

## **CSCI/CMPE 2333 -- Program 2**

### **due November 8,2016**

Write two programs in assembly language that will

- read in ten integers (32 bit) into an array
- add up the elements
- find the average
- print out the integers and the sum and average

The first program should access the array using indexed operands, and the second should access the array using pointers.

Use the following set of integers (in decimal):

14     -32         0         7         42         -20         18         300     -123         -6

Use only the instructions covered so far.

**Hand in:**

- 1) A copy of the source files
- 2) A copy of the output from your program  
(copy the output screen)