

COE 205, Term 022

Computer Organization & Assembly Programming

Programming Assignment# 1

Due Date: Sunday March 30, 2003

- Q.1.** Write an assembly program that does the following:
- (i)** Asks the user to enter his name. Assume that the maximum name length is 10 characters.
 - (ii)** Display a greeting message in a new line saying Hello followed by the entered name.
 - (iii)** Prompts the user to enter a number, n, between 0 and 9.
 - (iv)** Display the character at position n in the entered name.

A sample execution of the program is shown below:

*Enter your name: Aiman
Hello Aiman
Enter a number (0-9): 2
The character at position 2 is: m*

Include both a hard and soft copy of your program in an envelope that contains your name and ID. The solution should be well organized and your program should be well documented. The soft copy should be submitted in a floppy including a Readme file indicating the file names containing the solution and whether it works or not. The Readme file should also contain your name and ID.