COE 205, Term 033

Computer Organization & Assembly Programming

Programming Assignment# 1

Due date: Wednesday, July 14, 2004

Q.1. Write an 8086 assembly program that does the following:

(i) Ask the user to enter his name. Assume that the maximum name length is 20 characters.

(ii) Display a greeting message in a new line saying Hello followed by the entered name.

(iii) Print in a new line the initial name in correct order followed by the name in reverse order.

A sample execution of the program is shown below:

Enter your name: Aiman
Hello Aiman
Aiman namiA

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.