CS 348: NETWORK SWITCHING AND ROUTING.

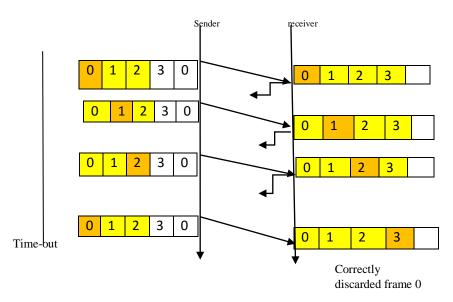
ASSIGNMENT 01.

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Solution

In this problem a window size must be change at receiver side, Therefore at sender side the window size is 3 and at receiver side preferred to be extended to window size of 4, a sequence number remain the same, When a sender send frames at window size of 3 and all ACKs are lost and timed is out. The sender will retransmit frames again starting from frame 0, but when receiver receive frame 0 will correctly discard it because expect to get frame 3 and not frame 0



Window size>2m-1