**Computer Architecture and Organization**

**Lab Task-1**

**Final Term**

1. Write assembly code for the following structure.

If(AL >= ‘A’) then put 5 in cl and print

else put 6 in cl and print.

1. Write a code to implement the following-

If it's "A", then execute carriage return.

If it's "Bn, then execute line feed.

If it's any other character, then return to DOS.

1. Write assembly code for the following structure.

IF AY < BX

THEN

put 0 in AX

ELSE

IF BX < CX

THEN

put 0 in BX

ELSE

put 0 in CX

END IF

END IF

1. Write a program that will prompt the user to enter anything, display it on the next line in, and ask the user if he or she wants to do it again. If the user types "y" or "Y", the ·program repeats; If the user types anything else, the program terminates. If the user enters an illegal character, prompt the user to try again.