**Lab Assignment (31st Aug, 2018)**

Do the following:

* you will design a stop-n-wait flow control protocol for half duplex mode of communication
* Design a sliding window flow protocol for half duplex mode of communication
* Design a sliding window protocol for full duplex mode of communication
* compare the performance of the protocols graphically with the following parameters: (design your own channel model)

1. Throughput vs no. of frames with fixed bandwidth
2. Throughput vs bandwidth with fixed no of frames

**Review:**

**#1 Does the channel model affects the performance of network?**

**#2 Which protocol has improved performance?**

**#3 What is the %age of performance improvement of the protocol answered in previous question?**