

**Name:**

**Id#**

**COE 205, Term 052  
Computer Organization & Assembly Programming  
Quiz# 4**

Date: Saturday, April 8, 2006

**Q1.** Suppose that you have an array of **10** bytes as defined below:

**Array DB 1, 20, 15, 4, -6, 22, -50 99, 100, -10**

You are required to write a program to do the following:

- (i) Compute the square of each number in the array and store the result in another array called SQArray.
- (ii) Compute the result of dividing each number by 3 and store the Quotients in QArray and the remainders in RArray.