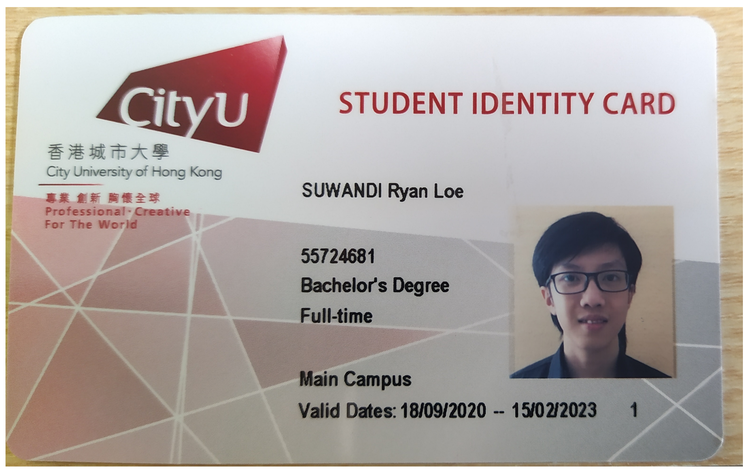
i) TCP slow start is operating at [4, 7] because the window sizes are doubling up.




ii) TCP congestion avoidance is operating at [1, 3] and [7, 16] because of the linear increments to the window size

iii) After the 3rd transmission, packet loss is recognized by timeout. and the window size is reset to 1.

iv) After the 11th transmission, segment loss is recognized by a triple duplicate Ack where window size is halved

v) Maximum possible initial size on first transmission round is 14, when TCP congestion avoidance started working.

vi) Since a timeout was detected, the congestion size of 16 got reset to 1 during the 4th transmission round.

vii) Since triple duplicate Ack was detected, the congestion size of 12 got reduced to 6 during the 12th transmission round.

viii) Congestion size at 16th will be 2 since the packet is lost at 15th which had congestion size of 4