**MICROPROCESSOR AND INTERFACING TECHNIQUES**

**CODE: CSI2006 SLOT: L53 + L54**

**LAB ASSIGNMENT – 6**



**AIM:** To write an assembly language program for

* Convert lower case letters to upper case
* Block transfer

**ALGORITHM:**

* Lower Case to Upper case a string

**Input:**

-> “ABCD” as input

**Process:**

* Using a stack to store the string via using push().
* Then popping out the string and as the stack stores the in LIFO manner hence our string is reversed.

**Conclusion for reversing the string:** Lower case string as output.

**Mounting the drive**

Graphical user interface, text, application

Description automatically generated

**Compiling the code**

Text

Description automatically generated

**Debugging the code**

Graphical user interface, text

Description automatically generated

**Our input : ABCD**

A screen shot of a computer

Description automatically generated with low confidence

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

Text

Description automatically generated

**Our input : abcd**

Text

Description automatically generated with medium confidence