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]:50

Piggybacking:1

Enter TRACE:2

EVENT time: 4.678487, type: 1, fromlayer3 entity: 1

B\_output:

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

TOlayer1: packet being corrupted

EVENT time: 8.769035, 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: 14.858058, 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: 19.678488, 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: 25.115177, 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

Waiting for another message from A to B.

EVENT time: 34.678490, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

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

TOlayer1: packet being corrupted

EVENT time: 42.918152, 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: 45.803188, 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: 66.866051, type: 1, fromlayer3 entity: 0

A\_output:

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

EVENT time: 70.352333, 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

Waiting for another message from B to A.

EVENT time: 81.866051, type: 0, timerinterrupt entity: 0

A's Timer Interrupt is called. Resending message:

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

EVENT time: 85.742355, type: 2, fromlayer1 entity: 1

B\_input: (Data received from A)

Received Duplicate Packet. Dropped.

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

EVENT time: 91.303741, 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: 153.120514, type: 1, fromlayer3 entity: 1

B\_output:

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

EVENT time: 153.758347, type: 1, fromlayer3 entity: 1

B\_output:

Ongoing data transmission of B.

Packet Dropped.

EVENT time: 162.455551, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

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

Waiting for another message from A to B.

EVENT time: 167.067474, type: 1, fromlayer3 entity: 1

B\_output:

Ongoing data transmission of B.

Packet Dropped.

EVENT time: 168.120514, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

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

TOlayer1: packet being lost

EVENT time: 183.120514, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

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

TOlayer1: packet being corrupted

EVENT time: 187.699417, 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 corrupted

EVENT time: 196.678207, type: 2, fromlayer1 entity: 1

B\_input: (Ack received from A)

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

EVENT time: 198.120514, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

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

EVENT time: 200.040375, 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 corrupted

EVENT time: 209.675339, 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: 213.120514, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

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

EVENT time: 219.201843, 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: 223.753555, 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.

Simulator terminated at time 223.753555

after sending 5 msgs from layer3