EEEE-521-621-Lab3

1) This lab is a continuation of last week's lab. You will have to continue and complete the implementation of all other instructions, i.e. flow control and data transfer instructions.
2) Modify the code so that it fits your individual design specifications.
3) For 621 students: you will have to augment the code with the CALL and RET instructions. Also, implement all required addressing modes.
4) Once all your instruction cycles are working by executing the code snippet provided in rom1, archive the project and load it on mycourses along with your report.
5) Time permitting, demo it to the TA. Note: only the TA will assign a grade.
6) This concludes this week's lab.
7) **Grading**:
    a. 521:
        i. LD, ST (all addressing modes): 2 x 4 = 8 points.
        ii. SWAP and CPY: 2 x 2 = 4 points.
        iii. JMP (all 9 conditions): 2 x 9 = 18 points.
        iv. Total = 30 points.
    b. 621:
        i. LD, ST (all addressing modes): 2 x 4 = 8 points.
        ii. SWAP and CPY: 2 x 2 = 4 points.
        iii. CALL, RET, JMP (all 9 conditions): 3 x 6 = 18 points.
        iv. Total = 30 points.