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

Enter the number of messages to simulate: 20

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

Enter packet corruption probability [0.0 for no corruption]:0.2

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

Enter TRACE:2

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[0,0]

Send packet to layer3. Window[0,1] Packet[seq=0,ack=111,checksum=1954]

================================ Outside A\_output===================================

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

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 0 Packet[seq=0,ack=111,check=1954]

Send packet to layer5. Expected 1 Packet[seq=0,ack=111,check=1954]

Send ACK packet to layer3. Expected 1 Packet[seq=0,ack=0,check=1843]

================================ Outside B\_input(packet) =========================

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

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[0,1] Packet[seq=0,ack=0,checksum=1843]

ACK packet process successfully accomplished!!. Window[1,1] Packet[seq=0,ack=0,checksum=1843]

================================ Outside A\_input===================================

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[1,1]

Send packet to layer3. Window[1,2] Packet[seq=1,ack=111,checksum=1974]

================================ Outside A\_output===================================

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

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 1 Packet[seq=1,ack=111,check=1974]

Send packet to layer5. Expected 2 Packet[seq=1,ack=111,check=1974]

Send ACK packet to layer3. Expected 2 Packet[seq=1,ack=1,check=1864]

================================ Outside B\_input(packet) =========================

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

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[1,2] Packet[seq=1,ack=1,checksum=1864]

ACK packet process successfully accomplished!!. Window[2,2] Packet[seq=1,ack=1,checksum=1864]

================================ Outside A\_input===================================

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[2,2]

Send packet to layer3. Window[2,3] Packet[seq=2,ack=111,checksum=1994]

================================ Outside A\_output===================================

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

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 2 Packet[seq=2,ack=111,check=1994]

Send packet to layer5. Expected 3 Packet[seq=2,ack=111,check=1994]

Send ACK packet to layer3. Expected 3 Packet[seq=2,ack=2,check=1885]

================================ Outside B\_input(packet) =========================

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

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[2,3] Packet[seq=2,ack=2,checksum=1885]

ACK packet process successfully accomplished!!. Window[3,3] Packet[seq=2,ack=2,checksum=1885]

================================ Outside A\_input===================================

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[3,3]

Send packet to layer3. Window[3,4] Packet[seq=3,ack=111,checksum=2014]

================================ Outside A\_output===================================

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

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 3 Packet[seq=3,ack=111,check=2014]

Send packet to layer5. Expected 4 Packet[seq=3,ack=111,check=2014]

Send ACK packet to layer3. Expected 4 Packet[seq=3,ack=3,check=1906]

================================ Outside B\_input(packet) =========================

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

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[3,4] Packet[seq=3,ack=3,checksum=1906]

ACK packet process successfully accomplished!!. Window[4,4] Packet[seq=3,ack=3,checksum=1906]

================================ Outside A\_input===================================

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[4,4]

Send packet to layer3. Window[4,5] Packet[seq=4,ack=111,checksum=2034]

================================ Outside A\_output===================================

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

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 4 Packet[seq=4,ack=111,check=2034]

Send packet to layer5. Expected 5 Packet[seq=4,ack=111,check=2034]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 5 Packet[seq=4,ack=4,check=1927]

================================ Outside B\_input(packet) =========================

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[4,5]

Send packet to layer3. Window[4,6] Packet[seq=5,ack=111,checksum=2054]

================================ Outside A\_output===================================

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

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 5 Packet[seq=5,ack=111,check=2054]

Send packet to layer5. Expected 6 Packet[seq=5,ack=111,check=2054]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 6 Packet[seq=5,ack=5,check=1948]

================================ Outside B\_input(packet) =========================

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[4,6]

TOLAYER3: packet being lost

Send packet to layer3. Window[4,7] Packet[seq=6,ack=111,checksum=2074]

================================ Outside A\_output===================================

EVENT time: 70.578934, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[4,7]

Timeout! Send out the package again. Window[4,7] Packet[seq=4,ack=111,checksum=2034]

Timeout! Send out the package again. Window[4,7] Packet[seq=5,ack=111,checksum=2054]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[4,7] Packet[seq=6,ack=111,checksum=2074]

EVENT time: 75.157837, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=4,ack=111,check=2034]

Duplicated packet detected. Expected 6 Packet[seq=4,ack=111,check=2034]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 6 Packet[seq=4,ack=5,check=1928]

================================ Outside B\_input(packet) =========================

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

================================ Inside A\_output===================================

Receive an message from layer5. Window[4,7]

Send packet to layer3. Window[4,8] Packet[seq=7,ack=111,checksum=2094]

================================ Outside A\_output===================================

EVENT time: 82.900352, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=5,ack=111,check=2054]

Duplicated packet detected. Expected 6 Packet[seq=5,ack=111,check=2054]

Send ACK packet to layer3. Expected 6 Packet[seq=5,ack=5,check=1948]

================================ Outside B\_input(packet) =========================

EVENT time: 83.312355, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[4,8] Packet[seq=4,ack=999999,checksum=1928]

ACK packet is corrupted. Window[4,8] Packet[seq=4,ack=999999,checksum=1928]

EVENT time: 84.170624, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=7,ack=111,check=2094]

Disordered packet received. Expected 6 Packet[seq=7,ack=111,check=2094]

Send ACK packet to layer3. Expected 6 Packet[seq=7,ack=5,check=1988]

================================ Outside B\_input(packet) =========================

EVENT time: 89.393684, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[4,8] Packet[seq=5,ack=5,checksum=1948]

ACK packet process successfully accomplished!!. Window[6,8] Packet[seq=5,ack=5,checksum=1948]

================================ Outside A\_input===================================

EVENT time: 91.038544, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,8]

TOLAYER3: packet being corrupted

Send packet to layer3. Window[6,9] Packet[seq=8,ack=111,checksum=2114]

================================ Outside A\_output===================================

EVENT time: 93.945396, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[6,9] Packet[seq=7,ack=5,checksum=1988]

Receive duplicate ACK. Window[6,9] Packet[seq=7,ack=5,checksum=1988]

EVENT time: 94.006775, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,9]

Send packet to layer3. Window[6,10] Packet[seq=9,ack=111,checksum=2134]

================================ Outside A\_output===================================

EVENT time: 98.750298, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=8,ack=111,check=2114]

Packet is corrupted. Expected 6 Packet[seq=8,ack=111,check=2114]

EVENT time: 107.852959, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=9,ack=111,check=2134]

Disordered packet received. Expected 6 Packet[seq=9,ack=111,check=2134]

Send ACK packet to layer3. Expected 6 Packet[seq=9,ack=5,check=2028]

================================ Outside B\_input(packet) =========================

EVENT time: 109.393684, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[6,10]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,10] Packet[seq=6,ack=111,checksum=2074]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[6,10] Packet[seq=7,ack=111,checksum=2094]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,10] Packet[seq=8,ack=111,checksum=2114]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,10] Packet[seq=9,ack=111,checksum=2134]

EVENT time: 110.719040, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[6,10] Packet[seq=9,ack=5,checksum=2028]

Receive duplicate ACK. Window[6,10] Packet[seq=9,ack=5,checksum=2028]

EVENT time: 112.718895, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,10]

TOLAYER3: packet being lost

Send packet to layer3. Window[6,11] Packet[seq=10,ack=111,checksum=2154]

================================ Outside A\_output===================================

EVENT time: 118.917412, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=7,ack=111,check=2094]

Packet is corrupted. Expected 6 Packet[seq=7,ack=111,check=2094]

EVENT time: 123.859375, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,11]

Send packet to layer3. Window[6,12] Packet[seq=11,ack=111,checksum=2174]

================================ Outside A\_output===================================

EVENT time: 128.055664, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=11,ack=111,check=2174]

Disordered packet received. Expected 6 Packet[seq=11,ack=111,check=2174]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 6 Packet[seq=11,ack=5,check=2068]

================================ Outside B\_input(packet) =========================

EVENT time: 129.393677, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[6,12]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,12] Packet[seq=6,ack=111,checksum=2074]

Timeout! Send out the package again. Window[6,12] Packet[seq=7,ack=111,checksum=2094]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,12] Packet[seq=8,ack=111,checksum=2114]

Timeout! Send out the package again. Window[6,12] Packet[seq=9,ack=111,checksum=2134]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[6,12] Packet[seq=10,ack=111,checksum=2154]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,12] Packet[seq=11,ack=111,checksum=2174]

EVENT time: 130.937241, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=7,ack=111,check=2094]

Disordered packet received. Expected 6 Packet[seq=7,ack=111,check=2094]

Send ACK packet to layer3. Expected 6 Packet[seq=7,ack=5,check=1988]

================================ Outside B\_input(packet) =========================

EVENT time: 134.985199, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,12]

Send packet to layer3. Window[6,13] Packet[seq=12,ack=111,checksum=2194]

================================ Outside A\_output===================================

EVENT time: 135.619965, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[6,13] Packet[seq=7,ack=5,checksum=1988]

Receive duplicate ACK. Window[6,13] Packet[seq=7,ack=5,checksum=1988]

EVENT time: 136.855148, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=9,ack=111,check=2134]

Disordered packet received. Expected 6 Packet[seq=9,ack=111,check=2134]

Send ACK packet to layer3. Expected 6 Packet[seq=9,ack=5,check=2028]

================================ Outside B\_input(packet) =========================

EVENT time: 141.456955, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,13]

TOLAYER3: packet being lost

Send packet to layer3. Window[6,14] Packet[seq=13,ack=111,checksum=2214]

================================ Outside A\_output===================================

EVENT time: 144.249939, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=10,ack=111,check=2154]

Packet is corrupted. Expected 6 Packet[seq=10,ack=111,check=2154]

EVENT time: 144.837173, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[6,14] Packet[seq=9,ack=5,checksum=2028]

Receive duplicate ACK. Window[6,14] Packet[seq=9,ack=5,checksum=2028]

EVENT time: 149.393677, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[6,14]

Timeout! Send out the package again. Window[6,14] Packet[seq=6,ack=111,checksum=2074]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[6,14] Packet[seq=7,ack=111,checksum=2094]

Timeout! Send out the package again. Window[6,14] Packet[seq=8,ack=111,checksum=2114]

Timeout! Send out the package again. Window[6,14] Packet[seq=9,ack=111,checksum=2134]

Timeout! Send out the package again. Window[6,14] Packet[seq=10,ack=111,checksum=2154]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,14] Packet[seq=11,ack=111,checksum=2174]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[6,14] Packet[seq=12,ack=111,checksum=2194]

Timeout! Send out the package again. Window[6,14] Packet[seq=13,ack=111,checksum=2214]

EVENT time: 154.015930, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=12,ack=111,check=2194]

Disordered packet received. Expected 6 Packet[seq=12,ack=111,check=2194]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 6 Packet[seq=12,ack=5,check=2088]

================================ Outside B\_input(packet) =========================

EVENT time: 158.482620, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,14]

Send packet to layer3. Window[6,15] Packet[seq=14,ack=111,checksum=2234]

================================ Outside A\_output===================================

EVENT time: 159.755020, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 6 Packet[seq=6,ack=111,check=2074]

Send packet to layer5. Expected 7 Packet[seq=6,ack=111,check=2074]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 7 Packet[seq=6,ack=6,check=1969]

================================ Outside B\_input(packet) =========================

EVENT time: 166.123932, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=7,ack=111,check=2094]

Packet is corrupted. Expected 7 Packet[seq=7,ack=111,check=2094]

EVENT time: 169.393677, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[6,15]

Timeout! Send out the package again. Window[6,15] Packet[seq=6,ack=111,checksum=2074]

Timeout! Send out the package again. Window[6,15] Packet[seq=7,ack=111,checksum=2094]

Timeout! Send out the package again. Window[6,15] Packet[seq=8,ack=111,checksum=2114]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[6,15] Packet[seq=9,ack=111,checksum=2134]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[6,15] Packet[seq=10,ack=111,checksum=2154]

Timeout! Send out the package again. Window[6,15] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[6,15] Packet[seq=12,ack=111,checksum=2194]

Timeout! Send out the package again. Window[6,15] Packet[seq=13,ack=111,checksum=2214]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[6,15] Packet[seq=14,ack=111,checksum=2234]

EVENT time: 171.560898, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=8,ack=111,check=2114]

Disordered packet received. Expected 7 Packet[seq=8,ack=111,check=2114]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 7 Packet[seq=8,ack=6,check=2009]

================================ Outside B\_input(packet) =========================

EVENT time: 172.587540, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=9,ack=111,check=2134]

Disordered packet received. Expected 7 Packet[seq=9,ack=111,check=2134]

Send ACK packet to layer3. Expected 7 Packet[seq=9,ack=6,check=2029]

================================ Outside B\_input(packet) =========================

EVENT time: 175.093231, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[6,15]

Send packet to layer3. Window[6,16] Packet[seq=15,ack=111,checksum=2254]

================================ Outside A\_output===================================

EVENT time: 179.028687, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=10,ack=111,check=2154]

Disordered packet received. Expected 7 Packet[seq=10,ack=111,check=2154]

Send ACK packet to layer3. Expected 7 Packet[seq=10,ack=6,check=2049]

================================ Outside B\_input(packet) =========================

EVENT time: 182.176086, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[6,16] Packet[seq=9,ack=6,checksum=2029]

ACK packet process successfully accomplished!!. Window[7,16] Packet[seq=9,ack=6,checksum=2029]

================================ Outside A\_input===================================

EVENT time: 185.470108, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[7,16] Packet[seq=10,ack=6,checksum=2049]

Receive duplicate ACK. Window[7,16] Packet[seq=10,ack=6,checksum=2049]

EVENT time: 187.686935, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=12,ack=111,check=2194]

Packet is corrupted. Expected 7 Packet[seq=12,ack=111,check=2194]

EVENT time: 188.736649, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=13,ack=111,check=2214]

Disordered packet received. Expected 7 Packet[seq=13,ack=111,check=2214]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 7 Packet[seq=13,ack=6,check=2109]

================================ Outside B\_input(packet) =========================

EVENT time: 190.622269, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Receive an message from layer5. Window[7,16]

Send packet to layer3. Window[7,17] Packet[seq=16,ack=111,checksum=2274]

================================ Outside A\_output===================================

EVENT time: 196.351807, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Window is full already, save message to extra buffer. Window[7,17]

EVENT time: 196.910110, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=14,ack=111,check=2234]

Disordered packet received. Expected 7 Packet[seq=14,ack=111,check=2234]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 7 Packet[seq=14,ack=6,check=2129]

================================ Outside B\_input(packet) =========================

EVENT time: 201.587067, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=6,ack=111,check=2074]

Duplicated packet detected. Expected 7 Packet[seq=6,ack=111,check=2074]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 7 Packet[seq=6,ack=6,check=1969]

================================ Outside B\_input(packet) =========================

EVENT time: 202.176086, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[7,17]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[7,17] Packet[seq=7,ack=111,checksum=2094]

Timeout! Send out the package again. Window[7,17] Packet[seq=8,ack=111,checksum=2114]

Timeout! Send out the package again. Window[7,17] Packet[seq=9,ack=111,checksum=2134]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[7,17] Packet[seq=10,ack=111,checksum=2154]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[7,17] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[7,17] Packet[seq=12,ack=111,checksum=2194]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[7,17] Packet[seq=13,ack=111,checksum=2214]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[7,17] Packet[seq=14,ack=111,checksum=2234]

Timeout! Send out the package again. Window[7,17] Packet[seq=15,ack=111,checksum=2254]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[7,17] Packet[seq=16,ack=111,checksum=2274]

EVENT time: 202.433044, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[7,17] Packet[seq=14,ack=6,checksum=2129]

ACK packet is corrupted. Window[7,17] Packet[seq=14,ack=6,checksum=2129]

EVENT time: 205.325485, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 7 Packet[seq=7,ack=111,check=2094]

Send packet to layer5. Expected 8 Packet[seq=7,ack=111,check=2094]

Send ACK packet to layer3. Expected 8 Packet[seq=7,ack=7,check=1990]

================================ Outside B\_input(packet) =========================

EVENT time: 209.289215, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Window is full already, save message to extra buffer. Window[7,17]

EVENT time: 209.929108, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[7,17] Packet[seq=7,ack=7,checksum=1990]

================================ Inside A\_output===================================

Receive an message from layer5. Window[8,17]

TOLAYER3: packet being lost

Send packet to layer3. Window[8,18] Packet[seq=17,ack=111,checksum=2313]

================================ Outside A\_output===================================

ACK packet process successfully accomplished!!. Window[8,18] Packet[seq=7,ack=7,checksum=1990]

================================ Outside A\_input===================================

EVENT time: 215.124710, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 8 Packet[seq=8,ack=111,check=2114]

Send packet to layer5. Expected 9 Packet[seq=8,ack=111,check=2114]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 9 Packet[seq=8,ack=8,check=2011]

================================ Outside B\_input(packet) =========================

EVENT time: 216.646301, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[8,18] Packet[seq=8,ack=8,checksum=2011]

ACK packet is corrupted. Window[8,18] Packet[seq=8,ack=8,checksum=2011]

EVENT time: 221.703461, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=9,ack=111,check=2134]

Packet is corrupted. Expected 9 Packet[seq=9,ack=111,check=2134]

EVENT time: 225.391998, type: 1, fromlayer5 entity: 0

================================ Inside A\_output===================================

Window is full already, save message to extra buffer. Window[8,18]

EVENT time: 226.319443, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=10,ack=111,check=2154]

Packet is corrupted. Expected 9 Packet[seq=10,ack=111,check=2154]

EVENT time: 227.683655, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=11,ack=111,check=2174]

Disordered packet received. Expected 9 Packet[seq=11,ack=111,check=2174]

Send ACK packet to layer3. Expected 9 Packet[seq=11,ack=8,check=2071]

================================ Outside B\_input(packet) =========================

EVENT time: 229.929108, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[8,18]

Timeout! Send out the package again. Window[8,18] Packet[seq=8,ack=111,checksum=2114]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[8,18] Packet[seq=9,ack=111,checksum=2134]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[8,18] Packet[seq=10,ack=111,checksum=2154]

Timeout! Send out the package again. Window[8,18] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[8,18] Packet[seq=12,ack=111,checksum=2194]

Timeout! Send out the package again. Window[8,18] Packet[seq=13,ack=111,checksum=2214]

Timeout! Send out the package again. Window[8,18] Packet[seq=14,ack=111,checksum=2234]

Timeout! Send out the package again. Window[8,18] Packet[seq=15,ack=111,checksum=2254]

Timeout! Send out the package again. Window[8,18] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[8,18] Packet[seq=17,ack=111,checksum=2313]

EVENT time: 231.391037, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[8,18] Packet[seq=11,ack=8,checksum=2071]

================================ Inside A\_output===================================

Receive an message from layer5. Window[9,18]

Send packet to layer3. Window[9,19] Packet[seq=18,ack=111,checksum=2333]

================================ Outside A\_output===================================

ACK packet process successfully accomplished!!. Window[9,19] Packet[seq=11,ack=8,checksum=2071]

================================ Outside A\_input===================================

EVENT time: 232.220261, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=12,ack=111,check=2194]

Disordered packet received. Expected 9 Packet[seq=12,ack=111,check=2194]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 9 Packet[seq=12,ack=8,check=2091]

================================ Outside B\_input(packet) =========================

EVENT time: 238.545776, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[9,19] Packet[seq=12,ack=8,checksum=2091]

ACK packet is corrupted. Window[9,19] Packet[seq=12,ack=8,checksum=2091]

EVENT time: 241.377579, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=13,ack=111,check=2214]

Disordered packet received. Expected 9 Packet[seq=13,ack=111,check=2214]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 9 Packet[seq=13,ack=8,check=2111]

================================ Outside B\_input(packet) =========================

EVENT time: 244.088470, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=15,ack=111,check=2254]

Disordered packet received. Expected 9 Packet[seq=15,ack=111,check=2254]

Send ACK packet to layer3. Expected 9 Packet[seq=15,ack=8,check=2151]

================================ Outside B\_input(packet) =========================

EVENT time: 244.260971, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[9,19] Packet[seq=13,ack=8,checksum=2111]

ACK packet is corrupted. Window[9,19] Packet[seq=13,ack=8,checksum=2111]

EVENT time: 247.809052, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[9,19] Packet[seq=15,ack=8,checksum=2151]

Receive duplicate ACK. Window[9,19] Packet[seq=15,ack=8,checksum=2151]

EVENT time: 250.288452, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=16,ack=111,check=2274]

Disordered packet received. Expected 9 Packet[seq=16,ack=111,check=2274]

Send ACK packet to layer3. Expected 9 Packet[seq=16,ack=8,check=2171]

================================ Outside B\_input(packet) =========================

EVENT time: 251.391037, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[9,19]

Timeout! Send out the package again. Window[9,19] Packet[seq=9,ack=111,checksum=2134]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[9,19] Packet[seq=10,ack=111,checksum=2154]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[9,19] Packet[seq=11,ack=111,checksum=2174]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[9,19] Packet[seq=12,ack=111,checksum=2194]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[9,19] Packet[seq=13,ack=111,checksum=2214]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[9,19] Packet[seq=14,ack=111,checksum=2234]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[9,19] Packet[seq=15,ack=111,checksum=2254]

Timeout! Send out the package again. Window[9,19] Packet[seq=16,ack=111,checksum=2274]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[9,19] Packet[seq=17,ack=111,checksum=2313]

Timeout! Send out the package again. Window[9,19] Packet[seq=18,ack=111,checksum=2333]

EVENT time: 257.037781, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[9,19] Packet[seq=16,ack=8,checksum=2171]

Receive duplicate ACK. Window[9,19] Packet[seq=16,ack=8,checksum=2171]

EVENT time: 258.616821, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=7,ack=111,check=2094]

Packet is corrupted. Expected 9 Packet[seq=7,ack=111,check=2094]

EVENT time: 264.967041, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=8,ack=111,check=2114]

Duplicated packet detected. Expected 9 Packet[seq=8,ack=111,check=2114]

Send ACK packet to layer3. Expected 9 Packet[seq=8,ack=8,check=2011]

================================ Outside B\_input(packet) =========================

EVENT time: 271.391052, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[9,19]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[9,19] Packet[seq=9,ack=111,checksum=2134]

Timeout! Send out the package again. Window[9,19] Packet[seq=10,ack=111,checksum=2154]

Timeout! Send out the package again. Window[9,19] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[9,19] Packet[seq=12,ack=111,checksum=2194]

Timeout! Send out the package again. Window[9,19] Packet[seq=13,ack=111,checksum=2214]

Timeout! Send out the package again. Window[9,19] Packet[seq=14,ack=111,checksum=2234]

Timeout! Send out the package again. Window[9,19] Packet[seq=15,ack=111,checksum=2254]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[9,19] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[9,19] Packet[seq=17,ack=111,checksum=2313]

Timeout! Send out the package again. Window[9,19] Packet[seq=18,ack=111,checksum=2333]

EVENT time: 274.214172, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[9,19] Packet[seq=8,ack=8,checksum=2011]

Receive duplicate ACK. Window[9,19] Packet[seq=8,ack=8,checksum=2011]

EVENT time: 274.355621, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 9 Packet[seq=9,ack=111,check=2134]

Send packet to layer5. Expected 10 Packet[seq=9,ack=111,check=2134]

Send ACK packet to layer3. Expected 10 Packet[seq=9,ack=9,check=2032]

================================ Outside B\_input(packet) =========================

EVENT time: 280.243866, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[9,19] Packet[seq=9,ack=9,checksum=2032]

================================ Inside A\_output===================================

Receive an message from layer5. Window[10,19]

TOLAYER3: packet being corrupted

Send packet to layer3. Window[10,20] Packet[seq=19,ack=111,checksum=2296]

================================ Outside A\_output===================================

ACK packet process successfully accomplished!!. Window[10,20] Packet[seq=9,ack=9,checksum=2032]

================================ Outside A\_input===================================

EVENT time: 283.275360, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=999999,ack=111,check=2154]

Packet is corrupted. Expected 10 Packet[seq=999999,ack=111,check=2154]

EVENT time: 290.098572, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=12,ack=111,check=2194]

Disordered packet received. Expected 10 Packet[seq=12,ack=111,check=2194]

Send ACK packet to layer3. Expected 10 Packet[seq=12,ack=9,check=2092]

================================ Outside B\_input(packet) =========================

EVENT time: 292.287048, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=12,ack=9,checksum=2092]

Receive duplicate ACK. Window[10,20] Packet[seq=12,ack=9,checksum=2092]

EVENT time: 295.957703, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=15,ack=111,check=2254]

Disordered packet received. Expected 10 Packet[seq=15,ack=111,check=2254]

Send ACK packet to layer3. Expected 10 Packet[seq=15,ack=9,check=2152]

================================ Outside B\_input(packet) =========================

EVENT time: 297.504578, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=8,ack=111,check=2114]

Duplicated packet detected. Expected 10 Packet[seq=8,ack=111,check=2114]

Send ACK packet to layer3. Expected 10 Packet[seq=8,ack=9,check=2012]

================================ Outside B\_input(packet) =========================

EVENT time: 300.243866, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[10,20]

Timeout! Send out the package again. Window[10,20] Packet[seq=10,ack=111,checksum=2154]

Timeout! Send out the package again. Window[10,20] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[10,20] Packet[seq=12,ack=111,checksum=2194]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=13,ack=111,checksum=2214]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=14,ack=111,checksum=2234]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=15,ack=111,checksum=2254]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=16,ack=111,checksum=2274]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=17,ack=111,checksum=2313]

Timeout! Send out the package again. Window[10,20] Packet[seq=18,ack=111,checksum=2333]

Timeout! Send out the package again. Window[10,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 300.938385, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=9,ack=111,check=2134]

Packet is corrupted. Expected 10 Packet[seq=9,ack=111,check=2134]

EVENT time: 302.945435, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=15,ack=9,checksum=2152]

Receive duplicate ACK. Window[10,20] Packet[seq=15,ack=9,checksum=2152]

EVENT time: 308.108215, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=10,ack=111,check=2154]

Packet is corrupted. Expected 10 Packet[seq=10,ack=111,check=2154]

EVENT time: 308.359314, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=8,ack=9,checksum=2012]

Receive duplicate ACK. Window[10,20] Packet[seq=8,ack=9,checksum=2012]

EVENT time: 310.586456, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=11,ack=111,check=2174]

Disordered packet received. Expected 10 Packet[seq=11,ack=111,check=2174]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 10 Packet[seq=11,ack=9,check=2072]

================================ Outside B\_input(packet) =========================

EVENT time: 313.177612, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=12,ack=111,check=2194]

Disordered packet received. Expected 10 Packet[seq=12,ack=111,check=2194]

Send ACK packet to layer3. Expected 10 Packet[seq=12,ack=9,check=2092]

================================ Outside B\_input(packet) =========================

EVENT time: 315.340820, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=13,ack=111,check=2214]

Disordered packet received. Expected 10 Packet[seq=13,ack=111,check=2214]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 10 Packet[seq=13,ack=9,check=2112]

================================ Outside B\_input(packet) =========================

EVENT time: 318.749725, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=12,ack=9,checksum=2092]

Receive duplicate ACK. Window[10,20] Packet[seq=12,ack=9,checksum=2092]

EVENT time: 320.243866, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[10,20]

Timeout! Send out the package again. Window[10,20] Packet[seq=10,ack=111,checksum=2154]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[10,20] Packet[seq=12,ack=111,checksum=2194]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=13,ack=111,checksum=2214]

Timeout! Send out the package again. Window[10,20] Packet[seq=14,ack=111,checksum=2234]

Timeout! Send out the package again. Window[10,20] Packet[seq=15,ack=111,checksum=2254]

Timeout! Send out the package again. Window[10,20] Packet[seq=16,ack=111,checksum=2274]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=17,ack=111,checksum=2313]

Timeout! Send out the package again. Window[10,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 322.896301, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=14,ack=111,check=2234]

Disordered packet received. Expected 10 Packet[seq=14,ack=111,check=2234]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 10 Packet[seq=14,ack=9,check=2132]

================================ Outside B\_input(packet) =========================

EVENT time: 331.250488, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=15,ack=111,check=2254]

Disordered packet received. Expected 10 Packet[seq=15,ack=111,check=2254]

Send ACK packet to layer3. Expected 10 Packet[seq=15,ack=9,check=2152]

================================ Outside B\_input(packet) =========================

EVENT time: 335.392395, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=16,ack=111,check=2274]

Disordered packet received. Expected 10 Packet[seq=16,ack=111,check=2274]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 10 Packet[seq=16,ack=9,check=2172]

================================ Outside B\_input(packet) =========================

EVENT time: 339.637299, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=17,ack=111,check=2313]

Disordered packet received. Expected 10 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 10 Packet[seq=17,ack=9,check=2211]

================================ Outside B\_input(packet) =========================

EVENT time: 340.243866, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[10,20]

Timeout! Send out the package again. Window[10,20] Packet[seq=10,ack=111,checksum=2154]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[10,20] Packet[seq=12,ack=111,checksum=2194]

Timeout! Send out the package again. Window[10,20] Packet[seq=13,ack=111,checksum=2214]

Timeout! Send out the package again. Window[10,20] Packet[seq=14,ack=111,checksum=2234]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=15,ack=111,checksum=2254]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[10,20] Packet[seq=17,ack=111,checksum=2313]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 340.884094, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=15,ack=9,checksum=2152]

Receive duplicate ACK. Window[10,20] Packet[seq=15,ack=9,checksum=2152]

EVENT time: 345.883240, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=17,ack=9,checksum=2211]

Receive duplicate ACK. Window[10,20] Packet[seq=17,ack=9,checksum=2211]

EVENT time: 347.961548, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=18,ack=111,check=2333]

Disordered packet received. Expected 10 Packet[seq=18,ack=111,check=2333]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 10 Packet[seq=18,ack=9,check=2231]

================================ Outside B\_input(packet) =========================

EVENT time: 357.185608, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=9,ack=111,check=2134]

Duplicated packet detected. Expected 10 Packet[seq=9,ack=111,check=2134]

Send ACK packet to layer3. Expected 10 Packet[seq=9,ack=9,check=2032]

================================ Outside B\_input(packet) =========================

EVENT time: 360.084381, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=9,ack=9,checksum=2032]

Receive duplicate ACK. Window[10,20] Packet[seq=9,ack=9,checksum=2032]

EVENT time: 360.243866, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[10,20]

Timeout! Send out the package again. Window[10,20] Packet[seq=10,ack=111,checksum=2154]

Timeout! Send out the package again. Window[10,20] Packet[seq=11,ack=111,checksum=2174]

Timeout! Send out the package again. Window[10,20] Packet[seq=12,ack=111,checksum=2194]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=13,ack=111,checksum=2214]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=14,ack=111,checksum=2234]

Timeout! Send out the package again. Window[10,20] Packet[seq=15,ack=111,checksum=2254]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[10,20] Packet[seq=17,ack=111,checksum=2313]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=18,ack=111,checksum=2333]

Timeout! Send out the package again. Window[10,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 360.959473, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=12,ack=111,check=2194]

Packet is corrupted. Expected 10 Packet[seq=12,ack=111,check=2194]

EVENT time: 363.214142, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=999999,ack=111,check=2234]

Packet is corrupted. Expected 10 Packet[seq=999999,ack=111,check=2234]

EVENT time: 371.525482, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=15,ack=999999,check=2254]

Packet is corrupted. Expected 10 Packet[seq=15,ack=999999,check=2254]

EVENT time: 374.139709, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=16,ack=111,check=2274]

Disordered packet received. Expected 10 Packet[seq=16,ack=111,check=2274]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 10 Packet[seq=16,ack=9,check=2172]

================================ Outside B\_input(packet) =========================

EVENT time: 380.227631, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=18,ack=111,check=2333]

Disordered packet received. Expected 10 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 10 Packet[seq=18,ack=9,check=2231]

================================ Outside B\_input(packet) =========================

EVENT time: 380.243866, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[10,20]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=10,ack=111,checksum=2154]

Timeout! Send out the package again. Window[10,20] Packet[seq=11,ack=111,checksum=2174]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=12,ack=111,checksum=2194]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[10,20] Packet[seq=13,ack=111,checksum=2214]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=14,ack=111,checksum=2234]

Timeout! Send out the package again. Window[10,20] Packet[seq=15,ack=111,checksum=2254]

Timeout! Send out the package again. Window[10,20] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[10,20] Packet[seq=17,ack=111,checksum=2313]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[10,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 384.804352, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 10 Packet[seq=10,ack=111,check=2154]

Send packet to layer5. Expected 11 Packet[seq=10,ack=111,check=2154]

Send ACK packet to layer3. Expected 11 Packet[seq=10,ack=10,check=2053]

================================ Outside B\_input(packet) =========================

EVENT time: 385.742615, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=18,ack=9,checksum=2231]

Receive duplicate ACK. Window[10,20] Packet[seq=18,ack=9,checksum=2231]

EVENT time: 391.364166, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 11 Packet[seq=11,ack=111,check=2174]

Send packet to layer5. Expected 12 Packet[seq=11,ack=111,check=2174]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 12 Packet[seq=11,ack=11,check=2074]

================================ Outside B\_input(packet) =========================

EVENT time: 393.996552, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[10,20] Packet[seq=10,ack=10,checksum=2053]

ACK packet process successfully accomplished!!. Window[11,20] Packet[seq=10,ack=10,checksum=2053]

================================ Outside A\_input===================================

EVENT time: 396.233398, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 12 Packet[seq=12,ack=111,check=2194]

Send packet to layer5. Expected 13 Packet[seq=12,ack=111,check=2194]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 13 Packet[seq=12,ack=12,check=2095]

================================ Outside B\_input(packet) =========================

EVENT time: 400.568665, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 13 Packet[seq=13,ack=111,check=2214]

Send packet to layer5. Expected 14 Packet[seq=13,ack=111,check=2214]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 14 Packet[seq=13,ack=13,check=2116]

================================ Outside B\_input(packet) =========================

EVENT time: 407.820618, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 14 Packet[seq=14,ack=111,check=2234]

Send packet to layer5. Expected 15 Packet[seq=14,ack=111,check=2234]

Send ACK packet to layer3. Expected 15 Packet[seq=14,ack=14,check=2137]

================================ Outside B\_input(packet) =========================

EVENT time: 412.104248, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[11,20] Packet[seq=14,ack=14,checksum=2137]

ACK packet process successfully accomplished!!. Window[15,20] Packet[seq=14,ack=14,checksum=2137]

================================ Outside A\_input===================================

EVENT time: 413.422943, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 15 Packet[seq=15,ack=111,check=2254]

Send packet to layer5. Expected 16 Packet[seq=15,ack=111,check=2254]

Send ACK packet to layer3. Expected 16 Packet[seq=15,ack=15,check=2158]

================================ Outside B\_input(packet) =========================

EVENT time: 414.546265, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[15,20] Packet[seq=15,ack=15,checksum=2158]

ACK packet process successfully accomplished!!. Window[16,20] Packet[seq=15,ack=15,checksum=2158]

================================ Outside A\_input===================================

EVENT time: 415.946533, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=16,ack=111,check=2274]

Packet is corrupted. Expected 16 Packet[seq=16,ack=111,check=2274]

EVENT time: 420.231262, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=17,ack=111,check=2313]

Disordered packet received. Expected 16 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 16 Packet[seq=17,ack=15,check=2217]

================================ Outside B\_input(packet) =========================

EVENT time: 424.553345, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=18,ack=111,check=2333]

Disordered packet received. Expected 16 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 16 Packet[seq=18,ack=15,check=2237]

================================ Outside B\_input(packet) =========================

EVENT time: 429.420715, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=17,ack=15,checksum=2217]

Receive duplicate ACK. Window[16,20] Packet[seq=17,ack=15,checksum=2217]

EVENT time: 430.700592, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=19,ack=111,check=2296]

Packet is corrupted. Expected 16 Packet[seq=19,ack=111,check=2296]

EVENT time: 431.663025, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=18,ack=15,checksum=2237]

Receive duplicate ACK. Window[16,20] Packet[seq=18,ack=15,checksum=2237]

EVENT time: 434.546265, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[16,20]

Timeout! Send out the package again. Window[16,20] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[16,20] Packet[seq=17,ack=111,checksum=2313]

Timeout! Send out the package again. Window[16,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[16,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 440.338593, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=10,ack=111,check=2154]

Duplicated packet detected. Expected 16 Packet[seq=10,ack=111,check=2154]

Send ACK packet to layer3. Expected 16 Packet[seq=10,ack=15,check=2058]

================================ Outside B\_input(packet) =========================

EVENT time: 448.440369, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=10,ack=15,checksum=2058]

Receive duplicate ACK. Window[16,20] Packet[seq=10,ack=15,checksum=2058]

EVENT time: 450.070251, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=11,ack=111,check=2174]

Duplicated packet detected. Expected 16 Packet[seq=11,ack=111,check=2174]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 16 Packet[seq=11,ack=15,check=2078]

================================ Outside B\_input(packet) =========================

EVENT time: 454.170959, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=12,ack=111,check=2194]

Duplicated packet detected. Expected 16 Packet[seq=12,ack=111,check=2194]

Send ACK packet to layer3. Expected 16 Packet[seq=12,ack=15,check=2098]

================================ Outside B\_input(packet) =========================

EVENT time: 454.546265, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[16,20]

Timeout! Send out the package again. Window[16,20] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[16,20] Packet[seq=17,ack=111,checksum=2313]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[16,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[16,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 457.524841, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=15,ack=999999,check=2254]

Packet is corrupted. Expected 16 Packet[seq=15,ack=999999,check=2254]

EVENT time: 460.977600, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=999999,ack=111,check=2313]

Packet is corrupted. Expected 16 Packet[seq=999999,ack=111,check=2313]

EVENT time: 463.741394, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=12,ack=15,checksum=2098]

Receive duplicate ACK. Window[16,20] Packet[seq=12,ack=15,checksum=2098]

EVENT time: 465.394165, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=18,ack=111,check=2333]

Disordered packet received. Expected 16 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 16 Packet[seq=18,ack=15,check=2237]

================================ Outside B\_input(packet) =========================

EVENT time: 466.811646, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=18,ack=15,checksum=2237]

Receive duplicate ACK. Window[16,20] Packet[seq=18,ack=15,checksum=2237]

EVENT time: 468.678558, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=19,ack=111,check=2296]

Disordered packet received. Expected 16 Packet[seq=19,ack=111,check=2296]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 16 Packet[seq=19,ack=15,check=2200]

================================ Outside B\_input(packet) =========================

EVENT time: 472.449677, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=10,ack=111,check=2154]

Duplicated packet detected. Expected 16 Packet[seq=10,ack=111,check=2154]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 16 Packet[seq=10,ack=15,check=2058]

================================ Outside B\_input(packet) =========================

EVENT time: 473.165985, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=19,ack=15,checksum=2200]

ACK packet is corrupted. Window[16,20] Packet[seq=19,ack=15,checksum=2200]

EVENT time: 474.389282, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=10,ack=15,checksum=2058]

ACK packet is corrupted. Window[16,20] Packet[seq=10,ack=15,checksum=2058]

EVENT time: 474.546265, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[16,20]

Timeout! Send out the package again. Window[16,20] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[16,20] Packet[seq=17,ack=111,checksum=2313]

Timeout! Send out the package again. Window[16,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[16,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 481.910492, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=12,ack=111,check=2194]

Duplicated packet detected. Expected 16 Packet[seq=12,ack=111,check=2194]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 16 Packet[seq=12,ack=15,check=2098]

================================ Outside B\_input(packet) =========================

EVENT time: 487.554291, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=14,ack=111,check=2234]

Duplicated packet detected. Expected 16 Packet[seq=14,ack=111,check=2234]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 16 Packet[seq=14,ack=15,check=2138]

================================ Outside B\_input(packet) =========================

EVENT time: 491.014740, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=14,ack=15,checksum=2138]

ACK packet is corrupted. Window[16,20] Packet[seq=14,ack=15,checksum=2138]

EVENT time: 493.615845, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=15,ack=111,check=2254]

Duplicated packet detected. Expected 16 Packet[seq=15,ack=111,check=2254]

Send ACK packet to layer3. Expected 16 Packet[seq=15,ack=15,check=2158]

================================ Outside B\_input(packet) =========================

EVENT time: 494.546265, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[16,20]

Timeout! Send out the package again. Window[16,20] Packet[seq=16,ack=111,checksum=2274]

Timeout! Send out the package again. Window[16,20] Packet[seq=17,ack=111,checksum=2313]

TOLAYER3: packet being lost

Timeout! Send out the package again. Window[16,20] Packet[seq=18,ack=111,checksum=2333]

Timeout! Send out the package again. Window[16,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 495.185242, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 16 Packet[seq=16,ack=111,check=2274]

Send packet to layer5. Expected 17 Packet[seq=16,ack=111,check=2274]

Send ACK packet to layer3. Expected 17 Packet[seq=16,ack=16,check=2179]

================================ Outside B\_input(packet) =========================

EVENT time: 498.489746, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=15,ack=15,checksum=2158]

Receive duplicate ACK. Window[16,20] Packet[seq=15,ack=15,checksum=2158]

EVENT time: 502.960968, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[16,20] Packet[seq=16,ack=16,checksum=2179]

ACK packet process successfully accomplished!!. Window[17,20] Packet[seq=16,ack=16,checksum=2179]

================================ Outside A\_input===================================

EVENT time: 503.377106, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=17,ack=999999,check=2313]

Packet is corrupted. Expected 17 Packet[seq=17,ack=999999,check=2313]

EVENT time: 507.472595, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=18,ack=111,check=2333]

Disordered packet received. Expected 17 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 17 Packet[seq=18,ack=16,check=2238]

================================ Outside B\_input(packet) =========================

EVENT time: 508.776917, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[17,20] Packet[seq=18,ack=16,checksum=2238]

Receive duplicate ACK. Window[17,20] Packet[seq=18,ack=16,checksum=2238]

EVENT time: 514.650696, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=19,ack=111,check=2296]

Packet is corrupted. Expected 17 Packet[seq=19,ack=111,check=2296]

EVENT time: 521.235779, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=10,ack=111,check=2154]

Duplicated packet detected. Expected 17 Packet[seq=10,ack=111,check=2154]

Send ACK packet to layer3. Expected 17 Packet[seq=10,ack=16,check=2059]

================================ Outside B\_input(packet) =========================

EVENT time: 522.750793, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=12,ack=111,check=2194]

Duplicated packet detected. Expected 17 Packet[seq=12,ack=111,check=2194]

Send ACK packet to layer3. Expected 17 Packet[seq=12,ack=16,check=2099]

================================ Outside B\_input(packet) =========================

EVENT time: 522.960938, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[17,20]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[17,20] Packet[seq=17,ack=111,checksum=2313]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[17,20] Packet[seq=18,ack=111,checksum=2333]

Timeout! Send out the package again. Window[17,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 529.455139, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[17,20] Packet[seq=10,ack=16,checksum=2059]

Receive duplicate ACK. Window[17,20] Packet[seq=10,ack=16,checksum=2059]

EVENT time: 531.406555, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[17,20] Packet[seq=12,ack=16,checksum=2099]

Receive duplicate ACK. Window[17,20] Packet[seq=12,ack=16,checksum=2099]

EVENT time: 531.445557, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=13,ack=111,check=2214]

Duplicated packet detected. Expected 17 Packet[seq=13,ack=111,check=2214]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 17 Packet[seq=13,ack=16,check=2119]

================================ Outside B\_input(packet) =========================

EVENT time: 536.637817, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=14,ack=111,check=2234]

Duplicated packet detected. Expected 17 Packet[seq=14,ack=111,check=2234]

Send ACK packet to layer3. Expected 17 Packet[seq=14,ack=16,check=2139]

================================ Outside B\_input(packet) =========================

EVENT time: 540.605286, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 17 Packet[seq=17,ack=111,check=2313]

Send packet to layer5. Expected 18 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 18 Packet[seq=17,ack=17,check=2219]

================================ Outside B\_input(packet) =========================

EVENT time: 542.960938, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[17,20]

Timeout! Send out the package again. Window[17,20] Packet[seq=17,ack=111,checksum=2313]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[17,20] Packet[seq=18,ack=111,checksum=2333]

Timeout! Send out the package again. Window[17,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 545.824524, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[17,20] Packet[seq=14,ack=16,checksum=2139]

Receive duplicate ACK. Window[17,20] Packet[seq=14,ack=16,checksum=2139]

EVENT time: 548.311829, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=19,ack=111,check=2296]

Packet is corrupted. Expected 18 Packet[seq=19,ack=111,check=2296]

EVENT time: 550.715088, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=10,ack=111,check=2154]

Duplicated packet detected. Expected 18 Packet[seq=10,ack=111,check=2154]

Send ACK packet to layer3. Expected 18 Packet[seq=10,ack=17,check=2060]

================================ Outside B\_input(packet) =========================

EVENT time: 553.237549, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=11,ack=111,check=2174]

Duplicated packet detected. Expected 18 Packet[seq=11,ack=111,check=2174]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 18 Packet[seq=11,ack=17,check=2080]

================================ Outside B\_input(packet) =========================

EVENT time: 555.299622, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[17,20] Packet[seq=17,ack=17,checksum=2219]

ACK packet process successfully accomplished!!. Window[18,20] Packet[seq=17,ack=17,checksum=2219]

================================ Outside A\_input===================================

EVENT time: 555.920959, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=12,ack=111,check=2194]

Duplicated packet detected. Expected 18 Packet[seq=12,ack=111,check=2194]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 18 Packet[seq=12,ack=17,check=2100]

================================ Outside B\_input(packet) =========================

EVENT time: 559.517944, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=13,ack=999999,check=2214]

Packet is corrupted. Expected 18 Packet[seq=13,ack=999999,check=2214]

EVENT time: 561.293335, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=14,ack=111,check=2234]

Packet is corrupted. Expected 18 Packet[seq=14,ack=111,check=2234]

EVENT time: 565.273499, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=10,ack=17,checksum=2060]

Receive duplicate ACK. Window[18,20] Packet[seq=10,ack=17,checksum=2060]

EVENT time: 568.612854, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=15,ack=111,check=2254]

Duplicated packet detected. Expected 18 Packet[seq=15,ack=111,check=2254]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 18 Packet[seq=15,ack=17,check=2160]

================================ Outside B\_input(packet) =========================

EVENT time: 575.197937, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=16,ack=111,check=2274]

Packet is corrupted. Expected 18 Packet[seq=16,ack=111,check=2274]

EVENT time: 575.299622, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[18,20]

Timeout! Send out the package again. Window[18,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[18,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 578.256897, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=15,ack=17,checksum=2160]

ACK packet is corrupted. Window[18,20] Packet[seq=15,ack=17,checksum=2160]

EVENT time: 582.408142, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=17,ack=111,check=2313]

Duplicated packet detected. Expected 18 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 18 Packet[seq=17,ack=17,check=2219]

================================ Outside B\_input(packet) =========================

EVENT time: 586.561584, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=19,ack=111,check=2296]

Disordered packet received. Expected 18 Packet[seq=19,ack=111,check=2296]

Send ACK packet to layer3. Expected 18 Packet[seq=19,ack=17,check=2202]

================================ Outside B\_input(packet) =========================

EVENT time: 590.100403, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=17,ack=17,checksum=2219]

Receive duplicate ACK. Window[18,20] Packet[seq=17,ack=17,checksum=2219]

EVENT time: 593.582275, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=11,ack=111,check=2174]

Duplicated packet detected. Expected 18 Packet[seq=11,ack=111,check=2174]

Send ACK packet to layer3. Expected 18 Packet[seq=11,ack=17,check=2080]

================================ Outside B\_input(packet) =========================

EVENT time: 595.299622, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[18,20]

Timeout! Send out the package again. Window[18,20] Packet[seq=18,ack=111,checksum=2333]

TOLAYER3: packet being corrupted

Timeout! Send out the package again. Window[18,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 597.853088, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=19,ack=17,checksum=2202]

Receive duplicate ACK. Window[18,20] Packet[seq=19,ack=17,checksum=2202]

EVENT time: 599.994080, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=11,ack=17,checksum=2080]

Receive duplicate ACK. Window[18,20] Packet[seq=11,ack=17,checksum=2080]

EVENT time: 601.788696, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=12,ack=111,check=2194]

Packet is corrupted. Expected 18 Packet[seq=12,ack=111,check=2194]

EVENT time: 603.755249, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=14,ack=111,check=2234]

Packet is corrupted. Expected 18 Packet[seq=14,ack=111,check=2234]

EVENT time: 610.251892, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=15,ack=111,check=2254]

Duplicated packet detected. Expected 18 Packet[seq=15,ack=111,check=2254]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 18 Packet[seq=15,ack=17,check=2160]

================================ Outside B\_input(packet) =========================

EVENT time: 613.401428, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=16,ack=111,check=2274]

Duplicated packet detected. Expected 18 Packet[seq=16,ack=111,check=2274]

Send ACK packet to layer3. Expected 18 Packet[seq=16,ack=17,check=2180]

================================ Outside B\_input(packet) =========================

EVENT time: 615.299622, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[18,20]

Timeout! Send out the package again. Window[18,20] Packet[seq=18,ack=111,checksum=2333]

Timeout! Send out the package again. Window[18,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 618.158875, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=16,ack=17,checksum=2180]

Receive duplicate ACK. Window[18,20] Packet[seq=16,ack=17,checksum=2180]

EVENT time: 623.225647, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=17,ack=111,check=2313]

Duplicated packet detected. Expected 18 Packet[seq=17,ack=111,check=2313]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 18 Packet[seq=17,ack=17,check=2219]

================================ Outside B\_input(packet) =========================

EVENT time: 628.515930, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=18,ack=111,check=2333]

Packet is corrupted. Expected 18 Packet[seq=18,ack=111,check=2333]

EVENT time: 633.736450, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=19,ack=111,check=2296]

Packet is corrupted. Expected 18 Packet[seq=19,ack=111,check=2296]

EVENT time: 635.299622, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[18,20]

Timeout! Send out the package again. Window[18,20] Packet[seq=18,ack=111,checksum=2333]

Timeout! Send out the package again. Window[18,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 638.390625, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=16,ack=111,check=2274]

Duplicated packet detected. Expected 18 Packet[seq=16,ack=111,check=2274]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 18 Packet[seq=16,ack=17,check=2180]

================================ Outside B\_input(packet) =========================

EVENT time: 640.496460, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=17,ack=111,check=2313]

Duplicated packet detected. Expected 18 Packet[seq=17,ack=111,check=2313]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 18 Packet[seq=17,ack=17,check=2219]

================================ Outside B\_input(packet) =========================

EVENT time: 643.511414, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=17,ack=17,checksum=2219]

ACK packet is corrupted. Window[18,20] Packet[seq=17,ack=17,checksum=2219]

EVENT time: 644.298340, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 18 Packet[seq=18,ack=111,check=2333]

Send packet to layer5. Expected 19 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 19 Packet[seq=18,ack=18,check=2240]

================================ Outside B\_input(packet) =========================

EVENT time: 651.373962, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[18,20] Packet[seq=18,ack=18,checksum=2240]

ACK packet process successfully accomplished!!. Window[19,20] Packet[seq=18,ack=18,checksum=2240]

================================ Outside A\_input===================================

EVENT time: 651.677185, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=16,ack=111,check=2274]

Duplicated packet detected. Expected 19 Packet[seq=16,ack=111,check=2274]

Send ACK packet to layer3. Expected 19 Packet[seq=16,ack=18,check=2181]

================================ Outside B\_input(packet) =========================

EVENT time: 653.318542, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=17,ack=111,check=2313]

Duplicated packet detected. Expected 19 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 19 Packet[seq=17,ack=18,check=2220]

================================ Outside B\_input(packet) =========================

EVENT time: 654.520691, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=18,ack=111,check=2333]

Packet is corrupted. Expected 19 Packet[seq=18,ack=111,check=2333]

EVENT time: 654.864624, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=16,ack=18,checksum=2181]

Receive duplicate ACK. Window[19,20] Packet[seq=16,ack=18,checksum=2181]

EVENT time: 658.015747, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=16,ack=111,check=2274]

Duplicated packet detected. Expected 19 Packet[seq=16,ack=111,check=2274]

Send ACK packet to layer3. Expected 19 Packet[seq=16,ack=18,check=2181]

================================ Outside B\_input(packet) =========================

EVENT time: 661.756470, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=17,ack=18,checksum=2220]

Receive duplicate ACK. Window[19,20] Packet[seq=17,ack=18,checksum=2220]

EVENT time: 662.976135, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=17,ack=111,check=2313]

Duplicated packet detected. Expected 19 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 19 Packet[seq=17,ack=18,check=2220]

================================ Outside B\_input(packet) =========================

EVENT time: 665.739502, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=18,ack=111,check=2333]

Duplicated packet detected. Expected 19 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 19 Packet[seq=18,ack=18,check=2240]

================================ Outside B\_input(packet) =========================

EVENT time: 665.871460, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=16,ack=18,checksum=2181]

Receive duplicate ACK. Window[19,20] Packet[seq=16,ack=18,checksum=2181]

EVENT time: 667.473694, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=19,ack=111,check=2296]

Packet is corrupted. Expected 19 Packet[seq=19,ack=111,check=2296]

EVENT time: 671.373962, type: 0, timerinterrupt entity: 0

Time interrupt occured.Window[19,20]

Timeout! Send out the package again. Window[19,20] Packet[seq=19,ack=111,checksum=2296]

EVENT time: 671.530762, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=16,ack=111,check=2274]

Duplicated packet detected. Expected 19 Packet[seq=16,ack=111,check=2274]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 19 Packet[seq=16,ack=18,check=2181]

================================ Outside B\_input(packet) =========================

EVENT time: 672.398010, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=17,ack=18,checksum=2220]

Receive duplicate ACK. Window[19,20] Packet[seq=17,ack=18,checksum=2220]

EVENT time: 672.830688, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=17,ack=111,check=2313]

Duplicated packet detected. Expected 19 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 19 Packet[seq=17,ack=18,check=2220]

================================ Outside B\_input(packet) =========================

EVENT time: 674.665344, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=18,ack=18,checksum=2240]

Receive duplicate ACK. Window[19,20] Packet[seq=18,ack=18,checksum=2240]

EVENT time: 679.543213, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 19 Packet[seq=19,ack=111,check=2296]

Send packet to layer5. Expected 20 Packet[seq=19,ack=111,check=2296]

Send ACK packet to layer3. Expected 20 Packet[seq=19,ack=19,check=2204]

================================ Outside B\_input(packet) =========================

EVENT time: 682.070007, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=16,ack=18,checksum=2181]

ACK packet is corrupted. Window[19,20] Packet[seq=16,ack=18,checksum=2181]

EVENT time: 689.359070, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=17,ack=18,checksum=2220]

Receive duplicate ACK. Window[19,20] Packet[seq=17,ack=18,checksum=2220]

EVENT time: 689.391296, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=999999,ack=111,check=2313]

Packet is corrupted. Expected 20 Packet[seq=999999,ack=111,check=2313]

EVENT time: 691.237976, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[19,20] Packet[seq=19,ack=19,checksum=2204]

ACK packet process successfully accomplished!!. Window[20,20] Packet[seq=19,ack=19,checksum=2204]

================================ Outside A\_input===================================

EVENT time: 694.264648, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=999999,ack=111,check=2333]

Packet is corrupted. Expected 20 Packet[seq=999999,ack=111,check=2333]

EVENT time: 699.895508, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=19,ack=111,check=2296]

Duplicated packet detected. Expected 20 Packet[seq=19,ack=111,check=2296]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 20 Packet[seq=19,ack=19,check=2204]

================================ Outside B\_input(packet) =========================

EVENT time: 705.104248, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[20,20] Packet[seq=19,ack=19,checksum=2204]

ACK packet is corrupted. Window[20,20] Packet[seq=19,ack=19,checksum=2204]

EVENT time: 705.239075, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=17,ack=111,check=2313]

Duplicated packet detected. Expected 20 Packet[seq=17,ack=111,check=2313]

Send ACK packet to layer3. Expected 20 Packet[seq=17,ack=19,check=2221]

================================ Outside B\_input(packet) =========================

EVENT time: 709.377441, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[20,20] Packet[seq=17,ack=19,checksum=2221]

Receive duplicate ACK. Window[20,20] Packet[seq=17,ack=19,checksum=2221]

EVENT time: 709.404358, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=18,ack=111,check=2333]

Packet is corrupted. Expected 20 Packet[seq=18,ack=111,check=2333]

EVENT time: 717.019958, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=19,ack=111,check=2296]

Duplicated packet detected. Expected 20 Packet[seq=19,ack=111,check=2296]

Send ACK packet to layer3. Expected 20 Packet[seq=19,ack=19,check=2204]

================================ Outside B\_input(packet) =========================

EVENT time: 720.189270, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[20,20] Packet[seq=19,ack=19,checksum=2204]

Receive duplicate ACK. Window[20,20] Packet[seq=19,ack=19,checksum=2204]

EVENT time: 720.910522, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=18,ack=111,check=2333]

Duplicated packet detected. Expected 20 Packet[seq=18,ack=111,check=2333]

TOLAYER3: packet being corrupted

Send ACK packet to layer3. Expected 20 Packet[seq=18,ack=19,check=2241]

================================ Outside B\_input(packet) =========================

EVENT time: 725.161194, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[20,20] Packet[seq=18,ack=19,checksum=2241]

ACK packet is corrupted. Window[20,20] Packet[seq=18,ack=19,checksum=2241]

EVENT time: 725.471558, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=19,ack=111,check=2296]

Packet is corrupted. Expected 20 Packet[seq=19,ack=111,check=2296]

EVENT time: 734.525330, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=18,ack=111,check=2333]

Duplicated packet detected. Expected 20 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 20 Packet[seq=18,ack=19,check=2241]

================================ Outside B\_input(packet) =========================

EVENT time: 735.815369, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[20,20] Packet[seq=18,ack=19,checksum=2241]

Receive duplicate ACK. Window[20,20] Packet[seq=18,ack=19,checksum=2241]

EVENT time: 740.147705, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=19,ack=111,check=2296]

Packet is corrupted. Expected 20 Packet[seq=19,ack=111,check=2296]

EVENT time: 746.938477, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=18,ack=111,check=2333]

Duplicated packet detected. Expected 20 Packet[seq=18,ack=111,check=2333]

Send ACK packet to layer3. Expected 20 Packet[seq=18,ack=19,check=2241]

================================ Outside B\_input(packet) =========================

EVENT time: 750.865295, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=19,ack=111,check=2296]

Duplicated packet detected. Expected 20 Packet[seq=19,ack=111,check=2296]

Send ACK packet to layer3. Expected 20 Packet[seq=19,ack=19,check=2204]

================================ Outside B\_input(packet) =========================

EVENT time: 752.572632, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[20,20] Packet[seq=18,ack=19,checksum=2241]

Receive duplicate ACK. Window[20,20] Packet[seq=18,ack=19,checksum=2241]

EVENT time: 755.519714, type: 2, fromlayer3 entity: 0

================================ Inside A\_input===================================

Receive ACK packet from layer3. Window[20,20] Packet[seq=19,ack=19,checksum=2204]

Receive duplicate ACK. Window[20,20] Packet[seq=19,ack=19,checksum=2204]

EVENT time: 755.609009, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=18,ack=111,check=2333]

Duplicated packet detected. Expected 20 Packet[seq=18,ack=111,check=2333]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 20 Packet[seq=18,ack=19,check=2241]

================================ Outside B\_input(packet) =========================

EVENT time: 762.888184, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=19,ack=111,check=2296]

Duplicated packet detected. Expected 20 Packet[seq=19,ack=111,check=2296]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 20 Packet[seq=19,ack=19,check=2204]

================================ Outside B\_input(packet) =========================

EVENT time: 769.061829, type: 2, fromlayer3 entity: 1

================================ Inside B\_input===================================

Receive a packet from layer3. Expected 20 Packet[seq=19,ack=111,check=2296]

Duplicated packet detected. Expected 20 Packet[seq=19,ack=111,check=2296]

TOLAYER3: packet being lost

Send ACK packet to layer3. Expected 20 Packet[seq=19,ack=19,check=2204]

================================ Outside B\_input(packet) =========================

Simulator terminated at time 769.061829

after sending 20 msgs from layer5