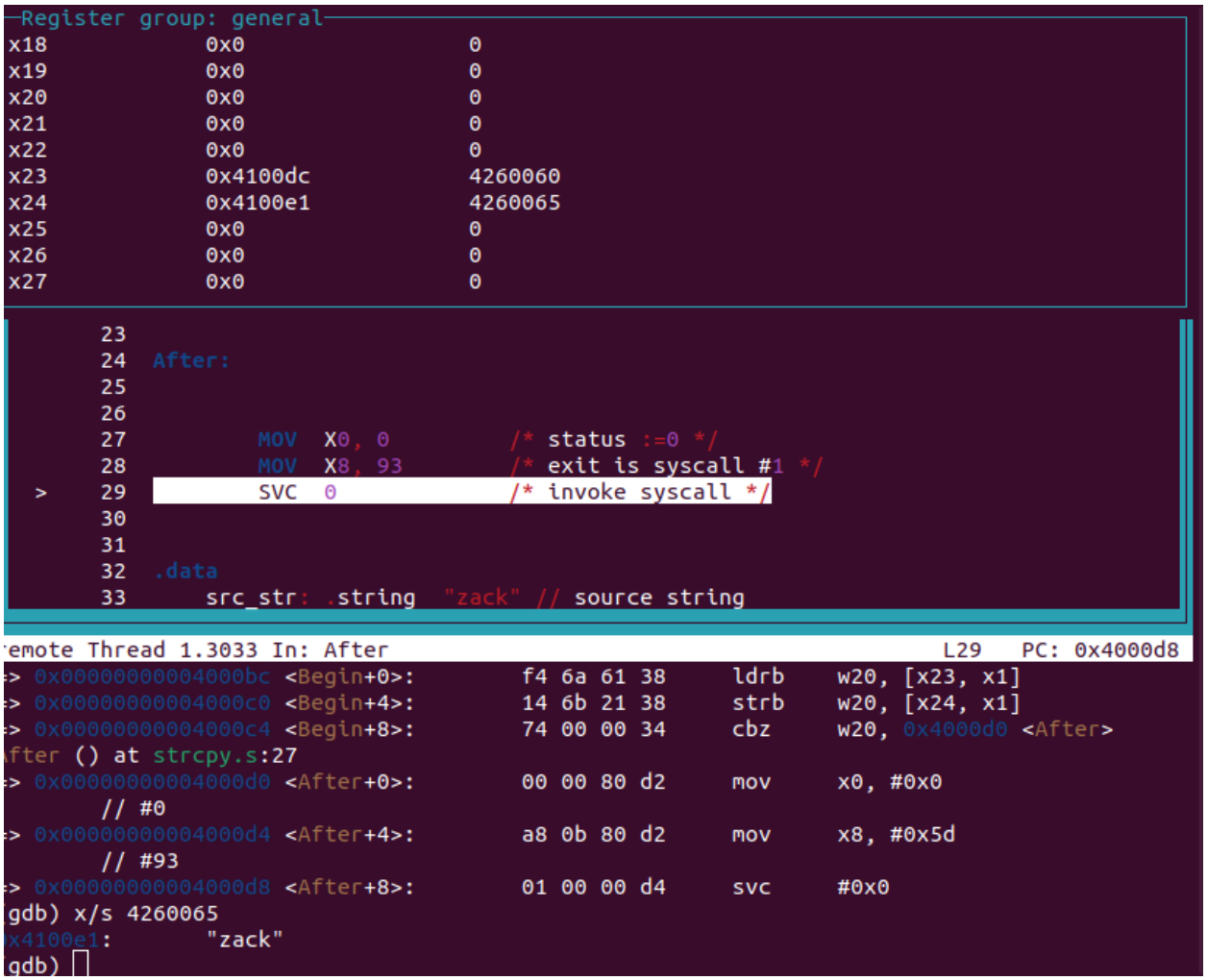
Zack Rimshnick
I pledge my honor that I have abided by the Stevens Honor System.
HW2 Report

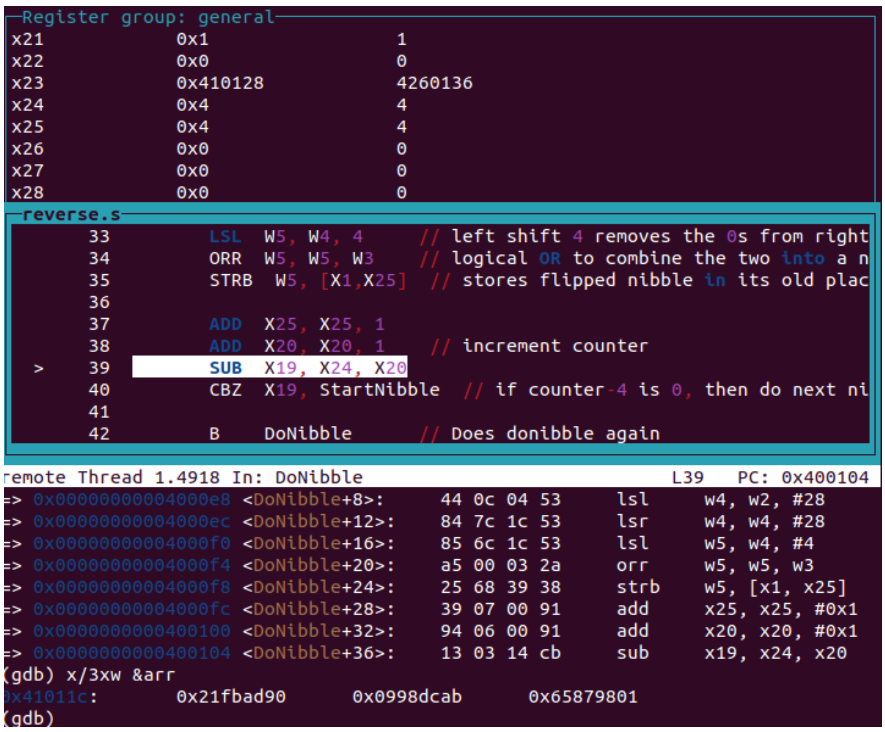
Task 1: Copy String

Using X23 as my starting string, and X24 as my destination string, after each loop through the program, it adds a new char from my string “zack” to the X24 register. As you can see, after the program is finished, “zack” is stored in X24 destination register

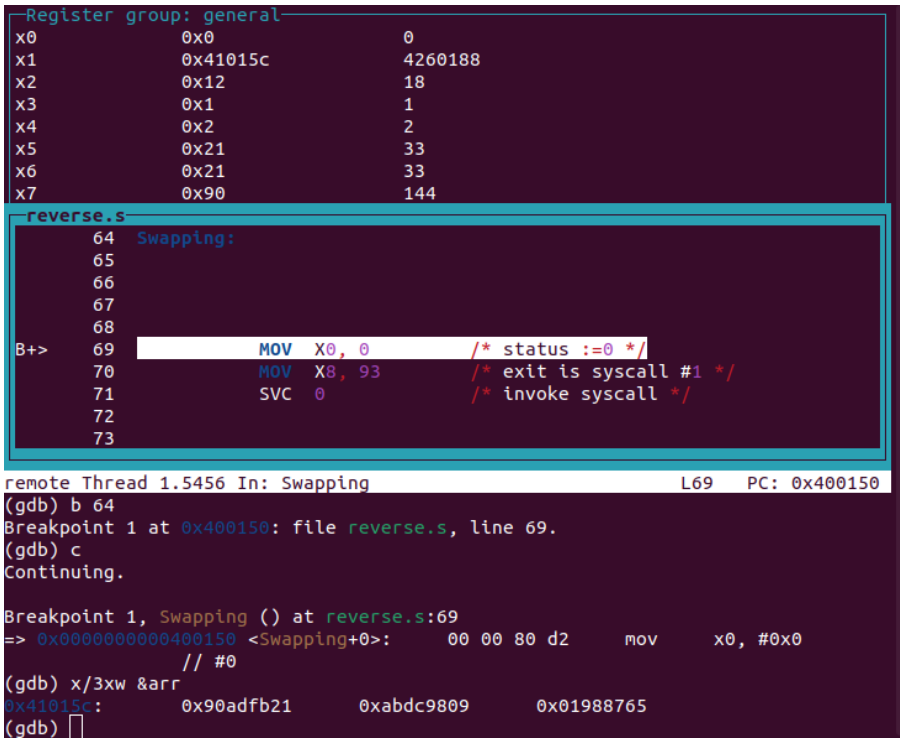


Task 2: Reversing Nibbles

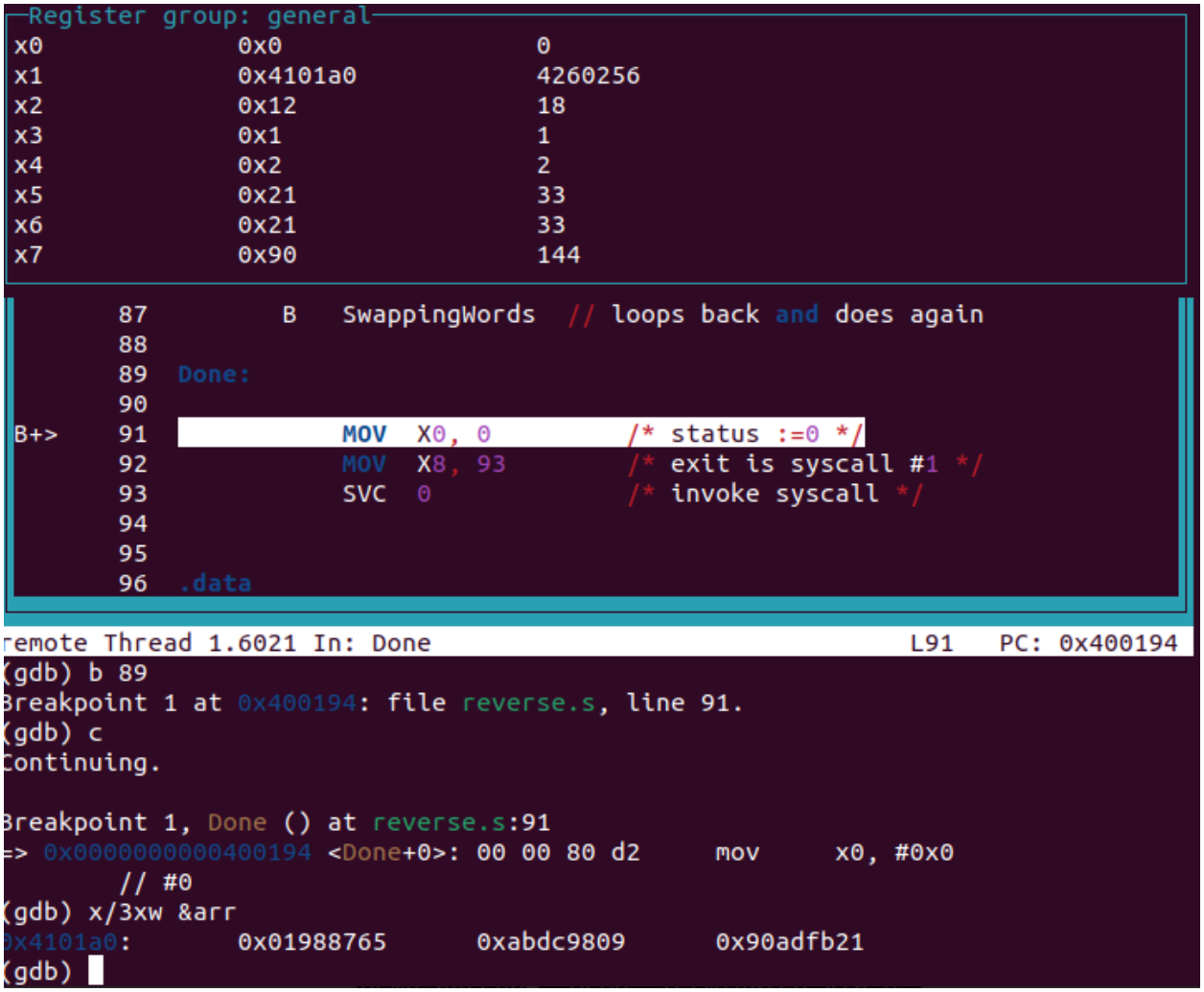
First, my program reverses each nibble and stores it in its original location in memory, but with its 2 digits flipped:



Next, it swaps the first and last nibbles in each word as well as the middle two nibbles in each word:



Then, as a result in reverses the order of words:



And gets the correct answer