

COE 205 Lab

Term 031

Experiment 4

- 1 - Write a program that reads a one-digit number then displays it back on the screen.
- 2 – Write a program that reads two one-digit numbers, adds them then displays their sum on the screen.
- 3 - Modify the first program (1), and make it read a two-digit number (range 00-99), store the program in BCD format in memory (as NUM1). The program reads the number back from memory then displays it.
- 4 - Write a program that reads two two-digit numbers, adds them then displays their sum on the screen.
- 5 – (HW) Write program 4, put it in a table format then indicate for each instruction the addressing mode it uses.