Name: **Id#**

Computer Organization & Assembly Programming
Quiz# 3

(Take Home)

Due date: Sunday, April 7

Write an 8086 assembly program to ask the user to enter a two-dimentional array of characters without predetermining its size. Elements of a single row should be separated by one or more spaces and each row is read in a new line. The program should print the size of the array entered i.e. the number of rows and columns after reading it. The program should also be able to print either the whole array, a particular row, a particular column, or a single element of the array based on the user's choice. Assume that the maximum allowed array size is 9x9.
Make sure that your program is well documented. Provide a hard copy of the program and a soft copy stored in a floppy.