COE 205, Term 042

Computer Organization & Assembly Programming

Programming Assignment# 1

Due date: Sunday, March 20, 2005

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

(i)   Ask the user to enter a number n (1-9).

(ii) Read n names such that the maximum name length is 20 characters.

(iii) Display the list of names entered by the user.

A sample execution of the program is shown below:

Enter the number of names (1-9): 3
Enter 3 names:
Ali Ahmad
Khaled Muhammad
Samy Al-Khateeb

The list of names entered is:

Ali Ahmad
Khaled Muhammad
Samy Al-Khateeb

Note that your program should follow the format shown in the sample execution of the program. Include 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. Make sure that your program has enough comments that will help the grader easily understand your solution.