Enter the number of messages to simulate: 5

Enter packet loss probability [enter 0.0 for no loss]:0.2

Enter packet corruption probability [0.0 for no corruption]:0.3

Enter average time between messages from sender's layer3 [ > 0.0]:500

Piggybacking:0

Enter TRACE:2

EVENT time: 46.784874, type: 1, fromlayer3 entity: 1

B\_output:

Sending: ftype: 0, seq: 0, ack: -1, csum: 290, data: aaa

TOlayer1: packet being corrupted

EVENT time: 50.875423, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Packet Corrupted.

Sending ack(prev):ftype: 1, seq: 0, ack: 0, csum: 0, data:

TOlayer1: packet being corrupted

EVENT time: 56.964447, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Received Ack(corrupted): ftype: 1, seq: 0, ack: 0, csum: 0, data: Z

EVENT time: 76.784874, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 290, data: aaa

EVENT time: 82.221565, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received successfully at A: ftype: 0, seq: 0, ack: -1, csum: 290, data: aaa

Sending Ack: ftype: 1, seq: 0, ack: 0, csum: 207, data: ACK

TOlayer1: packet being corrupted

EVENT time: 90.461227, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Received Ack(corrupted): ftype: 1, seq: 0, ack: 0, csum: 207, data: ZCK

EVENT time: 106.784874, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 290, data: aaa

EVENT time: 109.669914, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received Duplicate Packet. Dropped.

Sending ack(prev):ftype: 1, seq: 0, ack: 0, csum: 207, data:ACK

EVENT time: 116.556297, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Acknowledgment received Successfully.

Received Ack: ftype: 1, seq: 0, ack: 0, csum: 207, data: ACK

Whole process finished for the current message of B-->A.

EVENT time: 668.660522, type: 1, fromlayer3 entity: 0

A\_output:

Sending: ftype: 0, seq: 0, ack: -1, csum: 293, data: bbb

EVENT time: 672.536804, type: 2, fromlayer1 entity: 1

B\_input: (Data received from A)

Received successfully at B: seq: ftype: 0, 0, ack: -1, csum: 293, data: bbb

Sending Ack: ftype: 1, seq: 0, ack: 0, csum: 207, data: ACK

EVENT time: 678.098206, type: 2, fromlayer1 entity: 0

A\_input: (Ack received from B)

Acknowledgment received Successfully.

Received Ack: ftype: 1, seq: 0, ack: 0, csum: 207, data: ACK

Whole process finished for the current message of A-->B.

EVENT time: 944.914063, type: 1, fromlayer3 entity: 0

A\_output:

Sending: ftype: 0, seq: 1, ack: -1, csum: 297, data: ccc

EVENT time: 951.292419, type: 1, fromlayer3 entity: 1

B\_output:

Sending: ftype: 0, seq: 1, ack: -1, csum: 300, data: ddd

TOlayer1: packet being lost

EVENT time: 954.249084, type: 2, fromlayer1 entity: 1

B\_input: (Data received from A)

Received successfully at B: seq: ftype: 0, 1, ack: -1, csum: 297, data: ccc

Sending Ack: ftype: 1, seq: 1, ack: 1, csum: 209, data: ACK

TOlayer1: packet being corrupted

EVENT time: 958.828003, type: 2, fromlayer1 entity: 0

A\_input: (Ack received from B)

Received Ack(corrupted): ftype: 1, seq: 1, ack: 1, csum: 209, data: ZCK

EVENT time: 974.914063, type: 0, timerinterrupt entity: 0

A's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 1, ack: -1, csum: 297, data: ccc

TOlayer1: packet being corrupted

EVENT time: 981.292419, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 1, ack: -1, csum: 300, data: ddd

EVENT time: 983.212280, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received successfully at A: ftype: 0, seq: 1, ack: -1, csum: 300, data: ddd

Sending Ack: ftype: 1, seq: 1, ack: 1, csum: 209, data: ACK

TOlayer1: packet being corrupted

EVENT time: 983.892822, type: 2, fromlayer1 entity: 1

B\_input: (Data received from A)

Received Duplicate Packet. Dropped.

Sending ack(prev): ftype: 1, seq: 1, ack: 1, csum: 209, data:ACK

EVENT time: 989.974182, type: 2, fromlayer1 entity: 0

A\_input: (Ack received from B)

Acknowledgment received Successfully.

Received Ack: ftype: 1, seq: 1, ack: 1, csum: 209, data: ACK

Whole process finished for the current message of A-->B.

EVENT time: 993.527771, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Received Ack(corrupted): ftype: 1, seq: 999999, ack: 1, csum: 209, data: ACK

EVENT time: 1011.292419, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 1, ack: -1, csum: 300, data: ddd

EVENT time: 1015.844116, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received Duplicate Packet. Dropped.

Sending ack(prev):ftype: 1, seq: 1, ack: 1, csum: 209, data:ACK

TOlayer1: packet being lost

EVENT time: 1041.292480, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 1, ack: -1, csum: 300, data: ddd

TOlayer1: packet being corrupted

EVENT time: 1049.004272, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received Duplicate Packet. Dropped.

Sending ack(prev):ftype: 1, seq: 1, ack: 1, csum: 209, data:ACK

EVENT time: 1054.699951, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Acknowledgment received Successfully.

Received Ack: ftype: 1, seq: 1, ack: 1, csum: 209, data: ACK

Whole process finished for the current message of B-->A.

EVENT time: 1084.383667, type: 1, fromlayer3 entity: 1

B\_output:

Sending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

TOlayer1: packet being corrupted

EVENT time: 1092.237427, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Packet Corrupted.

Sending ack(prev):ftype: 1, seq: 1, ack: 1, csum: 209, data:ACK

TOlayer1: packet being lost

EVENT time: 1114.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

TOlayer1: packet being corrupted

EVENT time: 1123.907349, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Packet Corrupted.

Sending ack(prev):ftype: 1, seq: 1, ack: 1, csum: 209, data:ACK

TOlayer1: packet being lost

EVENT time: 1144.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

TOlayer1: packet being lost

EVENT time: 1174.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

EVENT time: 1175.544312, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received successfully at A: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

Sending Ack: ftype: 1, seq: 0, ack: 0, csum: 207, data: ACK

TOlayer1: packet being corrupted

EVENT time: 1179.740601, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Received Ack(corrupted): ftype: 1, seq: 0, ack: 0, csum: 207, data: ZCK

EVENT time: 1204.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

TOlayer1: packet being lost

EVENT time: 1234.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

EVENT time: 1235.927246, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received Duplicate Packet. Dropped.

Sending ack(prev):ftype: 1, seq: 0, ack: 0, csum: 207, data:ACK

TOlayer1: packet being lost

EVENT time: 1264.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

EVENT time: 1270.301514, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received Duplicate Packet. Dropped.

Sending ack(prev):ftype: 1, seq: 0, ack: 0, csum: 207, data:ACK

TOlayer1: packet being corrupted

EVENT time: 1277.696289, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Received Ack(corrupted): ftype: 1, seq: 0, ack: 0, csum: 207, data: ZCK

EVENT time: 1294.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

TOlayer1: packet being lost

EVENT time: 1324.383667, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 302, data: eee

EVENT time: 1329.066406, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received Duplicate Packet. Dropped.

Sending ack(prev):ftype: 1, seq: 0, ack: 0, csum: 207, data:ACK

EVENT time: 1332.034912, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

Acknowledgment received Successfully.

Received Ack: ftype: 1, seq: 0, ack: 0, csum: 207, data: ACK

Whole process finished for the current message of B-->A.

Simulator terminated at time 1332.034912

after sending 5 msgs from layer3