

UNIVERSITY OF CALIFORNIA, RIVERSIDE
Department of Computer Science and Engineering
CS61 – Machine Organization and Assembly Language
Lab Assignment 3
Given August 13, Due 3:00 pm August 15, 2001

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1. In a LC-2 machine, there are 16 numbers stored in memory addressed from `x4100` to `x410F`. Write a LC-2 machine language program (following the format in Figure 5.8 at Page 109 inside your Text book.) to add all of them up and store the result into Memory addressed `x4110`. Your program should begin with the address `x3000`.

2. Solve the problem 6.7 on Textbook Page 136.

Note:

Please write your last four digits of your SSN on your answer sheet.