**TCP congestion avoidance Algorithm**

W=window size

--Slow start: W=1

--Initially with each successful transmission W=W+1

--After 3 successful transmission: W=2\*W

--When Threshhold<=Window Size [This situation is known as **Congestion Avoidance** (CA)]

W=W+1

--Data Drop:

i) Data drop due to duplicate acknowledgement: Congestion window/2

ii) Data drop due to timeout: Slow start (W=1)