**Lab Sheet # 10**

Objectives:

Familiarization with 8086 microprocessor instructions related to string operations.

1. Write an assembly language program to read a character from keyboard, convert the character into uppercase and display it in next line.
2. Write an assembly language program for 8086 to display the string “ khwopa engineering college”. Also display its uppercase equivalent string in the next line.
3. WAP to read the string from the user and reverse the string. Also display both of the strings.
4. Write an assembly language program for 8086 to display the string “rhodOdendron”. Count the number of vowels in the string and display the count in the screen.
5. WAP read the string from the user and display each word at the centre of the screen with first letter in uppercase and remaining letter in lowercase i.e in sentence case.