Lab 2 (InLab): Arrays

Part 1 (4 Pt)

1. Make an assembly code incrementing each elements of an array A. The address of A[0] is 100, the address of A[1] is 101. Use CPI and CPIi when accessing A. Call this file inc.asm.
2. Test it for A[0] = 90 and A[1] = 95. Hence, at the end of your program we will see A[0] = 91 and A[1] = 96.
3. Checkpoint 1: Show the TA.

Part 2 (6 Pts)

1. Modify sortx_B.asm to make the assembly work correctly. You will be given comments on the appropriated task to be performed in low-level C, simply translate it into ASM.
2. Checkpoint 2: Show the TA.

Submission

Submit your inc.asm and sort.asm in LMS under the assignment LAB2.