Assignment 2

1. With a flow diagram explain how sockets created, used and closed for data transfer at server and client side for iterative TCP communication.
2. With a FSM explain the sender side states for GO back N protocol.
3. With a FSM explain the sender side states for Selective repeat protocol.
4. Give a diagram showing different segments exchanged between server and client for the example shown below.

Client and server establish a TCP connection with 9800 and 1200 as ISNs respectively. Then client transmits two data segments with 2500 bytes each and server responds with a 3000 byte segment. At the end they use three way handshaking for connection termination.

1. Using a state transition diagram explain Half close scenario in TCP.