HACETTEPE UNIVERSITY

ELECTRICAL AND ELECTRONICS ENGINEERING

ELE338 MICROPROCESSOR ARCHITECTURE AND PROGRAMMING LAB.

EXPERIMENTAL WORK 3
PROCEDURE USAGE AND STACK OPERATIONS
2020-2021 SPRING

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Results

Comment

In my code, I first defined the values I will enter in the data section, the values I will increase, the articles I press on the screen. I sent the values to the SI register with the LEA command. I first compared the values to find the position of the values. When I found the value range, I sent it instead of that value and increased the value by 1. Then I incremented the SI value by one and moved on to the next number, and I did this one by one for all numbers.

After finding the position of the numbers, I converted the hex values to decimal values in order to print the values I found in the row. Doing this one by one to find all the letter grade numbers, I pressed the screen.