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rakes@RakeshDell /cygdrive/d/Classes/aaaCS 3516/Project
2/rveetekat_project2_ABP/Project_2_A20/Project2
$ ./project2
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----- 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]: .1
Packet corruption probability [0.0 for no corruption]: 0
Packet out-of-order probability [0.0 for no out-of-order]: 0
Average time between messages from sender's layer5 [ > 0.0]: 2
Enter Level of tracing desired: 0
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. = 0.100
Corrupt Packet Prob. = 0.000 Out Of Order Prob. = 0.000
Ave. time between messages = 2.00 Trace level = 0
Randomize = 1 Bi-directional = 0
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A: 3.8674, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU
A: 6.8262, Layer 5 to 4 Message = ##i.Qt9]!Eh-Ps8[~Dg,
B: 7.8844, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU
A: 10.3717, Layer 5 to 4 Message = $X$d:oFzQ([3h>sJ~U,a
A: 12.6023, Layer 5 to 4 Message = %kS%$jR:#iQ9!hP8~gO7
A: 15.5202, Layer 5 to 4 Message = &}wq&e_XRLF?93-'~xrl
A: 19.2153, Layer 5 to 4 Message = '2=IT'kv$x:FQ]hs~,7C
A: 23.1645, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
A: 24.7367, Layer 5 to 4 Message = dW(V'U&)%S$R2Q!P~O}N
B: 26.6574, Layer 4 to 5 Message = ##i.Qt9]!Eh-Ps8[~Dg,
A: 28.3783, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%
A: 30.8753, Layer 5 to 4 Message = +fpdWK>2&+k_RF3~rfY
A: 33.8779, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0
A: 35.0117, Layer 5 to 4 Message = -DZq*AWn'=T-$:Qh~7Ne
A: 37.6735, Layer 5 to 4 Message = .V~lq;d.V~lq.d.V~lq;
A: 39.9352, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p
A: 43.1047, Layer 5 to 4 Message = d{iVD1|jWE2}2X03~IYG
A: 44.5625, Layer 5 to 4 Message = 10x.-,+*)('&%$#1~)}{
A: 46.8429, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR
A: 48.4675, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)
A: 49.2444, Layer 5 to 4 Message = 4f=qGzP&Yxc8IB3K~T4^
A: 51.3616, Layer 5 to 4 Message = 5zbl0u]D+pW>&kR9~fM5
A: 51.6140, Layer 5 to 4 Message = 6x(~wpibZSLE=6x(~wpi
A: 52.8637, Layer 5 to 4 Message = d7LVaku!,6AK2`jt~+5?
A: 56.3633, Layer 5 to 4 Message = 8T8.Jf$?[w5Qm+Gc~<Xt
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A: 58.8633, Layer 5 to 4 Message = 9g693a0^-Z*W'T\$Q~N{K
A: 60.6938, Layer 5 to 4 Message = :yZ;:[<{|^>}_?~`A!
A: 61.5742, Layer 5 to 4 Message = ;.~qd;l;.~qdVl;.~qdV
A: 62.6424, Layer 5 to 4 Message = <AEIMQ<Y^bfjnrVz~%)-
A: 62.8322, Layer 5 to 4 Message = =fi~6Lb=xEZp(=3i~6Lb
A: 64.7279, Layer 5 to 4 Message = dfxV}Gn7>(Ov2g0W~Ho8
A: 66.6080, Layer 5 to 4 Message = ?xS.gBzU0?D|W2kF~Y4m
A: 69.1375, Layer 5 to 4 Message = A-wdP<)s`LA%o[H4~kWD
A: 70.2184, Layer 5 to 4 Message = B?=:97531x-B)'%#~|zx
A: 74.0281, Layer 5 to 4 Message = CRbq#2BQap!1CP`o~0?O
A: 75.3377, Layer 5 to 4 Message = De(lj-No2St7XD<^~Bc&
A: 77.2882, Layer 5 to 4 Message = EwL~S(Zxb6i=pEEL~S(Z
A: 78.9236, Layer 5 to 4 Message = d,pV<#gM3w^D2nTF~eK1
A: 81.6818, Layer 5 to 4 Message = Gf6.&{skcZRJB93)Gvnf
A: 82.5410, Layer 5 to 4 Message = HQZdmv!+4=GPYclu~H3<
A: 83.5388, Layer 5 to 4 Message = Id~;Vq.Id~;Vq.Id~;lq
A: 84.4240, Layer 5 to 4 Message = JvEq?!:g5b0]+W&R~MyJ
A: 86.2134, Layer 5 to 4 Message = K+il)gG'eE%cC#aA~_>|
A: 89.7809, Layer 5 to 4 Message = LLx~pbSE6(wiZL=x~pbS
A: 92.0819, Layer 5 to 4 Message = dPMVY]`cfilo2ux{~\$*
A: 92.5956, Layer 5 to 4 Message = NcwNCWI#7Lau,AUj~5J_
A: 95.0671, Layer 5 to 4 Message = Ou=dORxAgxU{Dj2X~Gm5
A: 97.5751, Layer 5 to 4 Message = Pfb;sP'_8pJ\$[53G~X2j
A: 100.4973, Layer 5 to 4 Message = Q<(q]HQ[hS>*s_J5~jUA
A: 102.0739, Layer 5 to 4 Message = ROLIFC?R9630-*\$~{xu
A: 104.7401, Layer 5 to 4 Message = Sbp~x=LZSw(6ESbp~x=L
A: 107.5981, Layer 5 to 4 Message = dt6Vv8Xx:Tz<2|>_~Aa#
A: 110.4536, Layer 5 to 4 Message = U)Z.`3e8j=UCtHyM~R&W
A: 114.1627, Layer 5 to 4 Message = V;~dl.qV;~dV.qV;~dl.
A: 116.3595, Layer 5 to 4 Message = WNE;2)}}tkbXOW<3*~ulc
A: 118.6841, Layer 5 to 4 Message = Xaiqy\$,4<EMU^Xnv~)19
A: 120.8467, Layer 5 to 4 Message = Yfxlc]8RI(B[u1Ye~:Tn
B: 1071.2749, Layer 4 to 5 Message = \$X\$d:oFzQ([3h>sJ~U,a
B: 1121.1922, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7
B: 1130.3860, Layer 4 to 5 Message = &}wq&e_XRLF?93-'~xrl
B: 1180.8384, Layer 4 to 5 Message = '2=IT'kv\$x:FQ]hs~,7C
B: 1222.0029, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw
B: 1236.4621, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~O}N
B: 1274.4546, Layer 4 to 5 Message = *jL.nP2r*6vX:z]>~aC%
B: 1286.4039, Layer 4 to 5 Message = +fpdWK>2&+k_RF3~~rfY
B: 1321.3968, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0
B: 2359.6083, Layer 4 to 5 Message = -DZq*AWn'=T-\$:Qh~7Ne
B: 2397.3494, Layer 4 to 5 Message = .V~lq;d.V~lq.d.V~lq;
B: 3406.0325, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p

B: 3441.0066, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~IYG

Printing the contents of the Simulation Event Q

Event Time = 4434.556 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 4454.616 A: Timer

B: 3472.3575, Layer 4 to 5 Message = 10x.-,+*)('&%\$#1~}{
B: 3515.2669, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR
B: 3556.0432, Layer 4 to 5 Message = 3Uw;^!Df*Ln2Tv:]~3e)
B: 3560.2288, Layer 4 to 5 Message = 4f=qGzP&Yxc8IB3K~T4^
B: 3617.7988, Layer 4 to 5 Message = 5zbl0u]D+pW>&kR9~fM5
B: 3667.2033, Layer 4 to 5 Message = 6x(~wpibZSLE=6x(~wpi
B: 3673.1911, Layer 4 to 5 Message = d7LVaku!,6AK2`jt~+5?
B: 4730.9365, Layer 4 to 5 Message = 8T8.Jf\$?[w5Qm+Gc~<Xt
B: 4791.6613, Layer 4 to 5 Message = 9g693a0^-Z*W'T\$Q~N{K
B: 4824.4053, Layer 4 to 5 Message = :yZ;:[<[|=|^>}_?~`A!
B: 5851.3721, Layer 4 to 5 Message = ;.~qd;l;.~qdVl;.~qdV
B: 5903.8325, Layer 4 to 5 Message = <AEIMQ<Y^bfjnrvz~%)-
B: 5927.3983, Layer 4 to 5 Message = =fi~6Lb=xEZp(=3i~6Lb
B: 5946.0386, Layer 4 to 5 Message = dfxV}Gn7>(Ov2g0W~Ho8
B: 5986.3091, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~Y4m
B: 6019.0289, Layer 4 to 5 Message = A-wdP<)s`LA%o[H4~kWD

Printing the contents of the Simulation Event Q

Event Time = 6997.688 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 7048.978 A: Timer

B: 6055.6399, Layer 4 to 5 Message = B?=:97531x-B)'%#~|zx
B: 7093.2767, Layer 4 to 5 Message = CRbq#2BQap!1CP`o~0?O
B: 7143.8997, Layer 4 to 5 Message = De(lj-No2St7XD<^~Bc&
B: 7165.3748, Layer 4 to 5 Message = EwL~S(Zxb6i=pEEL~S(Z
B: 7203.0496, Layer 4 to 5 Message = d,pV<#gM3w^D2nTF~eK1
B: 7209.3322, Layer 4 to 5 Message = Gf6.&{skcZRJB93)Gvnf
B: 7234.0169, Layer 4 to 5 Message = HQZdmv!+4=GPYclu~H3<
B: 8247.1666, Layer 4 to 5 Message = Id~;Vq.Id~;Vq.Id~;lq
B: 9254.0676, Layer 4 to 5 Message = JvEq?!:g5b0]+W&R~MyJ
B: 10287.6082, Layer 4 to 5 Message = K+il)gG'eE%cC#aA~_>|
B: 10371.4728, Layer 4 to 5 Message = LLx~pbSE6(wiZL=x~pbS

B: 10428.1162, Layer 4 to 5 Message = dPMVY]`cfilo2ux{~\$'*
B: 11477.5044, Layer 4 to 5 Message = NcwNCWI#7Lau,AUj~5J_
B: 11537.1579, Layer 4 to 5 Message = Ou=dORxAgxU{Dj2X~Gm5
B: 11554.1195, Layer 4 to 5 Message = Pfb;sP'_8pJ\$[53G~X2j
B: 12618.6686, Layer 4 to 5 Message = Q<(q]HQ|hS>*s_J5~jUA

Printing the contents of the Simulation Event Q

Event Time = 12626.899 A: LAYER 3 Seq/Ack/Check = 1/0/52544: Q<(q]HQ|hS>*s_J5~jUA

Event Time = 13594.205 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 13594.205 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 13626.899 A: Timer

B: 12639.8179, Layer 4 to 5 Message = ROLIFC?R9630-*\$~{xu
B: 12682.7293, Layer 4 to 5 Message = Sbp~x=LZSw(6ESbp~x=L
B: 13714.3025, Layer 4 to 5 Message = dt6Vv8Xx:Tz<2|>_~Aa#

Simulator terminated at time 13722.661079

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: 149

Average number of packets already in network: 0.228

Number of packets that the network lost: 16

Number of packets that the network corrupted: 0

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