**Name:**                                                        **Id#**

## COE 205, Term 033

## Computer Organization & Assembly Programming

## Quiz# 5

Date: Monday, July 26, 2004

Q1. Write a program to count the number of 1's in register AL and store the count in register AH without changing the content of register AL.

Q2. Write a program to rearrange the bits of register AL such that the even bits and odd bits exchange places i.e. the register format becomes $A_6A_7A_4A_5A_2A_3A_0A_1$.