

## CSE 101 ASSIGNMENT #2

DUE: NOVEMBER 3 SUNDAY 23:50

MUST BE SUBMITTED TO CLASS ONLINE MOODLE PAGE

### ASSIGNMENT:

For the Simple Machine described in Brookshear Book Appendix:

- 1- Write an assembly program that calculates two's complement of a given 16 bit number in 0000 0001
- 2- Modify your program so that it works for a 32bit number given in 0000 0001 0002 0003
- 3- Write an assembler program that computes the average of sixteen 8 bit numbers stored in memory and writes the result into 0000.