

**Name:**

**Id#**

**COE 205, Term 043  
Computer Organization & Assembly Programming  
Quiz# 3**

Date: Monday, July 18, 2005

**Q1.** Write **8086** assembly program to do the following:

- i. Ask the user to enter a character.
- ii. In a new line, display the character inside a box of stars as shown below.

Sample execution of the program:

Enter a character: 1

\* \* \* \* \*

\* \* 1 \* \*

\* \* \* \* \*

Note that the ASCII code for the **Line Feed** character is **10** and that for the **Carriage Return** is **13**.