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

Enter the number of messages to simulate: 10

Enter packet loss probability [enter 0.0 for no loss]:0.1

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

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

Enter TRACE:2

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

TOLAYER3: packet being corrupted

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

EVENT time: 3341.256836, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

Unexpected ACK

Resending packet

EVENT time: 3352.804199, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 3358.365479, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

TOLAYER3: packet being lost

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 3372.804199, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 3378.751709, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Duplicate packet detected,acknum was not increased

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 3380.949463, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

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

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

TOLAYER3: packet being corrupted

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

EVENT time: 5058.931152, type: 1, fromlayer5 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Dropping this message,last message has not been acked

EVENT time: 5062.472656, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

EVENT time: 5064.000000, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

Unexpected ACK

Resending packet

EVENT time: 5077.893555, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 5079.813477, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

TOLAYER3: packet being corrupted

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 5089.448242, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is corrupted

EVENT time: 5097.893555, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 5103.975098, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Duplicate packet detected,acknum was not increased

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 5108.526855, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

EVENT time: 6557.268066, type: 1, fromlayer5 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

TOLAYER3: packet being corrupted

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

EVENT time: 6564.979980, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

EVENT time: 6570.675781, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

Unexpected ACK

Resending packet

EVENT time: 6577.268066, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

TOLAYER3: packet being corrupted

EVENT time: 6585.121582, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

EVENT time: 6592.982422, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

Unexpected ACK

Resending packet

EVENT time: 6597.268066, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

TOLAYER3: packet being corrupted

EVENT time: 6599.269043, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

EVENT time: 6600.429688, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

Unexpected ACK

Resending packet

EVENT time: 6617.268066, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

TOLAYER3: packet being corrupted

EVENT time: 6621.464355, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

TOLAYER3: packet being lost

EVENT time: 6637.268066, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 6638.811523, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 6642.600586, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

EVENT time: 6854.091309, type: 1, fromlayer5 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

TOLAYER3: packet being corrupted

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

EVENT time: 6861.486328, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

TOLAYER3: packet being lost

EVENT time: 6874.091309, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 6878.773926, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 6881.742676, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

EVENT time: 8567.888672, type: 1, fromlayer5 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

TOLAYER3: packet being corrupted

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

EVENT time: 8575.871094, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

TOLAYER3: packet being lost

EVENT time: 8587.888672, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 8593.627930, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

TOLAYER3: packet being corrupted

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 8599.997070, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is corrupted

EVENT time: 8607.888672, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 8613.325195, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Duplicate packet detected,acknum was not increased

TOLAYER3: packet being corrupted

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 8614.351563, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is corrupted

EVENT time: 8627.888672, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

TOLAYER3: packet being corrupted

EVENT time: 8636.395508, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Packet is corrupted

Resending ACK(NACK)

EVENT time: 8637.738281, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

EVENT time: 9351.054688, type: 1, fromlayer5 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_output()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a message from layer5

Sending packet to layer3

\*\*\*\*\*\*\*\*\*Exiting A\_output()\*\*\*\*\*\*\*\*\*

EVENT time: 9352.104492, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Sent packet to layer5

TOLAYER3: packet being lost

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 9371.054688, type: 0, timerinterrupt entity: 0

A: Timer interrupt occured

A: Timeout! Sending the package again

EVENT time: 9375.139648, type: 2, fromlayer3 entity: 1

\*\*\*\*\*\*\*\*\*\*\*\*\*In B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Received a packet from layer3

Duplicate packet detected,acknum was not increased

Sending ACK packet to layer3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Exiting B\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*n

EVENT time: 9376.151367, type: 2, fromlayer3 entity: 0

\*\*\*\*\*\*\*\*\*\*\*\*\*In A\_input()\*\*\*\*\*\*\*\*\*\*\*\*\*

Received ACK packet from layer3

ACK packet is correct and processed successfully

\*\*\*\*\*\*\*\*\*Exiting A\_input()\*\*\*\*\*\*\*\*\*

Simulator terminated at time 9376.151367

after sending 10 msgs from layer5