Data Communication And Networking
6th Sem MSc-IT

<u>ASSIGNMENT – 2</u>

1. Implement **Character Count** As a Framing Technique with both **TCP** as well as **UDP** Protocols.

2. Implement **Bit Stuffing** Framing Technique with both **TCP** as well as **UDP** Protocols.

3. Implement **Byte Stuffing** (Character Stuffing) Framing Technique with both **TCP** as well as **UDP** Protocols.

4. Implement the Fibonacci series using Multithreading.

5. Write a program of a Multithreading that accepts values of radius and height. Find volume of Cylinder using the below formula: V = 3.14 * square of radius * height

6. Write a program of a Multithreading which takes one number from the user and performs the summation of all digits. (For example: if the number is 437 then perform 4+3+7 = 14).