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-bash-4.1$ ./p2
----- Network Simulator Version 2.3 -----
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Enter the number of messages to simulate: 50
Packet loss probability [enter number between 0.0 and 1.0]: 0.5
Packet corruption probability [0.0 for no corruption]: 0.5
Packet out-of-order probability [0.0 for no out-of-order]: 0
Average time between messages from sender's layer5 [ > 0.0]: 10
Enter Level of tracing desired: 2
Do you want actions randomized: (1 = yes, 0 = no)? 1
Do you want Bidirectional: (1 = yes, 0 = no)? 0
Input parameters:
Number of Messages = 50   Lost Packet Prob. = 0.500
Corrupt Packet Prob. = 0.500   Out Of Order Prob. = 0.000
Ave. time between messages = 10.00   Trace level = 2
Randomize = 1   Bi-directional = 0
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```
A:      18.7491, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU
A:      34.8209, Layer 5 to 4 Message = ##i.Qt9]!Eh-Ps8[~Dg,
A:      44.5095, Layer 5 to 4 Message = $X$d:oFzQ(]3h>sJ~U,a
A:      49.6382, Layer 5 to 4 Message = %kS%$jR:#iQ9!hP8~g07
A:      66.6055, Layer 5 to 4 Message = &}wq&e_XRLF?93-'~xrl
A:      66.7625, Layer 5 to 4 Message = '2=IT'kv$x:FQ]hs~,7C
A:      85.5966, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
A:      95.6855, Layer 5 to 4 Message = dW(V'U&)%S$R2Q!P~0}N
B:     107.4688, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU
A:     114.8573, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%
A:     126.8972, Layer 5 to 4 Message = +fpdWK>2&+k_RF3~rFY
A:     142.2454, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0
A:     146.7889, Layer 5 to 4 Message = -DZq*AWn'=T-$.Qh~7Ne
A:     148.4023, Layer 5 to 4 Message = .V~Iq;d.V~Iq.d.V~Iq;
A:     165.5847, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p
A:     182.8084, Layer 5 to 4 Message = d{iVD1|jWE2}2X03~LYG
A:     183.9964, Layer 5 to 4 Message = 10x.-,*)( '&%$#1~}|{
A:     190.9697, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR
A:     199.4742, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)
A:     216.6549, Layer 5 to 4 Message = 4f=qGzP&Yxc8lB3K~T4^
A:     236.0061, Layer 5 to 4 Message = 5zbI0u]D+pW>&kR9~fM5
A:     239.3599, Layer 5 to 4 Message = 6x(~wpibZSLE=6x(~wpi
B:     240.3582, Layer 4 to 5 Message = ##i.Qt9]!Eh-Ps8[~Dg,
A:     257.6437, Layer 5 to 4 Message = d7LVaku!,6AK2`jt~+5?
A:     272.0184, Layer 5 to 4 Message = 8T8.Jf$?[w5Qm+Gc~<Xt
A:     277.6103, Layer 5 to 4 Message = 9g693a0^~Z*W'T$Q~N{K
A:     296.2028, Layer 5 to 4 Message = :yZ;:[<{]=|^>}_?~`A!
A:     313.0492, Layer 5 to 4 Message = ;.~qd;I;.~qdVI;.~qdV
A:     329.1423, Layer 5 to 4 Message = <AEIMQ<Y^bfjnrVz~%)~
A:     341.5982, Layer 5 to 4 Message = =fi~6Lb=xEZp(=3i~6Lb
A:     359.8282, Layer 5 to 4 Message = dfxV]Gn7>(0v2g0W~Ho8
A:     367.6298, Layer 5 to 4 Message = ?xS.gBzU0?D|W2kF~Y4m
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A: 368.6971, Layer 5 to 4 Message = A~wdP<)s`LA%o[H4~kWD
A: 369.4075, Layer 5 to 4 Message = B?=:97531x-B)'%#~|zx
A: 376.7499, Layer 5 to 4 Message = CRbq#2BQap!1CP`o~0?0
A: 392.6237, Layer 5 to 4 Message = De(Ij-No2St7XD<^~Bc&
A: 392.9329, Layer 5 to 4 Message = EwL~S(Zxb6i=pEEL~S(Z
A: 409.9323, Layer 5 to 4 Message = d,pV<#gM3w^D2nTF~eK1
A: 411.7185, Layer 5 to 4 Message = Gf6.&{skcZRJB93)Gvnf
A: 413.0358, Layer 5 to 4 Message = HQZdmv!+4=GPYclu~H3<
B: 414.1388, Layer 4 to 5 Message = $X$d:oFzQ(]3h>sJ~U,a
A: 432.7461, Layer 5 to 4 Message = Id~;Vq.Id~;Vq.Id~;Iq
A: 442.8570, Layer 5 to 4 Message = JvEq?l:g5b0]+W&R~MyJ
A: 459.9324, Layer 5 to 4 Message = K+iI)gG'eE%cC#aA~>|
A: 461.4029, Layer 5 to 4 Message = LLx~pbSE6(wiZL=x~pbS
A: 475.5390, Layer 5 to 4 Message = dPMVY]`cfilo2ux{~$'*
A: 478.2122, Layer 5 to 4 Message = NcwNCWl#7Lau,AUj~5J_
A: 485.2816, Layer 5 to 4 Message = Ou=dORxAgxU{Dj2X~Gm5
A: 486.1599, Layer 5 to 4 Message = Pfb;sP'_8pJ$[53G~X2j
A: 488.4594, Layer 5 to 4 Message = Q<(q)HQ|hS>*s_J5~jUA
A: 495.4992, Layer 5 to 4 Message = ROLIFC?R9630~*'$~{xu
B: 502.7441, Layer 4 to 5 Message = %kS%$jR:#iQ9!hP8~g07
A: 513.6229, Layer 5 to 4 Message = Sbp~x=LZSw(6ESbp~x=L
A: 524.9787, Layer 5 to 4 Message = dt6Vv8Xx:Tz<2|>~Aa#
A: 544.1836, Layer 5 to 4 Message = U)Z.`3e8j=UCtHyM~R&W
A: 548.2087, Layer 5 to 4 Message = V;~dI.qV;~dV.qV;~dI.
A: 558.4645, Layer 5 to 4 Message = WNE;2)}tkbXOW<3*~ulc
A: 574.4331, Layer 5 to 4 Message = Xaiqy$,4<EMU^Xnv~)19
A: 576.0697, Layer 5 to 4 Message = YfxIc|8Rl(B[u1Ye~:Tn
B: 582.4332, Layer 4 to 5 Message = &}wq&e_XRLF?93~'~xrl
B: 720.0730, Layer 4 to 5 Message = '2=IT'kv$x:FQ]hs~,7C
B: 899.7638, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw
B: 1002.4238, Layer 4 to 5 Message = dW(V'U&)%S$R2Q!P~0}N
B: 1134.6597, Layer 4 to 5 Message = *jL.nP2r*6vX:z]>~aC%
B: 1651.5780, Layer 4 to 5 Message = +fpdWK>2&+k_RF3~~rfY
B: 1831.2215, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0
B: 1982.9497, Layer 4 to 5 Message = -DZq*AWn'=T-$.Qh~7Ne
B: 2168.0042, Layer 4 to 5 Message = .V~Iq;d.V~Iq.d.V~Iq;
B: 2286.4706, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p
B: 2409.2208, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~LYG

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Printing the contents of the Simulation Event Q

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Event Time = 2449.050 B: LAYER 3 Seq/Ack/Check = 0/0/5672542: b{iD1|jWE2}3X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2449.050 B: LAYER 3 Seq/Ack/Check = 0/0/5672542: b{iD1|jWE2}3X03~LYG

Event Time = 2478.798 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2458.550 A: Timer

Event Time = 2478.798 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2491.341 B: LAYER 3 Seq/Ack/Check = 0/0/36446: bi{iVD1|jWE2}3X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2458.550 A: Timer

Event Time = 2478.798 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2491.341 B: LAYER 3 Seq/Ack/Check = 0/0/36446: bi{iVD1|jWE2}3X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2478.798 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2491.341 B: LAYER 3 Seq/Ack/Check = 0/0/36446: bi{iVD1|jWE2}3X03~LYG

Event Time = 2494.963 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2478.798 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2491.341 B: LAYER 3 Seq/Ack/Check = 0/0/36446: bi{iVD1|jWE2}3X03~LYG

Event Time = 2494.963 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2484.028 A: Timer

Event Time = 2491.341 B: LAYER 3 Seq/Ack/Check = 0/0/36446: bi{iVD1|jWE2}3X03~LYG

Event Time = 2494.963 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2520.721 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2491.341 B: LAYER 3 Seq/Ack/Check = 0/0/36446: bi{iVD1|jWE2}3X03~LYG

Event Time = 2494.963 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2504.859 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

Event Time = 2520.721 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2494.963 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2496.767 A: Timer

Event Time = 2504.859 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

Event Time = 2520.721 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2496.767 A: Timer  
Event Time = 2504.859 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789  
Event Time = 2520.721 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2504.859 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789  
Event Time = 2520.721 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2521.196 A: LAYER 3 Seq/Ack/Check = 905969664/1/21166:  
123457890123456789  
Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2509.505 A: Timer  
Event Time = 2520.721 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2521.196 A: LAYER 3 Seq/Ack/Check = 905969664/1/21166:  
123457890123456789  
Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Printing the contents of the Simulation Event Q

Event Time = 2520.721 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2521.196 A: LAYER 3 Seq/Ack/Check = 905969664/1/21166:  
123457890123456789  
Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-, +\*)(' & % \$ # 1 ~ } | {

Printing the contents of the Simulation Event Q

Event Time = 2521.196 A: LAYER 3 Seq/Ack/Check = 905969664/1/21166:  
123457890123456789  
Event Time = 2522.244 A: Timer  
Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-, +\*)(' & % \$ # 1 ~ } | {

Printing the contents of the Simulation Event Q

Event Time = 2522.244 A: Timer  
Event Time = 2524.212 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789  
Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-, +\*)(' & % \$ # 1 ~ } | {

Printing the contents of the Simulation Event Q

Event Time = 2524.212 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789  
Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG  
Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-, +\*)(' & % \$ # 1 ~ } | {

Event Time = 2585.744 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10}.-,+\*)( '&\$\$#1~x|{

Printing the contents of the Simulation Event Q

Event Time = 2534.983 A: Timer

Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2585.744 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10}.-,+\*)( '&\$\$#1~x|{

Event Time = 2600.593 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Printing the contents of the Simulation Event Q

Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2585.744 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10}.-,+\*)( '&\$\$#1~x|{

Event Time = 2600.593 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2626.290 B: LAYER 3 Seq/Ack/Check = 1/0/28714: 10x.-,+1)( '&\$\$#1~}|{

Printing the contents of the Simulation Event Q

Event Time = 2550.582 B: LAYER 3 Seq/Ack/Check = 0/0/36446: d{iVD1|jWE2}2X03~LYG

Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2585.744 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10}.-,+\*)( '&\$\$#1~x|{

Event Time = 2600.593 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2626.290 B: LAYER 3 Seq/Ack/Check = 1/0/28714: 10x.-,+1)( '&\$\$#1~}|{

Event Time = 2650.178 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)(1 '&\$\$#(~)|{

Printing the contents of the Simulation Event Q

Event Time = 2560.460 A: Timer

Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2585.744 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10}.-,+\*)( '&\$\$#1~x|{

Event Time = 2600.593 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2626.290 B: LAYER 3 Seq/Ack/Check = 1/0/28714: 10x.-,+1)( '&\$\$#1~}|{

Event Time = 2650.178 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)(1 '&\$\$#(~)|{

Printing the contents of the Simulation Event Q

Event Time = 2569.587 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2571.346 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567898123456709

Event Time = 2585.744 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10}.-,+\*)( '&\$\$#1~x|{

Event Time = 2600.593 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

Event Time = 2626.290 B: LAYER 3 Seq/Ack/Check = 1/0/28714: 10x.-,+1)( '&\$\$#1~}|{

Event Time = 2650.178 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)(1 '&\$\$#(~)|{

Printing the contents of the Simulation Event Q

Event Time = 2571.346 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567898123456709

Event Time = 2573.199 A: Timer

Event Time = 2585.744 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10}.-,+\*)( '&\$\$#1~x|{  
Event Time = 2600.593 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{  
Event Time = 2626.290 B: LAYER 3 Seq/Ack/Check = 1/0/28714: 10x.-,+1)( '&\$\$#1~}|{  
Event Time = 2650.178 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)1 '&\$\$#(~}|{  
Event Time = 2673.913 B: LAYER 3 Seq/Ack/Check = 1/0/28721: 10x.-,+\*)( '&\$\$#1~}|{

B: 2569.5868, Layer 4 to 5 Message = 10x.-,+\*)( '&\$\$#1~}|{  
B: 2832.5799, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR  
B: 3029.8900, Layer 4 to 5 Message = 3Uw;^!Df\*Ln2Tv:]~3e)  
B: 3226.7180, Layer 4 to 5 Message = 4f=qGzP&Yxc8lB3K~T4^  
B: 3378.9957, Layer 4 to 5 Message = 5zbI0u]D+pW>&kR9~fM5  
B: 3523.4210, Layer 4 to 5 Message = 6x(~wpibZSLE=6x(~wpi  
B: 3727.9310, Layer 4 to 5 Message = d7LVaku!,6AK2`jt~+5?  
B: 3898.2285, Layer 4 to 5 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt  
B: 4027.6557, Layer 4 to 5 Message = 9g693a0^~Z\*w'T\$Q~N{K  
B: 4203.4211, Layer 4 to 5 Message = :yZ;:[<{]=|^>}\_?~`A!  
B: 4411.4663, Layer 4 to 5 Message = ;.~qd;I;.~qdVI;.~qdV  
B: 4516.7943, Layer 4 to 5 Message = <AEIMQ<Y^bfjnrvz~%)~  
B: 4680.2328, Layer 4 to 5 Message = =fi~6Lb=xEZp(=3i~6Lb  
B: 4775.0779, Layer 4 to 5 Message = dfxV}Gn7>(0v2g0W~Ho8  
B: 4838.4318, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~Y4m  
B: 4893.2409, Layer 4 to 5 Message = A~wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4908.661 B: LAYER 3 Seq/Ack/Check = 0/-1996488704/43:

A~wdP<)s`LA%o[H4~kWD

Event Time = 4915.125 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A~wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4915.125 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A~wdP<)s`LA%o[H4~kWD

Event Time = 4917.126 A: Timer

Event Time = 4944.763 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A~wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4917.126 A: Timer

Event Time = 4944.763 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A~wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4944.763 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A~wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4944.763 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A~wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4944.763 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A-wdP<)s`LA%o[H4~kWD  
Event Time = 4955.071 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A-wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4955.071 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A-wdP<)s`LA%o[H4~kWD  
Event Time = 4955.342 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 4955.342 A: Timer

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Event Time = 4968.080 A: Timer

Printing the contents of the Simulation Event Q

Printing the contents of the Simulation Event Q

Event Time = 4984.136 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A-wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 4993.558 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 5000.453 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

Printing the contents of the Simulation Event Q

Event Time = 5006.297 A: Timer

Event Time = 5023.799 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A-wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 5023.799 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A-wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 5023.799 B: LAYER 3 Seq/Ack/Check = 0/0/35115: A-wdP<)s`LA%o[H4~kWD

Event Time = 5049.672 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?9;=7531x-B)'%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 5031.774 A: Timer

Event Time = 5049.672 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?9;=7531x-B) '%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 5049.672 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?9;=7531x-B) '%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 5049.672 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?9;=7531x-B) '%#~|zx

Event Time = 5061.766 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?=:97531x-B) '%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 5057.252 A: Timer

Event Time = 5061.766 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?=:97531x-B) '%#~|zx

Event Time = 5078.248 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?=:97531x-B) '%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 5061.766 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?=:97531x-B) '%#~|zx

Event Time = 5078.248 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?=:97531x-B) '%#~|zx

Printing the contents of the Simulation Event Q

Event Time = 5069.990 A: Timer

Event Time = 5078.248 B: LAYER 3 Seq/Ack/Check = 1/0/31498: B?=:97531x-B) '%#~|zx

Event Time = 5091.759 B: LAYER 3 Seq/Ack/Check = 1/0/956332810: B?=:7531x-B) '%#~|zx

B: 5061.7658, Layer 4 to 5 Message = B?=:97531x-B) '%#~|zx

B: 5120.9393, Layer 4 to 5 Message = CRbq#2BQap!1CP`o~0?0

B: 5253.6004, Layer 4 to 5 Message = De(Ij-No2St7XD<^~Bc&

B: 5389.9933, Layer 4 to 5 Message = EwL~S(Zxb6i=pEEL~S(Z

B: 5446.4465, Layer 4 to 5 Message = d,pV<#gM3w^D2nTF~eK1

B: 5507.7630, Layer 4 to 5 Message = Gf6.&{skcZRJB93)Gvnf

B: 5694.7705, Layer 4 to 5 Message = HQZdmv!+4=GPYclu~H3<

B: 5806.8393, Layer 4 to 5 Message = Id~;Vq.Id~;Vq.Id~;Iq

B: 5994.6455, Layer 4 to 5 Message = JvEq?l:g5b0]+W&R~MyJ

B: 6171.7728, Layer 4 to 5 Message = K+iI)gG'eE%cC#aA~>|

B: 6269.6583, Layer 4 to 5 Message = LLx~pbSE6(wiZL=x~pbS

B: 6352.4878, Layer 4 to 5 Message = dPMVY]`cfilo2ux{~\$'\*

B: 6453.6585, Layer 4 to 5 Message = NcwNCWl#7Lau,AUj~5J\_

B: 6550.0866, Layer 4 to 5 Message = Ou=d0RxAgxU{Dj2X~Gm5

B: 6700.6040, Layer 4 to 5 Message = Pfb;sP'\_8pJ\$[53G~X2j

B: 6873.4657, Layer 4 to 5 Message = Q<(q)HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6887.243 A: LAYER 3 Seq/Ack/Check = 13824/1/21166: 123456789012345789



Event Time = 6901.748 B: LAYER 3 Seq/Ack/Check = 0/6946816/36343: Q<(q]HQ|hS>\*s\_J5~UA  
Event Time = 6928.419 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6891.629 A: Timer  
Event Time = 6901.748 B: LAYER 3 Seq/Ack/Check = 0/6946816/36343: Q<(q]HQ|hS>\*s\_J5~UA  
Event Time = 6928.419 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6901.748 B: LAYER 3 Seq/Ack/Check = 0/6946816/36343: Q<(q]HQ|hS>\*s\_J5~UA  
Event Time = 6928.419 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6904.368 A: Timer  
Event Time = 6928.419 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6928.419 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6928.419 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6929.845 A: Timer  
Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6957.776 B: LAYER 3 Seq/Ack/Check = 0/0/20983: ?<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6968.061 A: Timer  
Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6978.533 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6980.800 A: Timer  
Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6982.087 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 6993.487 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234576890123456789  
Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6993.487 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234576890123456789  
Event Time = 6993.539 A: Timer

Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 6993.539 A: Timer  
Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7018.754 A: LAYER 3 Seq/Ack/Check = 0/1/21049: 123456789012345678?  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7018.754 A: LAYER 3 Seq/Ack/Check = 0/1/21049: 123456789012345678?  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 7012.510 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7018.754 A: LAYER 3 Seq/Ack/Check = 0/1/21049: 123456789012345678?  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 7018.754 A: LAYER 3 Seq/Ack/Check = 0/1/21049: 123456789012345678?  
Event Time = 7019.016 A: Timer  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7036.045 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ5hS>\*s\_J|~jUA

Printing the contents of the Simulation Event Q

Event Time = 7019.016 A: Timer  
Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7031.465 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789  
Event Time = 7036.045 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ5hS>\*s\_J|~jUA

Printing the contents of the Simulation Event Q

Event Time = 7030.930 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ|hS>\*s\_J5~jUA  
Event Time = 7031.465 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789  
Event Time = 7036.045 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ5hS>\*s\_J|~jUA

Printing the contents of the Simulation Event Q

Event Time = 7031.465 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789  
Event Time = 7031.755 A: Timer  
Event Time = 7036.045 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ5hS>\*s\_J|~jUA

Printing the contents of the Simulation Event Q

Event Time = 7031.755 A: Timer

Event Time = 7036.045 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ5hS>\*s\_J|~jUA

Event Time = 7054.934 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

Printing the contents of the Simulation Event Q

Event Time = 7036.045 B: LAYER 3 Seq/Ack/Check = 0/0/36343: Q<(q]HQ5hS>\*s\_J|~jUA

Event Time = 7054.934 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

Printing the contents of the Simulation Event Q

Event Time = 7040.411 B: LAYER 3 Seq/Ack/Check = 1/0/32059: R0LIFC?R9630-\*'\$~{xu

Event Time = 7044.494 A: Timer

Event Time = 7054.934 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

Printing the contents of the Simulation Event Q

Event Time = 7044.494 A: Timer

Event Time = 7054.934 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

Event Time = 7083.711 A: LAYER 3 Seq/Ack/Check = 0/1/21166: 1234567890123456789

B: 7040.4109, Layer 4 to 5 Message = R0LIFC?R9630-\*'\$~{xu

B: 7137.4487, Layer 4 to 5 Message = Sbp~x=LZSw(6ESbp~x=L

B: 7257.7134, Layer 4 to 5 Message = dt6Vv8Xx:Tz<2|>\_~Aa#

Simulator terminated at time 7260.120949

after receiving 50 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 54

Number of messages received at Layer 5, side A: 0

Number of messages received at Layer 5, side B: 50

Number of messages incorrectly received at layer 5: 0

Number of packets entering the network: 1246

Average number of packets already in network: 2.878

Number of packets that the network lost: 600

Number of packets that the network corrupted: 311

Number of packets that the network put out of order: 0