"D:\Drive\L-3 T-2\CSE 322 - Computer Networks Sessional\Assignment 4 - RDT\CSE\_322\_Assignment4\_RDT\RDT\_ABP2\cmake-build-debug\RDT\_ABP2.exe"

----- Stop and Wait Network Simulator Version 1.1 --------

Enter the number of messages to simulate:20

20

Enter packet loss probability [enter 0.0 for no loss]:.3

.3

Enter packet corruption probability [0.0 for no corruption]:.2

.2

Enter average time between messages from sender's layer5 [ > 0.0]:1000

1000

Enter TRACE:2

2

EVENT time: 93.569748, type: 1, fromlayer5 entity: 0

\*\*\*At 93.569748 In A\_output(): Sending pkt0 : aaaaaaaaaaaaaaaaaaa\*\*\*

EVENT time: 99.062195, type: 2, fromlayer3 entity: 1

\*\*\*At 99.062195 In B\_input(): Correct packet received. pkt0 : aaaaaaaaaaaaaaaaaaa\*\*\*

EVENT time: 101.561325, type: 2, fromlayer3 entity: 0

\*\*\*At 101.561325 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 1607.715088, type: 1, fromlayer5 entity: 0

\*\*\*At 1607.715088 In A\_output(): Sending pkt1 : bbbbbbbbbbbbbbbbbbb\*\*\*

EVENT time: 1609.116333, type: 2, fromlayer3 entity: 1

\*\*\*At 1609.116333 In B\_input(): Correct packet received. pkt1 : bbbbbbbbbbbbbbbbbbb\*\*\*

EVENT time: 1614.552979, type: 2, fromlayer3 entity: 0

\*\*\*At 1614.552979 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 2322.031250, type: 1, fromlayer5 entity: 0

\*\*\*At 2322.031250 In A\_output(): Sending pkt0 : ccccccccccccccccccc\*\*\*

EVENT time: 2325.527344, type: 2, fromlayer3 entity: 1

\*\*\*At 2325.527344 In B\_input(): Correct packet received. pkt0 : ccccccccccccccccccc\*\*\*

EVENT time: 2328.412354, type: 2, fromlayer3 entity: 0

\*\*\*At 2328.412354 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 3332.804199, type: 1, fromlayer5 entity: 0

\*\*\*At 3332.804199 In A\_output(): Sending pkt1 : ddddddddddddddddddd\*\*\*

EVENT time: 3337.380615, type: 2, fromlayer3 entity: 1

\*\*\*At 3337.380615 In B\_input(): Correct packet received. pkt1 : ddddddddddddddddddd\*\*\*

EVENT time: 3345.409912, type: 2, fromlayer3 entity: 0

\*\*\*At 3345.409912 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 5057.893555, type: 1, fromlayer5 entity: 0

\*\*\*At 5057.893555 In A\_output(): Sending pkt0 : eeeeeeeeeeeeeeeeeee\*\*\*

EVENT time: 5063.455078, type: 2, fromlayer3 entity: 1

\*\*\*At 5063.455078 In B\_input(): Correct packet received. pkt0 : eeeeeeeeeeeeeeeeeee\*\*\*

TOLAYER3: packet being lost

EVENT time: 5082.893555, type: 0, timerinterrupt entity: 0

\*\*\*At 5082.893555 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: eeeeeeeeeeeeeeeeeee\*\*\*

EVENT time: 5088.841309, type: 2, fromlayer3 entity: 1

\*\*\*At 5088.841309 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

EVENT time: 5091.039063, type: 2, fromlayer3 entity: 0

\*\*\*At 5091.039063 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 5746.330078, type: 1, fromlayer5 entity: 0

\*\*\*At 5746.330078 In A\_output(): Sending pkt1 : fffffffffffffffffff\*\*\*

EVENT time: 5747.367676, type: 1, fromlayer5 entity: 0

\*\*\*At 5747.367676 In A\_output(): Last packet not acked yet. dropping message : ggggggggggggggggggg\*\*\*

EVENT time: 5750.909180, type: 2, fromlayer3 entity: 1

\*\*\*At 5750.909180 In B\_input(): Correct packet received. pkt1 : fffffffffffffffffff\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 5759.888184, type: 2, fromlayer3 entity: 0

\*\*\*At 5759.888184 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 5771.330078, type: 0, timerinterrupt entity: 0

\*\*\*At 5771.330078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: fffffffffffffffffff\*\*\*

EVENT time: 5773.250000, type: 2, fromlayer3 entity: 1

\*\*\*At 5773.250000 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 5782.884766, type: 2, fromlayer3 entity: 0

\*\*\*At 5782.884766 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 5796.330078, type: 0, timerinterrupt entity: 0

\*\*\*At 5796.330078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: fffffffffffffffffff\*\*\*

EVENT time: 5802.411621, type: 2, fromlayer3 entity: 1

\*\*\*At 5802.411621 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

EVENT time: 5806.963379, type: 2, fromlayer3 entity: 0

\*\*\*At 5806.963379 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 6231.452148, type: 1, fromlayer5 entity: 0

\*\*\*At 6231.452148 In A\_output(): Sending pkt0 : hhhhhhhhhhhhhhhhhhh\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 6239.164063, type: 2, fromlayer3 entity: 1

\*\*\*At 6239.164063 In B\_input(): Corrupt packet received, sending NACK\*\*\*

EVENT time: 6244.859863, type: 2, fromlayer3 entity: 0

\*\*\*At 6244.859863 In A\_input(): NACK received for pkt0\*\*\*

EVENT time: 6256.452148, type: 0, timerinterrupt entity: 0

\*\*\*At 6256.452148 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: hhhhhhhhhhhhhhhhhhh\*\*\*

EVENT time: 6264.305664, type: 2, fromlayer3 entity: 1

\*\*\*At 6264.305664 In B\_input(): Correct packet received. pkt0 : hhhhhhhhhhhhhhhhhhh\*\*\*

EVENT time: 6266.832031, type: 2, fromlayer3 entity: 0

\*\*\*At 6266.832031 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 6528.275391, type: 1, fromlayer5 entity: 0

\*\*\*At 6528.275391 In A\_output(): Sending pkt1 : iiiiiiiiiiiiiiiiiii\*\*\*

TOLAYER3: packet being lost

EVENT time: 6553.275391, type: 0, timerinterrupt entity: 0

\*\*\*At 6553.275391 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: iiiiiiiiiiiiiiiiiii\*\*\*

TOLAYER3: packet being lost

EVENT time: 6578.275391, type: 0, timerinterrupt entity: 0

\*\*\*At 6578.275391 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: iiiiiiiiiiiiiiiiiii\*\*\*

TOLAYER3: packet being lost

EVENT time: 6603.275391, type: 0, timerinterrupt entity: 0

\*\*\*At 6603.275391 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: iiiiiiiiiiiiiiiiiii\*\*\*

TOLAYER3: packet being lost

EVENT time: 6628.275391, type: 0, timerinterrupt entity: 0

\*\*\*At 6628.275391 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: iiiiiiiiiiiiiiiiiii\*\*\*

EVENT time: 6629.436035, type: 2, fromlayer3 entity: 1

\*\*\*At 6629.436035 In B\_input(): Correct packet received. pkt1 : iiiiiiiiiiiiiiiiiii\*\*\*

EVENT time: 6633.632324, type: 2, fromlayer3 entity: 0

\*\*\*At 6633.632324 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 8422.437500, type: 1, fromlayer5 entity: 0

\*\*\*At 8422.437500 In A\_output(): Sending pkt0 : jjjjjjjjjjjjjjjjjjj\*\*\*

TOLAYER3: packet being lost

EVENT time: 8447.437500, type: 0, timerinterrupt entity: 0

\*\*\*At 8447.437500 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: jjjjjjjjjjjjjjjjjjj\*\*\*

EVENT time: 8448.981445, type: 2, fromlayer3 entity: 1

\*\*\*At 8448.981445 In B\_input(): Correct packet received. pkt0 : jjjjjjjjjjjjjjjjjjj\*\*\*

TOLAYER3: packet being lost

EVENT time: 8472.437500, type: 0, timerinterrupt entity: 0

\*\*\*At 8472.437500 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: jjjjjjjjjjjjjjjjjjj\*\*\*

EVENT time: 8478.355469, type: 2, fromlayer3 entity: 1

\*\*\*At 8478.355469 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 8485.750000, type: 2, fromlayer3 entity: 0

\*\*\*At 8485.750000 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 8497.437500, type: 0, timerinterrupt entity: 0

\*\*\*At 8497.437500 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: jjjjjjjjjjjjjjjjjjj\*\*\*

TOLAYER3: packet being lost

EVENT time: 8522.437500, type: 0, timerinterrupt entity: 0

\*\*\*At 8522.437500 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: jjjjjjjjjjjjjjjjjjj\*\*\*

EVENT time: 8527.120117, type: 2, fromlayer3 entity: 1

\*\*\*At 8527.120117 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

EVENT time: 8530.088867, type: 2, fromlayer3 entity: 0

\*\*\*At 8530.088867 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 8581.438477, type: 1, fromlayer5 entity: 0

\*\*\*At 8581.438477 In A\_output(): Sending pkt1 : kkkkkkkkkkkkkkkkkkk\*\*\*

EVENT time: 8589.420898, type: 2, fromlayer3 entity: 1

\*\*\*At 8589.420898 In B\_input(): Correct packet received. pkt1 : kkkkkkkkkkkkkkkkkkk\*\*\*

EVENT time: 8591.083008, type: 2, fromlayer3 entity: 0

\*\*\*At 8591.083008 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 9364.604492, type: 1, fromlayer5 entity: 0

\*\*\*At 9364.604492 In A\_output(): Sending pkt0 : lllllllllllllllllll\*\*\*

EVENT time: 9371.533203, type: 2, fromlayer3 entity: 1

\*\*\*At 9371.533203 In B\_input(): Correct packet received. pkt0 : lllllllllllllllllll\*\*\*

TOLAYER3: packet being lost

EVENT time: 9389.604492, type: 0, timerinterrupt entity: 0

\*\*\*At 9389.604492 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: lllllllllllllllllll\*\*\*

TOLAYER3: packet being lost

EVENT time: 9414.604492, type: 0, timerinterrupt entity: 0

\*\*\*At 9414.604492 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: lllllllllllllllllll\*\*\*

EVENT time: 9420.041016, type: 2, fromlayer3 entity: 1

\*\*\*At 9420.041016 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 9439.604492, type: 0, timerinterrupt entity: 0

\*\*\*At 9439.604492 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: lllllllllllllllllll\*\*\*

TOLAYER3: packet being lost

EVENT time: 9464.604492, type: 0, timerinterrupt entity: 0

\*\*\*At 9464.604492 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: lllllllllllllllllll\*\*\*

TOLAYER3: packet being lost

EVENT time: 9489.604492, type: 0, timerinterrupt entity: 0

\*\*\*At 9489.604492 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: lllllllllllllllllll\*\*\*

EVENT time: 9496.045898, type: 2, fromlayer3 entity: 1

\*\*\*At 9496.045898 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 9514.604492, type: 0, timerinterrupt entity: 0

\*\*\*At 9514.604492 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: lllllllllllllllllll\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 9523.262695, type: 2, fromlayer3 entity: 1

\*\*\*At 9523.262695 In B\_input(): Corrupt packet received, sending NACK\*\*\*

EVENT time: 9524.312500, type: 2, fromlayer3 entity: 0

\*\*\*At 9524.312500 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 10417.737305, type: 1, fromlayer5 entity: 0

\*\*\*At 10417.737305 In A\_output(): Sending pkt1 : mmmmmmmmmmmmmmmmmmm\*\*\*

EVENT time: 10421.822266, type: 2, fromlayer3 entity: 1

\*\*\*At 10421.822266 In B\_input(): Correct packet received. pkt1 : mmmmmmmmmmmmmmmmmmm\*\*\*

EVENT time: 10422.833984, type: 2, fromlayer3 entity: 0

\*\*\*At 10422.833984 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 10491.287109, type: 1, fromlayer5 entity: 0

\*\*\*At 10491.287109 In A\_output(): Sending pkt0 : nnnnnnnnnnnnnnnnnnn\*\*\*

TOLAYER3: packet being lost

EVENT time: 10516.287109, type: 0, timerinterrupt entity: 0

\*\*\*At 10516.287109 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: nnnnnnnnnnnnnnnnnnn\*\*\*

EVENT time: 10520.025391, type: 2, fromlayer3 entity: 1

\*\*\*At 10520.025391 In B\_input(): Correct packet received. pkt0 : nnnnnnnnnnnnnnnnnnn\*\*\*

TOLAYER3: packet being lost

EVENT time: 10541.287109, type: 0, timerinterrupt entity: 0

\*\*\*At 10541.287109 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: nnnnnnnnnnnnnnnnnnn\*\*\*

EVENT time: 10549.569336, type: 2, fromlayer3 entity: 1

\*\*\*At 10549.569336 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

EVENT time: 10551.176758, type: 2, fromlayer3 entity: 0

\*\*\*At 10551.176758 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 11308.389648, type: 1, fromlayer5 entity: 0

\*\*\*At 11308.389648 In A\_output(): Sending pkt1 : ooooooooooooooooooo\*\*\*

EVENT time: 11309.831055, type: 2, fromlayer3 entity: 1

\*\*\*At 11309.831055 In B\_input(): Correct packet received. pkt1 : ooooooooooooooooooo\*\*\*

EVENT time: 11311.195313, type: 2, fromlayer3 entity: 0

\*\*\*At 11311.195313 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 13092.868164, type: 1, fromlayer5 entity: 0

\*\*\*At 13092.868164 In A\_output(): Sending pkt0 : ppppppppppppppppppp\*\*\*

EVENT time: 13095.727539, type: 2, fromlayer3 entity: 1

\*\*\*At 13095.727539 In B\_input(): Correct packet received. pkt0 : ppppppppppppppppppp\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 13100.771484, type: 2, fromlayer3 entity: 0

\*\*\*At 13100.771484 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 13117.868164, type: 0, timerinterrupt entity: 0

\*\*\*At 13117.868164 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: ppppppppppppppppppp\*\*\*

EVENT time: 13127.457031, type: 2, fromlayer3 entity: 1

\*\*\*At 13127.457031 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 13131.943359, type: 2, fromlayer3 entity: 0

\*\*\*At 13131.943359 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 13142.868164, type: 0, timerinterrupt entity: 0

\*\*\*At 13142.868164 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: ppppppppppppppppppp\*\*\*

EVENT time: 13146.162109, type: 2, fromlayer3 entity: 1

\*\*\*At 13146.162109 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 13167.868164, type: 0, timerinterrupt entity: 0

\*\*\*At 13167.868164 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: ppppppppppppppppppp\*\*\*

TOLAYER3: packet being lost

EVENT time: 13192.868164, type: 0, timerinterrupt entity: 0

\*\*\*At 13192.868164 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: ppppppppppppppppppp\*\*\*

EVENT time: 13199.068359, type: 2, fromlayer3 entity: 1

\*\*\*At 13199.068359 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

EVENT time: 13205.640625, type: 2, fromlayer3 entity: 0

\*\*\*At 13205.640625 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 13897.580078, type: 1, fromlayer5 entity: 0

\*\*\*At 13897.580078 In A\_output(): Sending pkt1 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

EVENT time: 13922.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 13922.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

EVENT time: 13947.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 13947.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 13955.908203, type: 2, fromlayer3 entity: 1

\*\*\*At 13955.908203 In B\_input(): Corrupt packet received, sending NACK\*\*\*

EVENT time: 13962.258789, type: 2, fromlayer3 entity: 0

\*\*\*At 13962.258789 In A\_input(): NACK received for pkt1\*\*\*

EVENT time: 13972.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 13972.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 13981.968750, type: 2, fromlayer3 entity: 1

\*\*\*At 13981.968750 In B\_input(): Correct packet received. pkt1 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 13990.888672, type: 2, fromlayer3 entity: 0

\*\*\*At 13990.888672 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 13997.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 13997.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

EVENT time: 14022.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14022.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 14029.403320, type: 2, fromlayer3 entity: 1

\*\*\*At 14029.403320 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 14047.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14047.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

EVENT time: 14072.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14072.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 14078.439453, type: 2, fromlayer3 entity: 1

\*\*\*At 14078.439453 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 14085.146484, type: 1, fromlayer5 entity: 0

\*\*\*At 14085.146484 In A\_output(): Last packet not acked yet. dropping message : rrrrrrrrrrrrrrrrrrr\*\*\*

EVENT time: 14097.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14097.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 14106.277344, type: 2, fromlayer3 entity: 1

\*\*\*At 14106.277344 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 14122.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14122.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 14124.101563, type: 2, fromlayer3 entity: 1

\*\*\*At 14124.101563 In B\_input(): Corrupt packet received, sending NACK\*\*\*

TOLAYER3: packet being lost

EVENT time: 14147.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14147.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 14154.043945, type: 2, fromlayer3 entity: 1

\*\*\*At 14154.043945 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 14172.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14172.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 14176.500000, type: 2, fromlayer3 entity: 1

\*\*\*At 14176.500000 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

TOLAYER3: packet being lost

EVENT time: 14197.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14197.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

EVENT time: 14222.580078, type: 0, timerinterrupt entity: 0

\*\*\*At 14222.580078 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 14229.750000, type: 2, fromlayer3 entity: 1

\*\*\*At 14229.750000 In B\_input(): Corrupt packet received, sending NACK\*\*\*

EVENT time: 14232.228516, type: 2, fromlayer3 entity: 0

\*\*\*At 14232.228516 In A\_input(): ACK received for pkt1\*\*\*

EVENT time: 14861.964844, type: 1, fromlayer5 entity: 0

\*\*\*At 14861.964844 In A\_output(): Sending pkt0 : sssssssssssssssssss\*\*\*

TOLAYER3: packet being lost

EVENT time: 14886.964844, type: 0, timerinterrupt entity: 0

\*\*\*At 14886.964844 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: sssssssssssssssssss\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 14892.152344, type: 2, fromlayer3 entity: 1

\*\*\*At 14892.152344 In B\_input(): Corrupt packet received, sending NACK\*\*\*

EVENT time: 14899.708008, type: 2, fromlayer3 entity: 0

\*\*\*At 14899.708008 In A\_input(): NACK received for pkt0\*\*\*

EVENT time: 14911.964844, type: 0, timerinterrupt entity: 0

\*\*\*At 14911.964844 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt0: sssssssssssssssssss\*\*\*

EVENT time: 14920.319336, type: 2, fromlayer3 entity: 1

\*\*\*At 14920.319336 In B\_input(): Correct packet received. pkt0 : sssssssssssssssssss\*\*\*

EVENT time: 14924.460938, type: 2, fromlayer3 entity: 0

\*\*\*At 14924.460938 In A\_input(): ACK received for pkt0\*\*\*

EVENT time: 15886.043945, type: 1, fromlayer5 entity: 0

\*\*\*At 15886.043945 In A\_output(): Sending pkt1 : ttttttttttttttttttt\*\*\*

EVENT time: 15890.289063, type: 2, fromlayer3 entity: 1

\*\*\*At 15890.289063 In B\_input(): Correct packet received. pkt1 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being lost

EVENT time: 15911.043945, type: 0, timerinterrupt entity: 0

\*\*\*At 15911.043945 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkt1: ttttttttttttttttttt\*\*\*

EVENT time: 15917.362305, type: 2, fromlayer3 entity: 1

\*\*\*At 15917.362305 In B\_input(): Duplicate packet received, sending ACK again\*\*\*

EVENT time: 15919.950195, type: 2, fromlayer3 entity: 0

\*\*\*At 15919.950195 In A\_input(): ACK received for pkt1\*\*\*

Simulator terminated at time 15919.950195

after sending 20 msgs from layer5

A\_ackReceived = 18

A\_dropped = 2

A\_corruptReceived = 6

A\_timeoutOccurred = 40

A\_nackReceived = 3

B\_correctlyReceived = 18

B\_corruptReceived = 6

B\_duplicateReceived = 17

Process finished with exit code 0