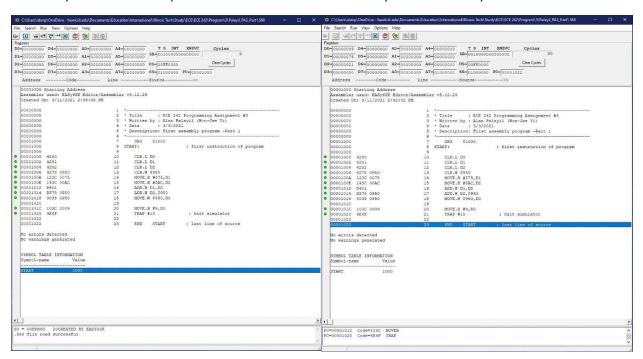
#### **Alan Palayil**

### ECE 242 - Programming Assignment #3

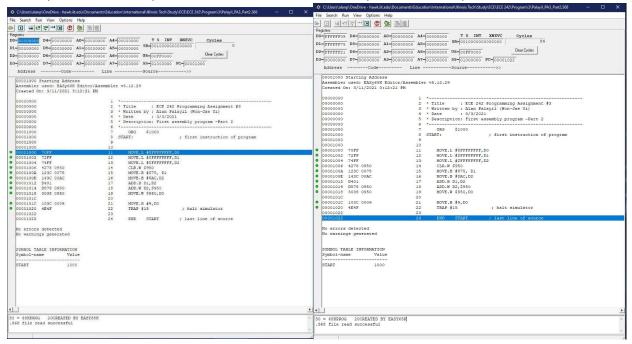
#### 6. Part 1 (Before Execution)

(After Execution)

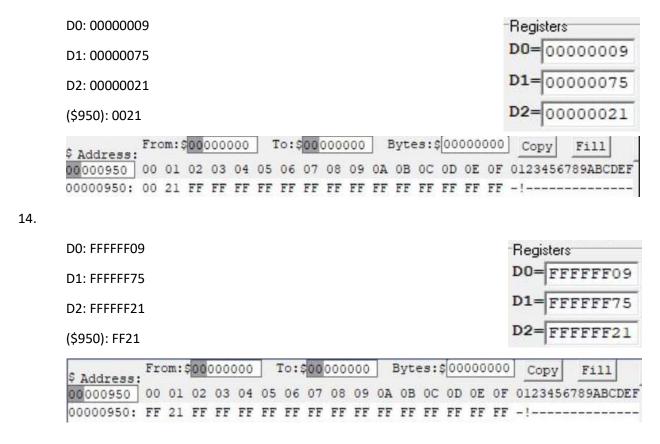


## Part 2 (Before Execution)

# (After Execution)



The first column are the address locations, second and third columns are the machine codes, fourth column is the line number, and fifth column is the code itself.



15. The difference between the codes in part 1 and part 2 are the way the registers are initialized. In part 1 the registered are just cleared to 00000000 while in part 2 the registers values are initialized (changed) to FFFFFFFF. So depending on the way the registers are initialized, the program's data can be changed just like how there's a difference in the data stored in the memory \$950.