Enter the number of messages to simulate: 10

Enter packet loss probability [enter 0.0 for no loss]:0

Enter packet corruption probability [0.0 for no corruption]:0

Enter average time between messages from sender's layer3 [ > 0.0]:100

Piggybacking:1

Enter TRACE:2

EVENT time: 9.356975, type: 1, fromlayer3 entity: 1

B\_output:

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

EVENT time: 13.447523, 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: 39.356976, 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: 43.571400, 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: 48.964142, 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: 133.732101, type: 1, fromlayer3 entity: 0

A\_output:

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

EVENT time: 141.971756, 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: 163.732101, 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: 170.467682, 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: 179.230591, 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: 232.325195, type: 1, fromlayer3 entity: 1

B\_output:

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

EVENT time: 240.354462, 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: 262.325195, 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: 267.695679, 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: 268.753082, 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: 311.801483, type: 1, fromlayer3 entity: 0

A\_output:

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

EVENT time: 313.999298, type: 2, fromlayer1 entity: 1

B\_input: (Data received from A)

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

Waiting for another message from B to A.

EVENT time: 341.801483, type: 0, timerinterrupt entity: 0

A's Timer Interrupt is called. Resending message:

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

EVENT time: 351.449097, 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: 354.627472, 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: 421.747467, type: 1, fromlayer3 entity: 1

B\_output:

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

EVENT time: 429.901978, 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

Waiting for another message from A to B.

EVENT time: 451.747467, 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: 457.024841, 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: 465.163971, 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: 599.053894, type: 1, fromlayer3 entity: 0

A\_output:

Sending: ftype: 0, seq: 0, ack: -1, csum: 305, data: fff

EVENT time: 603.605591, type: 2, fromlayer1 entity: 1

B\_input: (Data received from A)

Received successfully at B: seq: ftype: 0, 0, ack: -1, csum: 305, data: fff

Waiting for another message from B to A.

EVENT time: 629.053894, type: 0, timerinterrupt entity: 0

A's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 305, data: fff

EVENT time: 635.384644, 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: 639.699036, 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: 711.972351, type: 1, fromlayer3 entity: 1

B\_output:

Sending: ftype: 0, seq: 1, ack: -1, csum: 309, data: ggg

EVENT time: 719.826111, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received successfully at A: ftype: 0, seq: 1, ack: -1, csum: 309, data: ggg

Waiting for another message from A to B.

EVENT time: 741.972351, type: 0, timerinterrupt entity: 1

B's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 1, ack: -1, csum: 309, data: ggg

EVENT time: 744.498657, 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: 746.534973, 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: 816.321228, type: 1, fromlayer3 entity: 1

B\_output:

Sending: ftype: 0, seq: 0, ack: -1, csum: 311, data: hhh

EVENT time: 817.481934, type: 2, fromlayer1 entity: 0

A\_input: (Data received from B)

Received successfully at A: ftype: 0, seq: 0, ack: -1, csum: 311, data: hhh

Waiting for another message from A to B.

EVENT time: 840.211121, type: 1, fromlayer3 entity: 0

A\_output:

Sending: ftype: 2, seq: 1, ack: 0, csum: 316, data: iii

EVENT time: 841.926636, type: 2, fromlayer1 entity: 1

B\_input: (Data + Ack received from A)

Acknowledgment received Successfully.

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

Received successfully at B: ftype: 2, seq: 1, ack: 0, csum: 316, data: iii

Waiting for another message from B to A.

EVENT time: 870.211121, type: 0, timerinterrupt entity: 0

A's Timer Interrupt is called. Resending message:

Resending: ftype: 2, seq: 1, ack: 0, csum: 316, data: iii

EVENT time: 871.754700, type: 2, fromlayer1 entity: 1

B\_input: (Data + Ack received from A)

Received Duplicate Packet. Dropped.

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

EVENT time: 875.543945, 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: 994.494385, type: 1, fromlayer3 entity: 0

A\_output:

Sending: ftype: 0, seq: 0, ack: -1, csum: 317, data: jjj

EVENT time: 999.694580, type: 2, fromlayer1 entity: 1

B\_input: (Data received from A)

Received successfully at B: seq: ftype: 0, 0, ack: -1, csum: 317, data: jjj

Waiting for another message from B to A.

EVENT time: 1024.494385, type: 0, timerinterrupt entity: 0

A's Timer Interrupt is called. Resending message:

Resending: ftype: 0, seq: 0, ack: -1, csum: 317, data: jjj

EVENT time: 1029.957153, 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: 1034.639893, 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.

Simulator terminated at time 1034.639893

after sending 10 msgs from layer3