**Assignment 1**

1. Write an Assembly Language Program to add two byte integers and store the result in DX register.
2. Write an 8086 Assembly Language Program to subtract two 8-bit signed integers. The numbers can be stored in the data segment.
3. Write an Assembly Language Program to print your name, which is stored in memory as a string.
4. Write an Assembly Language Program to reverse a string using stack and display the result.
5. Write an 8086 Assembly Language Program which will ask for a number and the no. will be taken from keyboard. Print the number in decimal, binary and hexadecimal format.
6. Now modify the program in Q2 so that it will ask for your name and takes the input from keyboard.
7. Write an Assembly Language Program to check the length of a given string.