ASSIGNMNENT 3

1. Explain how pipelined approach improves sender utilization and also describe Go-Back-N Pipeline approach in transport Layer [Knowledge, Comprehension].

2. Define congestion and overflow [Knowledge].

3. Classify the slow-start Component of the TCP congestion-control algorithm. [Application].

3. Examine the TCP Segment structure and justify the importance of its field values [Application].

4. How many packets overhead while doing packet transmission in TCP. Draw TCP Connection establishment and termination process with Diagram [Analysis].

5. Suppose a process in Host C has a UDP socket with port number 6789. Suppose both Host A and Host B each send a UDP segment to Host C with destination port number 6789. Will both of these segments be directed to the same socket at Host C? If so, how will the process at Host C know that these two segments originated from two different hosts [Analysis]?

Note:
1. Kindly ignore red marked words.
2. This assignment is created based on **Bloom's Taxonomy.**
3. Due Date: 25/04/2017

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