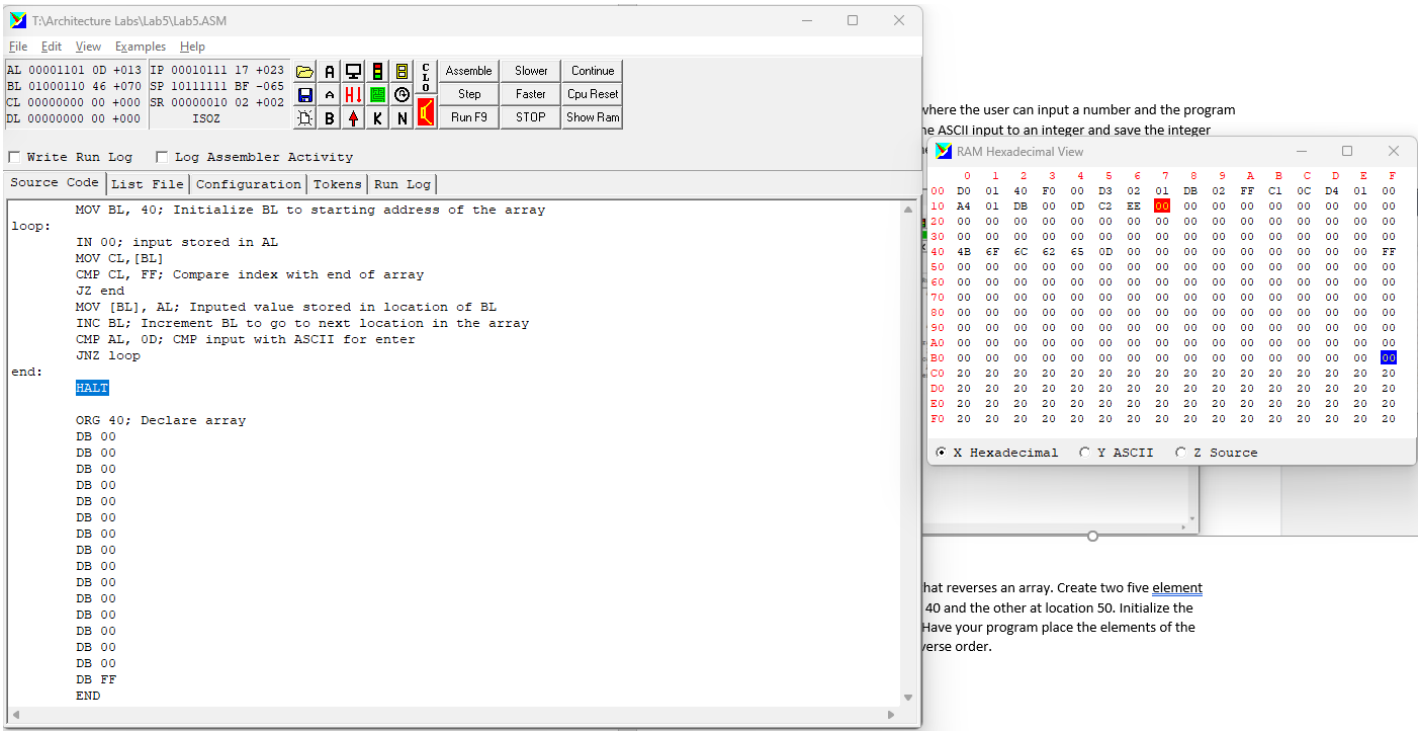
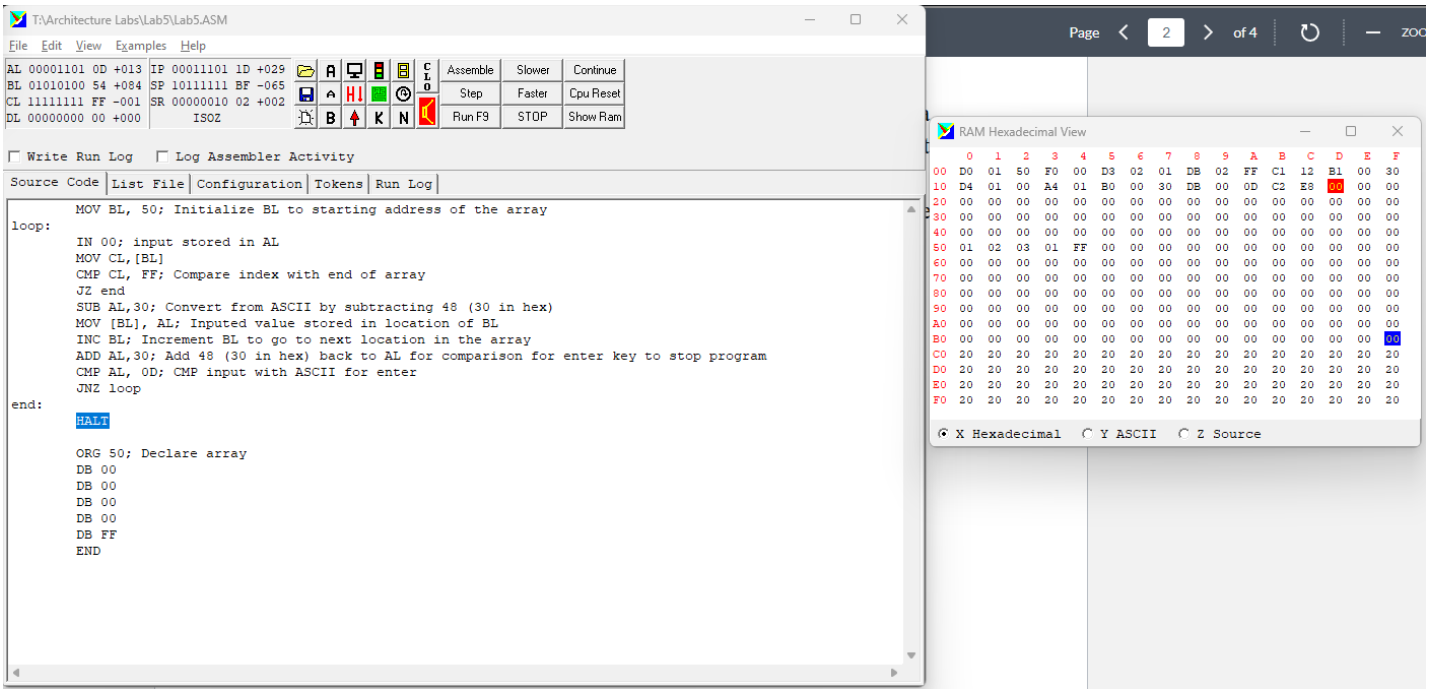
Exercises:

1. Write an assembly program where the user can input their name and save it into an array. Set aside 15 elements for your array (not including the termination element) starting at memory location 40. Set up your code to exit early when the user presses enter.



2. Write an assembly program where the user can input a number and the program will convert the number from the ASCII input to an integer and save the integer into an array. Make a four-element array at location 50 and input your birth year.



3. Write an assembly program that reverses an array. Create two five element arrays, one at memory location 40 and the other at location 50. Initialize the first array with random values. Have your program place the elements of the first array into the second in reverse order.