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

.2

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

.2

Enter average time between messages from sender's layer5 [ > 0.0]:10

10

Enter TRACE:2

2

EVENT time: 0.935697, type: 1

EVENT time: 0.935697, type: 1, fromlayer5 entity: 0

\*\*\*At 0.935697 In A\_sendPacket(): Sending pkt0 : aaaaaaaaaaaaaaaaaaa\*\*\*

Warning: unable to cancel your timer. It wasn't running.

EVENT time: 6.428144, type: 2, fromlayer3 entity: 1

\*\*\*At 6.428144 In B\_input(): Correct packet received. pkt0 : aaaaaaaaaaaaaaaaaaa\*\*\*

EVENT time: 8.927274, type: 2, fromlayer3 entity: 0

\*\*\*At 8.927274 In A\_input(): ACK received for pkt0\*\*\*

\*\*\*At 8.927274 In A\_input(): BASE at 1\*\*\*

EVENT time: 16.077150, type: 1, fromlayer5 entity: 0

\*\*\*At 16.077150 In A\_sendPacket(): Sending pkt1 : bbbbbbbbbbbbbbbbbbb\*\*\*

Warning: unable to cancel your timer. It wasn't running.

EVENT time: 17.478437, type: 2, fromlayer3 entity: 1

\*\*\*At 17.478437 In B\_input(): Correct packet received. pkt1 : bbbbbbbbbbbbbbbbbbb\*\*\*

EVENT time: 22.915127, type: 2, fromlayer3 entity: 0

\*\*\*At 22.915127 In A\_input(): ACK received for pkt1\*\*\*

\*\*\*At 22.915127 In A\_input(): BASE at 2\*\*\*

EVENT time: 23.220312, type: 1, fromlayer5 entity: 0

\*\*\*At 23.220312 In A\_sendPacket(): Sending pkt2 : ccccccccccccccccccc\*\*\*

Warning: unable to cancel your timer. It wasn't running.

EVENT time: 26.716482, type: 2, fromlayer3 entity: 1

\*\*\*At 26.716482 In B\_input(): Correct packet received. pkt2 : ccccccccccccccccccc\*\*\*

EVENT time: 29.601519, type: 2, fromlayer3 entity: 0

\*\*\*At 29.601519 In A\_input(): ACK received for pkt2\*\*\*

\*\*\*At 29.601519 In A\_input(): BASE at 3\*\*\*

EVENT time: 33.328041, type: 1, fromlayer5 entity: 0

\*\*\*At 33.328041 In A\_sendPacket(): Sending pkt3 : ddddddddddddddddddd\*\*\*

Warning: unable to cancel your timer. It wasn't running.

EVENT time: 37.904476, type: 2, fromlayer3 entity: 1

\*\*\*At 37.904476 In B\_input(): Correct packet received. pkt3 : ddddddddddddddddddd\*\*\*

EVENT time: 45.933743, type: 2, fromlayer3 entity: 0

\*\*\*At 45.933743 In A\_input(): ACK received for pkt3\*\*\*

\*\*\*At 45.933743 In A\_input(): BASE at 4\*\*\*

EVENT time: 50.578934, type: 1, fromlayer5 entity: 0

\*\*\*At 50.578934 In A\_sendPacket(): Sending pkt4 : eeeeeeeeeeeeeeeeeee\*\*\*

Warning: unable to cancel your timer. It wasn't running.

EVENT time: 56.140320, type: 2, fromlayer3 entity: 1

\*\*\*At 56.140320 In B\_input(): Correct packet received. pkt4 : eeeeeeeeeeeeeeeeeee\*\*\*

TOLAYER3: packet being lost

EVENT time: 57.463299, type: 1, fromlayer5 entity: 0

\*\*\*At 57.463299 In A\_sendPacket(): Sending pkt5 : fffffffffffffffffff\*\*\*

EVENT time: 66.798332, type: 2, fromlayer3 entity: 1

\*\*\*At 66.798332 In B\_input(): Correct packet received. pkt5 : fffffffffffffffffff\*\*\*

TOLAYER3: packet being lost

EVENT time: 68.762474, type: 1, fromlayer5 entity: 0

\*\*\*At 68.762474 In A\_sendPacket(): Sending pkt6 : ggggggggggggggggggg\*\*\*

TOLAYER3: packet being lost

EVENT time: 81.533249, type: 1, fromlayer5 entity: 0

\*\*\*At 81.533249 In A\_sendPacket(): Sending pkt7 : hhhhhhhhhhhhhhhhhhh\*\*\*

EVENT time: 84.911591, type: 2, fromlayer3 entity: 1

\*\*\*At 84.911591 In B\_input(): Duplicate pkt7 received, sending ACK5 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 90.578934, type: 0, timerinterrupt entity: 0

\*\*\*At 90.578934 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkts\*\*\*

\*\*\*At 90.578934 In A\_sendPacket(): Sending pkt4 : eeeeeeeeeeeeeeeeeee\*\*\*

Warning: unable to cancel your timer. It wasn't running.

\*\*\*At 90.578934 In A\_sendPacket(): Sending pkt5 : fffffffffffffffffff\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 90.578934 In A\_sendPacket(): Sending pkt6 : ggggggggggggggggggg\*\*\*

\*\*\*At 90.578934 In A\_sendPacket(): Sending pkt7 : hhhhhhhhhhhhhhhhhhh\*\*\*

EVENT time: 92.498795, type: 2, fromlayer3 entity: 1

\*\*\*At 92.498795 In B\_input(): Duplicate pkt4 received, sending ACK5 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 93.890381, type: 2, fromlayer3 entity: 0

\*\*\*At 93.890381 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 100.750145, type: 1, fromlayer5 entity: 0

\*\*\*At 100.750145 In A\_sendPacket(): Sending pkt0 : iiiiiiiiiiiiiiiiiii\*\*\*

EVENT time: 102.133766, type: 2, fromlayer3 entity: 1

\*\*\*At 102.133766 In B\_input(): Corrupt packet received, sending NACK5\*\*\*

EVENT time: 107.829468, type: 2, fromlayer3 entity: 0

\*\*\*At 107.829468 In A\_input(): ACK received for pkt5\*\*\*

\*\*\*At 107.829468 In A\_input(): BASE at 6\*\*\*

EVENT time: 108.215096, type: 2, fromlayer3 entity: 1

\*\*\*At 108.215096 In B\_input(): Correct packet received. pkt6 : ggggggggggggggggggg\*\*\*

EVENT time: 112.596207, type: 1, fromlayer5 entity: 0

\*\*\*At 112.596207 In A\_sendPacket(): Sending pkt1 : jjjjjjjjjjjjjjjjjjj\*\*\*

TOLAYER3: packet being lost

EVENT time: 112.766808, type: 2, fromlayer3 entity: 1

\*\*\*At 112.766808 In B\_input(): Correct packet received. pkt7 : hhhhhhhhhhhhhhhhhhh\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 114.571579, type: 2, fromlayer3 entity: 1

\*\*\*At 114.571579 In B\_input(): Correct packet received. pkt0 : iiiiiiiiiiiiiiiiiii\*\*\*

TOLAYER3: packet being lost

EVENT time: 116.068848, type: 2, fromlayer3 entity: 0

\*\*\*At 116.068848 In A\_input(): ACK received for pkt6\*\*\*

\*\*\*At 116.068848 In A\_input(): BASE at 7\*\*\*

EVENT time: 121.420326, type: 1, fromlayer5 entity: 0

\*\*\*At 121.420326 In A\_sendPacket(): Sending pkt2 : kkkkkkkkkkkkkkkkkkk\*\*\*

EVENT time: 122.581009, type: 2, fromlayer3 entity: 1

\*\*\*At 122.581009 In B\_input(): Duplicate pkt2 received, sending ACK0 again\*\*\*

EVENT time: 123.674423, type: 1, fromlayer5 entity: 0

\*\*\*At 123.674423 In A\_sendPacket(): Sending pkt3 : lllllllllllllllllll\*\*\*

TOLAYER3: packet being lost

EVENT time: 125.264435, type: 1, fromlayer5 entity: 0

\*\*\*At 125.264435 In A\_sendPacket(): Sending pkt4 : mmmmmmmmmmmmmmmmmmm\*\*\*

TOLAYER3: packet being lost

EVENT time: 125.592575, type: 2, fromlayer3 entity: 0

\*\*\*At 125.592575 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 129.788864, type: 2, fromlayer3 entity: 0

\*\*\*At 129.788864 In A\_input(): ACK received for pkt0\*\*\*

\*\*\*At 129.788864 In A\_input(): BASE at 1\*\*\*

EVENT time: 144.816422, type: 1, fromlayer5 entity: 0

\*\*\*At 144.816422 In A\_sendPacket(): Sending pkt5 : nnnnnnnnnnnnnnnnnnn\*\*\*

TOLAYER3: packet being lost

EVENT time: 152.596207, type: 0, timerinterrupt entity: 0

\*\*\*At 152.596207 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkts\*\*\*

\*\*\*At 152.596207 In A\_sendPacket(): Sending pkt1 : jjjjjjjjjjjjjjjjjjj\*\*\*

Warning: unable to cancel your timer. It wasn't running.

\*\*\*At 152.596207 In A\_sendPacket(): Sending pkt2 : kkkkkkkkkkkkkkkkkkk\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 152.596207 In A\_sendPacket(): Sending pkt3 : lllllllllllllllllll\*\*\*

TOLAYER3: packet being lost

\*\*\*At 152.596207 In A\_sendPacket(): Sending pkt4 : mmmmmmmmmmmmmmmmmmm\*\*\*

\*\*\*At 152.596207 In A\_sendPacket(): Sending pkt5 : nnnnnnnnnnnnnnnnnnn\*\*\*

EVENT time: 156.154663, type: 1, fromlayer5 entity: 0

\*\*\*At 156.154663 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

EVENT time: 158.514114, type: 2, fromlayer3 entity: 1

\*\*\*At 158.514114 In B\_input(): Correct packet received. pkt1 : jjjjjjjjjjjjjjjjjjj\*\*\*

EVENT time: 160.176331, type: 2, fromlayer3 entity: 0

\*\*\*At 160.176331 In A\_input(): ACK received for pkt1\*\*\*

\*\*\*At 160.176331 In A\_input(): BASE at 2\*\*\*

EVENT time: 163.986328, type: 1, fromlayer5 entity: 0

\*\*\*At 163.986328 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

EVENT time: 165.908905, type: 2, fromlayer3 entity: 1

\*\*\*At 165.908905 In B\_input(): Corrupt packet received, sending NACK1\*\*\*

TOLAYER3: packet being lost

EVENT time: 170.591629, type: 2, fromlayer3 entity: 1

\*\*\*At 170.591629 In B\_input(): Duplicate pkt4 received, sending ACK1 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 173.560165, type: 2, fromlayer3 entity: 1

\*\*\*At 173.560165 In B\_input(): Duplicate pkt5 received, sending ACK1 again\*\*\*

EVENT time: 174.517654, type: 1, fromlayer5 entity: 0

\*\*\*At 174.517654 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

EVENT time: 178.997131, type: 2, fromlayer3 entity: 0

\*\*\*At 178.997131 In A\_input(): NACK received:1. Doing fast retransmit\*\*\*

\*\*\*At 178.997131 In A\_sendPacket(): Sending pkt2 : kkkkkkkkkkkkkkkkkkk\*\*\*

\*\*\*At 178.997131 In A\_sendPacket(): Sending pkt3 : lllllllllllllllllll\*\*\*

\*\*\*At 178.997131 In A\_sendPacket(): Sending pkt4 : mmmmmmmmmmmmmmmmmmm\*\*\*

\*\*\*At 178.997131 In A\_sendPacket(): Sending pkt5 : nnnnnnnnnnnnnnnnnnn\*\*\*

\*\*\*At 178.997131 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

TOLAYER3: packet being lost

\*\*\*At 178.997131 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

\*\*\*At 178.997131 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 179.582504, type: 1, fromlayer5 entity: 0

EVENT time: 181.542191, type: 2, fromlayer3 entity: 1

\*\*\*At 181.542191 In B\_input(): Duplicate pkt6 received, sending ACK1 again\*\*\*

EVENT time: 185.913452, type: 2, fromlayer3 entity: 0

\*\*\*At 185.913452 In A\_input(): NACK received:1. Doing fast retransmit\*\*\*

\*\*\*At 185.913452 In A\_sendPacket(): Sending pkt2 : kkkkkkkkkkkkkkkkkkk\*\*\*

\*\*\*At 185.913452 In A\_sendPacket(): Sending pkt3 : lllllllllllllllllll\*\*\*

\*\*\*At 185.913452 In A\_sendPacket(): Sending pkt4 : mmmmmmmmmmmmmmmmmmm\*\*\*

TOLAYER3: packet being lost

\*\*\*At 185.913452 In A\_sendPacket(): Sending pkt5 : nnnnnnnnnnnnnnnnnnn\*\*\*

\*\*\*At 185.913452 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

TOLAYER3: packet being lost

\*\*\*At 185.913452 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 185.913452 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

EVENT time: 187.753525, type: 1, fromlayer5 entity: 0

EVENT time: 188.470871, type: 2, fromlayer3 entity: 1

\*\*\*At 188.470871 In B\_input(): Duplicate pkt7 received, sending ACK1 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 192.425735, type: 2, fromlayer3 entity: 1

\*\*\*At 192.425735 In B\_input(): Correct packet received. pkt2 : kkkkkkkkkkkkkkkkkkk\*\*\*

EVENT time: 193.515060, type: 2, fromlayer3 entity: 0

\*\*\*At 193.515060 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 194.373062, type: 2, fromlayer3 entity: 1

\*\*\*At 194.373062 In B\_input(): Correct packet received. pkt3 : lllllllllllllllllll\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 195.716125, type: 2, fromlayer3 entity: 1

\*\*\*At 195.716125 In B\_input(): Correct packet received. pkt4 : mmmmmmmmmmmmmmmmmmm\*\*\*

EVENT time: 196.765839, type: 2, fromlayer3 entity: 1

\*\*\*At 196.765839 In B\_input(): Correct packet received. pkt5 : nnnnnnnnnnnnnnnnnnn\*\*\*

TOLAYER3: packet being lost

EVENT time: 200.850891, type: 2, fromlayer3 entity: 1

\*\*\*At 200.850891 In B\_input(): Duplicate pkt7 received, sending ACK5 again\*\*\*

EVENT time: 201.862152, type: 2, fromlayer3 entity: 1

\*\*\*At 201.862152 In B\_input(): Duplicate pkt0 received, sending ACK5 again\*\*\*

EVENT time: 203.103607, type: 2, fromlayer3 entity: 0

\*\*\*At 203.103607 In A\_input(): ACK received for pkt2\*\*\*

\*\*\*At 203.103607 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 203.103607 In A\_input(): BASE at 3\*\*\*

EVENT time: 205.404739, type: 2, fromlayer3 entity: 1

\*\*\*At 205.404739 In B\_input(): Duplicate pkt2 received, sending ACK5 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 207.097992, type: 1, fromlayer5 entity: 0

EVENT time: 207.589951, type: 2, fromlayer3 entity: 0

\*\*\*At 207.589951 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 210.883972, type: 2, fromlayer3 entity: 0

\*\*\*At 210.883972 In A\_input(): ACK received for pkt4\*\*\*

\*\*\*At 210.883972 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 210.883972 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

\*\*\*At 210.883972 In A\_input(): BASE at 5\*\*\*

EVENT time: 214.706177, type: 2, fromlayer3 entity: 0

\*\*\*At 214.706177 In A\_input(): ACK received for pkt5\*\*\*

\*\*\*At 214.706177 In A\_input(): BASE at 6\*\*\*

EVENT time: 215.340195, type: 2, fromlayer3 entity: 1

\*\*\*At 215.340195 In B\_input(): Duplicate pkt3 received, sending ACK5 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 221.528015, type: 2, fromlayer3 entity: 0

\*\*\*At 221.528015 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 221.528015 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

TOLAYER3: packet being lost

\*\*\*At 221.528015 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

\*\*\*At 221.528015 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

\*\*\*At 221.528015 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

TOLAYER3: packet being lost

\*\*\*At 221.528015 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 221.528015 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being lost

EVENT time: 224.370346, type: 2, fromlayer3 entity: 1

\*\*\*At 224.370346 In B\_input(): Duplicate pkt5 received, sending ACK5 again\*\*\*

EVENT time: 228.450455, type: 2, fromlayer3 entity: 1

\*\*\*At 228.450455 In B\_input(): Corrupt packet received, sending NACK5\*\*\*

EVENT time: 229.856400, type: 2, fromlayer3 entity: 0

\*\*\*At 229.856400 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 232.987061, type: 2, fromlayer3 entity: 1

\*\*\*At 232.987061 In B\_input(): Duplicate pkt0 received, sending ACK5 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 234.831116, type: 2, fromlayer3 entity: 1

\*\*\*At 234.831116 In B\_input(): Corrupt packet received, sending NACK5\*\*\*

TOLAYER3: packet being lost

EVENT time: 238.776138, type: 2, fromlayer3 entity: 0

\*\*\*At 238.776138 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 241.181351, type: 2, fromlayer3 entity: 1

\*\*\*At 241.181351 In B\_input(): Duplicate pkt2 received, sending ACK5 again\*\*\*

EVENT time: 243.379761, type: 2, fromlayer3 entity: 0

\*\*\*At 243.379761 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 243.379761 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 243.379761 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 243.379761 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 243.379761 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

\*\*\*At 243.379761 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 243.379761 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

EVENT time: 245.752548, type: 2, fromlayer3 entity: 0

\*\*\*At 245.752548 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 245.752548 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

\*\*\*At 245.752548 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

\*\*\*At 245.752548 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

\*\*\*At 245.752548 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

\*\*\*At 245.752548 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 245.752548 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 249.056183, type: 2, fromlayer3 entity: 0

\*\*\*At 249.056183 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 249.056183 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 249.056183 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

\*\*\*At 249.056183 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

\*\*\*At 249.056183 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

\*\*\*At 249.056183 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

TOLAYER3: packet being lost

\*\*\*At 249.056183 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being lost

EVENT time: 250.569946, type: 2, fromlayer3 entity: 1

\*\*\*At 250.569946 In B\_input(): Duplicate pkt3 received, sending ACK5 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 254.343811, type: 2, fromlayer3 entity: 0

\*\*\*At 254.343811 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 257.393158, type: 2, fromlayer3 entity: 1

\*\*\*At 257.393158 In B\_input(): Duplicate pkt7 received, sending ACK5 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 263.252289, type: 2, fromlayer3 entity: 1

\*\*\*At 263.252289 In B\_input(): Duplicate pkt2 received, sending ACK5 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 265.506958, type: 2, fromlayer3 entity: 0

\*\*\*At 265.506958 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 271.478760, type: 2, fromlayer3 entity: 1

\*\*\*At 271.478760 In B\_input(): Corrupt packet received, sending NACK5\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 274.912567, type: 2, fromlayer3 entity: 1

\*\*\*At 274.912567 In B\_input(): Corrupt packet received, sending NACK5\*\*\*

EVENT time: 279.790100, type: 2, fromlayer3 entity: 0

\*\*\*At 279.790100 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 282.082397, type: 2, fromlayer3 entity: 1

\*\*\*At 282.082397 In B\_input(): Corrupt packet received, sending NACK5\*\*\*

TOLAYER3: packet being lost

EVENT time: 282.404327, type: 2, fromlayer3 entity: 0

\*\*\*At 282.404327 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 282.404327 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

\*\*\*At 282.404327 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

\*\*\*At 282.404327 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

\*\*\*At 282.404327 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

\*\*\*At 282.404327 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 282.404327 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

EVENT time: 284.560638, type: 2, fromlayer3 entity: 1

\*\*\*At 284.560638 In B\_input(): Duplicate pkt1 received, sending ACK5 again\*\*\*

EVENT time: 287.151794, type: 2, fromlayer3 entity: 1

\*\*\*At 287.151794 In B\_input(): Duplicate pkt2 received, sending ACK5 again\*\*\*

EVENT time: 288.895905, type: 2, fromlayer3 entity: 0

\*\*\*At 288.895905 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 288.895905 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

\*\*\*At 288.895905 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 288.895905 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

\*\*\*At 288.895905 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

\*\*\*At 288.895905 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 288.895905 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 289.315002, type: 2, fromlayer3 entity: 1

\*\*\*At 289.315002 In B\_input(): Duplicate pkt3 received, sending ACK5 again\*\*\*

EVENT time: 296.147858, type: 2, fromlayer3 entity: 0

\*\*\*At 296.147858 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 296.147858 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

\*\*\*At 296.147858 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

\*\*\*At 296.147858 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

\*\*\*At 296.147858 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

\*\*\*At 296.147858 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 296.147858 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being lost

EVENT time: 296.870483, type: 2, fromlayer3 entity: 1

\*\*\*At 296.870483 In B\_input(): Correct packet received. pkt6 : ooooooooooooooooooo\*\*\*

TOLAYER3: packet being lost

EVENT time: 298.336334, type: 2, fromlayer3 entity: 0

\*\*\*At 298.336334 In A\_input(): NACK received:5. Doing fast retransmit\*\*\*

\*\*\*At 298.336334 In A\_sendPacket(): Sending pkt6 : ooooooooooooooooooo\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 298.336334 In A\_sendPacket(): Sending pkt7 : ppppppppppppppppppp\*\*\*

TOLAYER3: packet being lost

\*\*\*At 298.336334 In A\_sendPacket(): Sending pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being corrupted

\*\*\*At 298.336334 In A\_sendPacket(): Sending pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

\*\*\*At 298.336334 In A\_sendPacket(): Sending pkt2 : sssssssssssssssssss\*\*\*

\*\*\*At 298.336334 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being lost

EVENT time: 305.224670, type: 2, fromlayer3 entity: 1

\*\*\*At 305.224670 In B\_input(): Correct packet received. pkt7 : ppppppppppppppppppp\*\*\*

EVENT time: 309.366577, type: 2, fromlayer3 entity: 1

\*\*\*At 309.366577 In B\_input(): Correct packet received. pkt0 : qqqqqqqqqqqqqqqqqqq\*\*\*

TOLAYER3: packet being lost

EVENT time: 310.796783, type: 2, fromlayer3 entity: 0

\*\*\*At 310.796783 In A\_input(): ACK received for pkt7\*\*\*

\*\*\*At 310.796783 In A\_input(): BASE at 0\*\*\*

EVENT time: 313.611481, type: 2, fromlayer3 entity: 1

\*\*\*At 313.611481 In B\_input(): Correct packet received. pkt1 : rrrrrrrrrrrrrrrrrrr\*\*\*

EVENT time: 317.382599, type: 2, fromlayer3 entity: 0

\*\*\*At 317.382599 In A\_input(): ACK received for pkt1\*\*\*

\*\*\*At 317.382599 In A\_input(): BASE at 2\*\*\*

EVENT time: 321.935730, type: 2, fromlayer3 entity: 1

\*\*\*At 321.935730 In B\_input(): Correct packet received. pkt2 : sssssssssssssssssss\*\*\*

TOLAYER3: packet being lost

EVENT time: 328.261230, type: 2, fromlayer3 entity: 1

\*\*\*At 328.261230 In B\_input(): Corrupt packet received, sending NACK2\*\*\*

EVENT time: 331.144623, type: 2, fromlayer3 entity: 1

\*\*\*At 331.144623 In B\_input(): Corrupt packet received, sending NACK2\*\*\*

TOLAYER3: packet being lost

EVENT time: 334.692719, type: 2, fromlayer3 entity: 1

\*\*\*At 334.692719 In B\_input(): Duplicate pkt7 received, sending ACK2 again\*\*\*

EVENT time: 337.722046, type: 2, fromlayer3 entity: 0

\*\*\*At 337.722046 In A\_input(): ACK received for pkt2\*\*\*

\*\*\*At 337.722046 In A\_input(): BASE at 3\*\*\*

EVENT time: 338.336334, type: 0, timerinterrupt entity: 0

\*\*\*At 338.336334 In A\_timerInterrupt(): Timeout occurred. Retransmitting pkts\*\*\*

\*\*\*At 338.336334 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

Warning: unable to cancel your timer. It wasn't running.

EVENT time: 341.442047, type: 2, fromlayer3 entity: 1

\*\*\*At 341.442047 In B\_input(): Duplicate pkt0 received, sending ACK2 again\*\*\*

EVENT time: 343.365845, type: 2, fromlayer3 entity: 0

\*\*\*At 343.365845 In A\_input(): NACK received:2. Doing fast retransmit\*\*\*

\*\*\*At 343.365845 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 344.935242, type: 2, fromlayer3 entity: 0

\*\*\*At 344.935242 In A\_input(): NACK received:2. Doing fast retransmit\*\*\*

\*\*\*At 344.935242 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

EVENT time: 350.666107, type: 2, fromlayer3 entity: 1

\*\*\*At 350.666107 In B\_input(): Duplicate pkt1 received, sending ACK2 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 356.754028, type: 2, fromlayer3 entity: 1

\*\*\*At 356.754028 In B\_input(): Duplicate pkt6 received, sending ACK2 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 357.844177, type: 2, fromlayer3 entity: 0

\*\*\*At 357.844177 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 366.001160, type: 2, fromlayer3 entity: 1

\*\*\*At 366.001160 In B\_input(): Duplicate pkt7 received, sending ACK2 again\*\*\*

EVENT time: 370.577881, type: 2, fromlayer3 entity: 1

\*\*\*At 370.577881 In B\_input(): Duplicate pkt1 received, sending ACK2 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 375.634766, type: 2, fromlayer3 entity: 0

\*\*\*At 375.634766 In A\_input(): NACK received:2. Doing fast retransmit\*\*\*

\*\*\*At 375.634766 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

EVENT time: 377.137695, type: 2, fromlayer3 entity: 1

\*\*\*At 377.137695 In B\_input(): Duplicate pkt2 received, sending ACK2 again\*\*\*

EVENT time: 382.006927, type: 2, fromlayer3 entity: 1

\*\*\*At 382.006927 In B\_input(): Correct packet received. pkt3 : ttttttttttttttttttt\*\*\*

TOLAYER3: packet being lost

EVENT time: 383.722778, type: 2, fromlayer3 entity: 0

\*\*\*At 383.722778 In A\_input(): NACK received:2. Doing fast retransmit\*\*\*

\*\*\*At 383.722778 In A\_sendPacket(): Sending pkt3 : ttttttttttttttttttt\*\*\*

EVENT time: 387.609253, type: 2, fromlayer3 entity: 1

\*\*\*At 387.609253 In B\_input(): Duplicate pkt6 received, sending ACK3 again\*\*\*

EVENT time: 390.132843, type: 2, fromlayer3 entity: 1

\*\*\*At 390.132843 In B\_input(): Corrupt packet received, sending NACK3\*\*\*

EVENT time: 394.417572, type: 2, fromlayer3 entity: 1

\*\*\*At 394.417572 In B\_input(): Duplicate pkt0 received, sending ACK3 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 396.304047, type: 2, fromlayer3 entity: 0

\*\*\*At 396.304047 In A\_input(): ACK received for pkt3\*\*\*

\*\*\*At 396.304047 In A\_input(): BASE at 4\*\*\*

EVENT time: 398.739655, type: 2, fromlayer3 entity: 1

\*\*\*At 398.739655 In B\_input(): Duplicate pkt1 received, sending ACK3 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 401.496277, type: 2, fromlayer3 entity: 0

\*\*\*At 401.496277 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 404.627899, type: 2, fromlayer3 entity: 1

\*\*\*At 404.627899 In B\_input(): Duplicate pkt2 received, sending ACK3 again\*\*\*

EVENT time: 408.595398, type: 2, fromlayer3 entity: 0

\*\*\*At 408.595398 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 410.775146, type: 2, fromlayer3 entity: 1

\*\*\*At 410.775146 In B\_input(): Corrupt packet received, sending NACK3\*\*\*

TOLAYER3: packet being lost

EVENT time: 417.762878, type: 2, fromlayer3 entity: 1

\*\*\*At 417.762878 In B\_input(): Duplicate pkt6 received, sending ACK3 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 423.176758, type: 2, fromlayer3 entity: 1

\*\*\*At 423.176758 In B\_input(): Duplicate pkt7 received, sending ACK3 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 425.469421, type: 2, fromlayer3 entity: 0

\*\*\*At 425.469421 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 432.814758, type: 2, fromlayer3 entity: 1

\*\*\*At 432.814758 In B\_input(): Duplicate pkt0 received, sending ACK3 again\*\*\*

EVENT time: 435.713531, type: 2, fromlayer3 entity: 0

\*\*\*At 435.713531 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 442.546417, type: 2, fromlayer3 entity: 1

\*\*\*At 442.546417 In B\_input(): Duplicate pkt1 received, sending ACK3 again\*\*\*

EVENT time: 444.949677, type: 2, fromlayer3 entity: 0

\*\*\*At 444.949677 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 446.647125, type: 2, fromlayer3 entity: 1

\*\*\*At 446.647125 In B\_input(): Duplicate pkt2 received, sending ACK3 again\*\*\*

EVENT time: 449.169617, type: 2, fromlayer3 entity: 0

\*\*\*At 449.169617 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 450.001007, type: 2, fromlayer3 entity: 1

\*\*\*At 450.001007 In B\_input(): Corrupt packet received, sending NACK3\*\*\*

EVENT time: 452.684448, type: 2, fromlayer3 entity: 0

\*\*\*At 452.684448 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 453.453766, type: 2, fromlayer3 entity: 1

\*\*\*At 453.453766 In B\_input(): Corrupt packet received, sending NACK3\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 457.050751, type: 2, fromlayer3 entity: 0

\*\*\*At 457.050751 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 457.870331, type: 2, fromlayer3 entity: 1

\*\*\*At 457.870331 In B\_input(): Duplicate pkt1 received, sending ACK3 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 459.645721, type: 2, fromlayer3 entity: 0

\*\*\*At 459.645721 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 461.154724, type: 2, fromlayer3 entity: 1

\*\*\*At 461.154724 In B\_input(): Duplicate pkt2 received, sending ACK3 again\*\*\*

EVENT time: 467.216278, type: 2, fromlayer3 entity: 1

\*\*\*At 467.216278 In B\_input(): Duplicate pkt3 received, sending ACK3 again\*\*\*

TOLAYER3: packet being corrupted

EVENT time: 468.474243, type: 2, fromlayer3 entity: 0

\*\*\*At 468.474243 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 475.059326, type: 2, fromlayer3 entity: 0

\*\*\*At 475.059326 In A\_input(): Corrupt packet received\*\*\*

EVENT time: 475.408142, type: 2, fromlayer3 entity: 1

\*\*\*At 475.408142 In B\_input(): Corrupt packet received, sending NACK3\*\*\*

EVENT time: 479.503632, type: 2, fromlayer3 entity: 1

\*\*\*At 479.503632 In B\_input(): Duplicate pkt3 received, sending ACK3 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 482.618347, type: 2, fromlayer3 entity: 0

\*\*\*At 482.618347 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

EVENT time: 484.502777, type: 2, fromlayer3 entity: 1

\*\*\*At 484.502777 In B\_input(): Duplicate pkt3 received, sending ACK3 again\*\*\*

EVENT time: 486.017792, type: 2, fromlayer3 entity: 1

\*\*\*At 486.017792 In B\_input(): Duplicate pkt3 received, sending ACK3 again\*\*\*

TOLAYER3: packet being lost

EVENT time: 488.656219, type: 2, fromlayer3 entity: 0

\*\*\*At 488.656219 In A\_input(): NACK received:3. Doing fast retransmit\*\*\*

Simulator terminated at time 488.656219

after sending 20 msgs from layer5

A\_ackReceived = 15

A\_dropped = 0

A\_corruptReceived = 14

A\_timeoutOccurred = 3

A\_nackReceived = 23

B\_correctlyReceived = 20

B\_corruptReceived = 14

B\_duplicateReceived = 42

Process finished with exit code 0