

ABGtrace-1.txt

```
PS C:\WPI Files\CS3516\Project2\Project2\ABG> make clean
rm -f p2.exe
PS C:\WPI Files\CS3516\Project2\Project2\ABG> make
gcc -g project2.c student2.c -o p2
PS C:\WPI Files\CS3516\Project2\Project2\ABG> ./p2 100 .2 0 0 200 0 0 0
----- Network Simulator Version 2.3 -----
```

Input parameters:

```
Number of Messages = 100  Lost Packet Prob. = 0.200
Corrupt Packet Prob. = 0.000  Out Of Order Prob. = 0.000
Ave. time between messages = 200.00  Trace level = 0
Randomize = 0  Bi-directional = 0
```

```
A: 216.0067, Layer 5 to 4 Message = !fEVhy->Pbs'2J3m~2DU
B: 224.2809, Layer 4 to 5 Message = !fEVhy->Pbs'2J3m~2DU
A: 240.9557, Layer 5 to 4 Message = ##i.Qt9)!Eh-Ps8[~Dg,
A: 252.3999, Layer 5 to 4 Message = $X$d:oFzQ([3h>sJ~U,a
B: 261.5134, Layer 4 to 5 Message = ##i.Qt9)!Eh-Ps8[~Dg,
B: 289.9173, Layer 4 to 5 Message = $X$d:oFzQ([3h>sJ~U,a
A: 301.4117, Layer 5 to 4 Message = %kS%$jR:#iQ9!hP8~gO7
A: 309.0624, Layer 5 to 4 Message = &}wq&e_XRLF?93-'~xr1
B: 322.8189, Layer 4 to 5 Message = %kS%$jR:#iQ9!hP8~gO7
B: 324.7780, Layer 4 to 5 Message = &}wq&e_XRLF?93-'~xr1
A: 620.6769, Layer 5 to 4 Message = '2=IT'kv$x:FQ]hs~,7C
B: 663.2048, Layer 4 to 5 Message = '2=IT'kv$x:FQ]hs~,7C
A: 706.0831, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
B: 815.6763, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw
A: 1029.3581, Layer 5 to 4 Message = dW(V'U&)%S$R2Q!P~O}N
B: 1092.4281, Layer 4 to 5 Message = dW(V'U&)%S$R2Q!P~O}N
A: 1401.5966, Layer 5 to 4 Message = *jL.nP2r*6vX:z]>~aC%
B: 1424.3647, Layer 4 to 5 Message = *jL.nP2r*6vX:z]>~aC%
A: 1705.2644, Layer 5 to 4 Message = +fpdWK>2&+k_RF3~rFY
B: 1733.6495, Layer 4 to 5 Message = +fpdWK>2&+k_RF3~rFY
A: 1948.6728, Layer 5 to 4 Message = ,16;AFKPUZ,ejoty~&+0
B: 1980.8870, Layer 4 to 5 Message = ,16;AFKPUZ,ejoty~&+0
A: 2315.3765, Layer 5 to 4 Message = -DZq*AwN'=T-$:Qh~7Ne
B: 2324.4279, Layer 4 to 5 Message = -DZq*AwN'=T-$:Qh~7Ne
A: 2579.5736, Layer 5 to 4 Message = .V~Iq;d.V~Iq.d.V~Iq;
B: 2587.4262, Layer 4 to 5 Message = .V~Iq;d.V~Iq.d.V~Iq;
A: 2878.5110, Layer 5 to 4 Message = xiE~Z6pL(b=wSxiE~Z6p
B: 2893.3066, Layer 4 to 5 Message = xiE~Z6pL(b=wSxiE~Z6p
A: 3124.5329, Layer 5 to 4 Message = d{iVD1|jWE2}2X03~lYG
B: 3139.2744, Layer 4 to 5 Message = d{iVD1|jWE2}2X03~lYG
A: 3329.5158, Layer 5 to 4 Message = 10x.-,+)('&%$#1~}|{
B: 3358.4676, Layer 4 to 5 Message = 10x.-,+)('&%$#1~}|{
A: 3632.0986, Layer 5 to 4 Message = 2CSdt'7HXiy,<M^n21BR
B: 3651.7375, Layer 4 to 5 Message = 2CSdt'7HXiy,<M^n21BR
A: 3965.0535, Layer 5 to 4 Message = 3Uw;^!Df*Ln2Tv:]~3e)
B: 3985.9419, Layer 4 to 5 Message = 3Uw;^!Df*Ln2Tv:]~3e)
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A: 4222.1423, Layer 5 to 4 Message = 4f=qGzP&Yxc8lB3K~T4^
A: 4237.4521, Layer 5 to 4 Message = 5zbI0u]D+pW>&kR9~fM5
B: 4242.1252, Layer 4 to 5 Message = 4f=qGzP&Yxc8lB3K~T4^
B: 4257.5706, Layer 4 to 5 Message = 5zbI0u]D+pW>&kR9~fM5
A: 4617.5392, Layer 5 to 4 Message = 6x(~wpibZSLE=6x(~wpi
B: 4626.4990, Layer 4 to 5 Message = 6x(~wpibZSLE=6x(~wpi
A: 4870.2779, Layer 5 to 4 Message = d7LVaku!,6AK2`jt~+5?
B: 4872.9172, Layer 4 to 5 Message = d7LVaku!,6AK2`jt~+5?
A: 5056.1360, Layer 5 to 4 Message = 8T8.Jf$?[w5Qm+Gc~<Xt
B: 5082.2434, Layer 4 to 5 Message = 8T8.Jf$?[w5Qm+Gc~<Xt
A: 5394.3187, Layer 5 to 4 Message = 9g693a0^-Z*W'T$Q~N{K
B: 5418.9084, Layer 4 to 5 Message = 9g693a0^-Z*W'T$Q~N{K
A: 5745.1217, Layer 5 to 4 Message = :yZ;:[<{]=|^>}_?~`A!
B: 5751.3837, Layer 4 to 5 Message = :yZ;:[<{]=|^>}_?~`A!
A: 5963.7989, Layer 5 to 4 Message = ;.~qd;I;.~qdVI;.~qdV
B: 5995.7813, Layer 4 to 5 Message = ;.~qd;I;.~qdVI;.~qdV
A: 6157.3533, Layer 5 to 4 Message = <AEIMQ<Y^bfjnrVz~%)-
B: 6183.0821, Layer 4 to 5 Message = <AEIMQ<Y^bfjnrVz~%)-
A: 6273.1329, Layer 5 to 4 Message = =fi~6Lb=xEZp(=3i~6Lb
A: 6315.2199, Layer 5 to 4 Message = dfxV}Gn7>(Ov2g0W~Ho8
B: 6315.6883, Layer 4 to 5 Message = =fi~6Lb=xEZp(=3i~6Lb
B: 6396.8807, Layer 4 to 5 Message = dfxV}Gn7>(Ov2g0W~Ho8
A: 6627.3262, Layer 5 to 4 Message = ?xS.gBzU0?D|W2kF~Y4m
B: 6640.8487, Layer 4 to 5 Message = ?xS.gBzU0?D|W2kF~Y4m
A: 6773.8518, Layer 5 to 4 Message = A-wdP<)s`LA%o[H4~kWD
B: 6781.0961, Layer 4 to 5 Message = A-wdP<)s`LA%o[H4~kWD
A: 6793.4718, Layer 5 to 4 Message = B?=:;97531x-B)'%#~|zx
B: 6831.6381, Layer 4 to 5 Message = B?=:;97531x-B)'%#~|zx

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Printing the contents of the Simulation Event Q

Event Time = 6851.558 B: LAYER 3 Seq/Ack/Check = 0/0/1294272078:

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

Event Time = 6857.975 A: Timer

Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 6883.568 A: Timer

Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 6883.568 A: Timer

Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 6907.527 A: Timer

Event Time = 7079.452 A: LAYER 5

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Printing the contents of the Simulation Event Q
Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 6957.527 A: Timer
Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 7007.527 A: Timer
Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 7057.527 A: Timer
Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 7057.527 A: Timer
Event Time = 7079.452 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 7087.101 A: Timer

A: 7079.4516, Layer 5 to 4 Message = CRbq#2BQap!1CP`o~0?0

Printing the contents of the Simulation Event Q
Event Time = 7087.127 B: LAYER 3 Seq/Ack/Check = 0/0/1261241874:
CRbq#2BQap!1CP`o~0?0
Event Time = 7290.310 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 7102.798 B: LAYER 3 Seq/Ack/Check = 0/0/1261241874:
CRbq#2BQap!1CP`o~0?0
Event Time = 7137.101 A: Timer

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Event Time = 7290.310 A: LAYER 5

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B: 7087.1267, Layer 4 to 5 Message = CRbq#2BQap!1CP`o~0?0
A: 7290.3102, Layer 5 to 4 Message = De(Ij-No2St7XD<^~Bc&
B: 7293.7741, Layer 4 to 5 Message = De(Ij-No2St7XD<^~Bc&
A: 7445.7633, Layer 5 to 4 Message = EwL~S(Zxb6i=pEEL~S(Z
B: 7452.6455, Layer 4 to 5 Message = EwL~S(Zxb6i=pEEL~S(Z
A: 7525.3621, Layer 5 to 4 Message = d,pV<#gM3w^D2nTF~eK1
B: 7548.1729, Layer 4 to 5 Message = d,pV<#gM3w^D2nTF~eK1
A: 7598.3712, Layer 5 to 4 Message = Gf6.&{skcZRJB93)Gvnf
B: 7643.3055, Layer 4 to 5 Message = Gf6.&{skcZRJB93)Gvnf
A: 7748.1598, Layer 5 to 4 Message = HQZdmv!+4=GPYclu~H3<
B: 7751.9077, Layer 4 to 5 Message = HQZdmv!+4=GPYclu~H3<
A: 7866.8196, Layer 5 to 4 Message = Id~;Vq.Id~;Vq.Id~;Iq
B: 7872.8664, Layer 4 to 5 Message = Id~;Vq.Id~;Vq.Id~;Iq
A: 8047.7794, Layer 5 to 4 Message = JvEq?l:g5b0]+W&R~MyJ
B: 8086.0971, Layer 4 to 5 Message = JvEq?l:g5b0]+W&R~MyJ
A: 8222.9793, Layer 5 to 4 Message = K+iI)gG'eE%cC#aA~_|
A: 8362.6869, Layer 5 to 4 Message = LLx~pbSE6(wiZL=x~pbS
A: 8375.1905, Layer 5 to 4 Message = dPMVY)`cfilo2ux{~$'*
B: 8391.9019, Layer 4 to 5 Message = K+iI)gG'eE%cC#aA~_|
B: 8468.4141, Layer 4 to 5 Message = LLx~pbSE6(wiZL=x~pbS
B: 8618.9342, Layer 4 to 5 Message = dPMVY)`cfilo2ux{~$'*
A: 8659.3754, Layer 5 to 4 Message = NcwNCWl#7Lau,AUj~5J_
B: 8669.2100, Layer 4 to 5 Message = NcwNCWl#7Lau,AUj~5J_
A: 8697.0919, Layer 5 to 4 Message = Ou=dORxAgxU{Dj2X~Gm5
B: 8737.7031, Layer 4 to 5 Message = Ou=dORxAgxU{Dj2X~Gm5
A: 9061.3750, Layer 5 to 4 Message = Pfb;sP'_8pJ$[53G~X2j
B: 9096.9599, Layer 4 to 5 Message = Pfb;sP'_8pJ$[53G~X2j
A: 9358.5417, Layer 5 to 4 Message = Q<(q)HQ|hS>*s_J5~jUA
A: 9478.4721, Layer 5 to 4 Message = ROLIFC?R9630-*'$~{xu
B: 9487.6110, Layer 4 to 5 Message = Q<(q)HQ|hS>*s_J5~jUA
A: 9652.2533, Layer 5 to 4 Message = Sbp~x=LZSw(6ESbp~x=L
B: 9721.2642, Layer 4 to 5 Message = ROLIFC?R9630-*'$~{xu
B: 9762.1577, Layer 4 to 5 Message = Sbp~x=LZSw(6ESbp~x=L
A: 9909.7938, Layer 5 to 4 Message = dt6Vv8Xx:Tz<2|>~Aa#
B: 9927.0844, Layer 4 to 5 Message = dt6Vv8Xx:Tz<2|>~Aa#
A: 10234.5389, Layer 5 to 4 Message = U)Z.`3e8j=UCtHyM~R&W
A: 10248.4941, Layer 5 to 4 Message = V;~dI.qV;~dV.qV;~dI.
B: 10263.1504, Layer 4 to 5 Message = U)Z.`3e8j=UCtHyM~R&W
B: 10288.6829, Layer 4 to 5 Message = V;~dI.qV;~dV.qV;~dI.
A: 10620.3714, Layer 5 to 4 Message = WNE;2)}tkbXOW<3*~ulc
B: 10622.6392, Layer 4 to 5 Message = WNE;2)}tkbXOW<3*~ulc
A: 10968.9569, Layer 5 to 4 Message = Xaiqy$,4<EMU^Xnv~)19
B: 10995.5390, Layer 4 to 5 Message = Xaiqy$,4<EMU^Xnv~)19
A: 11091.5634, Layer 5 to 4 Message = YfxIc|8Rl(B[u1Ye~:Tn
B: 11117.2006, Layer 4 to 5 Message = YfxIc|8Rl(B[u1Ye~:Tn
A: 11458.8567, Layer 5 to 4 Message = Z(S~LwEp=i6bxZ(Z~LwE
B: 11507.6600, Layer 4 to 5 Message = Z(S~LwEp=i6bxZ(Z~LwE

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```
A: 11858.0084, Layer 5 to 4 Message = d:wV5rQ0mL+h2&cB[^<y
B: 11859.4025, Layer 4 to 5 Message = d:wV5rQ0mL+h2&cB[^<y
A: 11929.2616, Layer 5 to 4 Message = ]M=.|m^N>x}n_0?0~]`P
B: 11962.9231, Layer 4 to 5 Message = ]M=.|m^N>x}n_0?0~]`P
A: 12152.8214, Layer 5 to 4 Message = ^`bdfhjlnprtvxz|~#^'
B: 12175.3519, Layer 4 to 5 Message = ^`bdfhjlnprtvxz|~#^'
A: 12391.5134, Layer 5 to 4 Message = _r(;Ocv,?Sgz0DWk~4H_
B: 12433.3744, Layer 4 to 5 Message = _r(;Ocv,?Sgz0DWk~4H_
A: 12695.8725, Layer 5 to 4 Message = ` 'Lq8^%Jo6[#Hm4Y~Fk2
B: 12731.4476, Layer 4 to 5 Message = ` 'Lq8^%Jo6[#Hm4Y~Fk2
A: 13058.8631, Layer 5 to 4 Message = aapI!X1hAwP)`8oH~W0g
B: 13089.3535, Layer 4 to 5 Message = aapI!X1hAwP)`8oH~W0g
A: 13123.7795, Layer 5 to 4 Message = bLb~iS=(pZExwbL6~iS=
B: 13148.8422, Layer 4 to 5 Message = bLb~iS=(pZExwbL6~iS=
A: 13340.4166, Layer 5 to 4 Message = dfZcRNJFB=952-3%~zvzr
A: 13392.2055, Layer 5 to 4 Message = dq~.dIVdq~.;IVdq~.;I
B: 13477.1944, Layer 4 to 5 Message = dfZcRNJFB=952-3%~zvzr
B: 13524.8603, Layer 4 to 5 Message = dq~.dIVdq~.;IVdq~.;I
```

Printing the contents of the Simulation Event Q

Event Time = 13549.437 A: LAYER 3 Seq/Ack/Check = 1/0/1498482406:
dq~.dIVdq~.;IVdq~.;I

Event Time = 13553.758 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13555.714 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:
dfZcRNJFB=952-3%~zvzr

Event Time = 13584.699 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13599.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13599.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13599.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

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Event Time = 13607.123 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr
Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 13619.910 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:
dfZcRNJFB=952-3%~zvr
Event Time = 13649.437 A: Timer
Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 13641.150 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:
dfZcRNJFB=952-3%~zvr
Event Time = 13649.437 A: Timer
Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 13646.248 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr
Event Time = 13649.437 A: Timer
Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 13649.437 A: Timer
Event Time = 13655.519 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr
Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 13655.519 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr
Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 13660.039 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:
dfZcRNJFB=952-3%~zvr
Event Time = 13699.437 A: Timer
Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 13699.437 A: Timer
Event Time = 13779.411 A: LAYER 5

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Printing the contents of the Simulation Event Q

Event Time = 13699.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13699.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13699.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13712.989 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13722.544 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13749.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13738.574 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13749.437 A: Timer

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13749.437 A: Timer

Event Time = 13754.161 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13754.161 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13757.338 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13779.411 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 13757.338 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13766.353 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13779.411 A: LAYER 5

Event Time = 13799.437 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 13766.353 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13779.411 A: LAYER 5

Event Time = 13788.095 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13799.437 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 13779.411 A: LAYER 5

Event Time = 13784.148 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13788.095 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13799.437 A: Timer

Printing the contents of the Simulation Event Q

Event Time = 13784.148 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13788.095 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13799.437 A: Timer

Event Time = 13810.747 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:

dfZcRNJFB=952-3%~zvr

A: 13779.4106, Layer 5 to 4 Message = e&Ed%ec\$Cb#Ba!A`~?_}

Printing the contents of the Simulation Event Q

Event Time = 13784.148 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13788.095 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:

dfZcRNJFB=952-3%~zvr

Event Time = 13795.469 B: LAYER 3 Seq/Ack/Check = 1/0/1210713613:

e&Ed%ec\$Cb#Ba!A`~?_}

Event Time = 13799.437 A: Timer

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Event Time = 13810.747 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr

A: 13782.9533, Layer 5 to 4 Message = f8i;l>fBrEuHxK{N~Q\$T

Printing the contents of the Simulation Event Q

Event Time = 13788.095 B: LAYER 3 Seq/Ack/Check = 1/0/1298859581:
dfZcRNJFB=952-3%~zvr

Event Time = 13795.469 B: LAYER 3 Seq/Ack/Check = 1/0/1210713613:
e&Ed%ec\$Cb#Ba!A`~?_}

Event Time = 13796.513 A: LAYER 5

Event Time = 13798.643 B: LAYER 3 Seq/Ack/Check = 0/0/1437468380:
f8i;l>fBrEuHxK{N~Q\$T

Event Time = 13799.437 A: Timer

Event Time = 13810.747 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr

Printing the contents of the Simulation Event Q

Event Time = 13795.469 B: LAYER 3 Seq/Ack/Check = 1/0/1210713613:
e&Ed%ec\$Cb#Ba!A`~?_}

Event Time = 13796.513 A: LAYER 5

Event Time = 13798.643 B: LAYER 3 Seq/Ack/Check = 0/0/1437468380:
f8i;l>fBrEuHxK{N~Q\$T

Event Time = 13799.437 A: Timer

Event Time = 13810.747 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr

Event Time = 13823.060 B: LAYER 3 Seq/Ack/Check = 1/0/1210713613:
e&Ed%ec\$Cb#Ba!A`~?_}

Printing the contents of the Simulation Event Q

Event Time = 13796.513 A: LAYER 5

Event Time = 13798.643 B: LAYER 3 Seq/Ack/Check = 0/0/1437468380:
f8i;l>fBrEuHxK{N~Q\$T

Event Time = 13799.437 A: Timer

Event Time = 13810.747 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr

Event Time = 13823.060 B: LAYER 3 Seq/Ack/Check = 1/0/1210713613:
e&Ed%ec\$Cb#Ba!A`~?_}

Event Time = 13836.397 A: LAYER 3 Seq/Ack/Check = 1/1/1298859581:
dfZcRNJFB=952-3%~zvr

B: 13795.4695, Layer 4 to 5 Message = e&Ed%ec\$Cb#Ba!A`~?_}

A: 13796.5132, Layer 5 to 4 Message = gKxqU9{gD(jN2tX<~cG+

B: 13798.6430, Layer 4 to 5 Message = f8i;l>fBrEuHxK{N~Q\$T

B: 13843.7310, Layer 4 to 5 Message = gKxqU9{gD(jN2tX<~cG+

A: 14157.0845, Layer 5 to 4 Message = h^SI>4*}hi_TJ?5+~tj`

B: 14176.8580, Layer 4 to 5 Message = h^SI>4*}hi_TJ?5+~tj`

ABGtrace-1.txt

A: 14406.5340, Layer 5 to 4 Message = ipw~(x6=EiSZbipw~(x6
B: 14422.0472, Layer 4 to 5 Message = ipw~(x6=EiSZbipw~(x6
A: 14538.5571, Layer 5 to 4 Message = d%=Vo*C[txja24Mf~9Rk
B: 14544.7189, Layer 4 to 5 Message = d%=Vo*C[txja24Mf~9Rk
A: 14664.5978, Layer 5 to 4 Message = k7b.X%OyFp<k3^*T~KuB
A: 14681.7626, Layer 5 to 4 Message = lf(dB}[9uS1m1)3C~]:v
B: 14692.7760, Layer 4 to 5 Message = k7b.X%OyFp<k3^*T~KuB
B: 14766.8294, Layer 4 to 5 Message = lf(dB}[9uS1m1)3C~]:v
A: 15081.4558, Layer 5 to 4 Message = m]L;+xhWG6&scmB1~n^M
B: 15111.4344, Layer 4 to 5 Message = m]L;+xhWG6&scmB1~n^M
A: 15307.9339, Layer 5 to 4 Message = nopqrstuvwxyz{n}~!#\$
B: 15331.6840, Layer 4 to 5 Message = nopqrstuvwxyz{n}~!#\$
A: 15665.5085, Layer 5 to 4 Message = o\$6I[n#5HZm!4GYo~3FX
B: 15690.3122, Layer 4 to 5 Message = o\$6I[n#5HZm!4GYo~3FX
A: 16064.8720, Layer 5 to 4 Message = p6Z~EixSw=b(Lp6ZpEix
A: 16170.5224, Layer 5 to 4 Message = dI~V.d;qI~V.2;qI~q.d
B: 16200.7678, Layer 4 to 5 Message = p6Z~EixSw=b(Lp6ZpEix
B: 16218.4431, Layer 4 to 5 Message = dI~V.d;qI~V.2;qI~q.d
A: 16263.1980, Layer 5 to 4 Message = r[E.u_H1xbK4{eN7~hr:
B: 16359.9090, Layer 4 to 5 Message = r[E.u_H1xbK4{eN7~hr:
A: 16654.5856, Layer 5 to 4 Message = snid_YTOJE?:50+&~yts
B: 16679.6474, Layer 4 to 5 Message = snid_YTOJE?:50+&~yts
A: 16815.2221, Layer 5 to 4 Message = t#x;HTamy(4AMYfr~-9F
A: 16824.5092, Layer 5 to 4 Message = uuSq10m-Ki)Ge%3a~>]z
B: 16849.2609, Layer 4 to 5 Message = t#x;HTamy(4AMYfr~-9F
B: 16877.3987, Layer 4 to 5 Message = uuSq10m-Ki)Ge%3a~>]z
A: 17099.8198, Layer 5 to 4 Message = vHvIxJyKzL{M|N}O~P!Q
B: 17111.8359, Layer 4 to 5 Message = vHvIxJyKzL{M|N}O~P!Q
A: 17163.6730, Layer 5 to 4 Message = wZ=wbE(iLxpS6wZ=~bE(
A: 17174.2928, Layer 5 to 4 Message = dmbVx?4){peY2C7,~sh]
B: 17177.8879, Layer 4 to 5 Message = wZ=wbE(iLxpS6wZ=~bE(
B: 17207.7107, Layer 4 to 5 Message = dmbVx?4){peY2C7,~sh]
A: 17365.4190, Layer 5 to 4 Message = y!(.4yAGMSY`flrx~-3
B: 17394.6249, Layer 4 to 5 Message = y!(.4yAGMSY`flrx~-3
A: 17721.0601, Layer 5 to 4 Message = z4Ld{5ze|6Nf}70g~8Ph
B: 17727.3428, Layer 4 to 5 Message = z4Ld{5ze|6Nf}70g~8Ph
A: 17791.1613, Layer 5 to 4 Message = {Gp;e0Y{NwCl7a,U~Js>
B: 17819.3534, Layer 4 to 5 Message = {Gp;e0Y{NwCl7a,U~Js>
A: 17833.7508, Layer 5 to 4 Message = |Y6qN+fC|Z7r0,gD~[8s
B: 17867.8446, Layer 4 to 5 Message = |Y6qN+fC|Z7r0,gD~[8s
A: 17883.4221, Layer 5 to 4 Message = }lZI7&ra0},xgUD2~m[J
A: 17923.4680, Layer 5 to 4 Message = ~fDUgx,=0a~&7I3l}1CT
B: 17925.7318, Layer 4 to 5 Message = }lZI7&ra0},xgUD2~m[J
B: 17931.8515, Layer 4 to 5 Message = ~fDUgx,=0a~&7I3l}1CT
A: 18026.0291, Layer 5 to 4 Message = !3EVhy->Pbs'2J[m~2DU
B: 18030.0776, Layer 4 to 5 Message = !3EVhy->Pbs'2J[m~2DU
A: 18058.6579, Layer 5 to 4 Message = ##i.Qt9)!Eh-Ps8[~Dg,
B: 18072.3711, Layer 4 to 5 Message = ##i.Qt9)!Eh-Ps8[~Dg,
A: 18145.3207, Layer 5 to 4 Message = \$X\$d:oFzQ(]3h>sJ~U,a

ABGtrace-1.txt

B: 18164.6227, Layer 4 to 5 Message = \$X\$d:oFzQ(]3h>sJ~U,a
A: 18458.0624, Layer 5 to 4 Message = %kS%\$jR:#iQ9!hP8~gO7
B: 18482.2801, Layer 4 to 5 Message = %kS%\$jR:#iQ9!hP8~gO7
A: 18637.7464, Layer 5 to 4 Message = &}wq&e_XRLF?93- '~xr1
B: 18650.5307, Layer 4 to 5 Message = &}wq&e_XRLF?93- '~xr1
A: 18702.2623, Layer 5 to 4 Message = '2=IT'kv\$x:FQ]hs~,7C
B: 18714.2414, Layer 4 to 5 Message = '2=IT'kv\$x:FQ]hs~,7C
A: 18925.6562, Layer 5 to 4 Message = (Eb~=Z(6SpxLi(Eb~=Zw
B: 18933.6058, Layer 4 to 5 Message = (Eb~=Z(6SpxLi(Eb~=Zw

Printing the contents of the Simulation Event Q

Event Time = 18948.362 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 18953.842 A: LAYER 3 Seq/Ack/Check = 1/1/1357907590:
&}wq&e_XRLF?93- '~xr1
Event Time = 18964.248 A: LAYER 3 Seq/Ack/Check = 0/1/1317537423:
(Eb~=Z(6SpxLi(Eb~=Zw
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 18953.842 A: LAYER 3 Seq/Ack/Check = 1/1/1357907590:
&}wq&e_XRLF?93- '~xr1
Event Time = 18964.248 A: LAYER 3 Seq/Ack/Check = 0/1/1317537423:
(Eb~=Z(6SpxLi(Eb~=Zw
Event Time = 18972.962 B: LAYER 3 Seq/Ack/Check = 1/0/1317602959:
(Eb~=Z(6SpxLi(Eb~=Zw
Event Time = 18993.970 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 18964.248 A: LAYER 3 Seq/Ack/Check = 0/1/1317537423:
(Eb~=Z(6SpxLi(Eb~=Zw
Event Time = 18969.220 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 18972.962 B: LAYER 3 Seq/Ack/Check = 1/0/1317602959:
(Eb~=Z(6SpxLi(Eb~=Zw
Event Time = 18993.970 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 18969.220 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 18972.962 B: LAYER 3 Seq/Ack/Check = 1/0/1317602959:
(Eb~=Z(6SpxLi(Eb~=Zw
Event Time = 18993.970 A: Timer
Event Time = 19271.949 A: LAYER 5

ABGtrace-1.txt

Printing the contents of the Simulation Event Q

Event Time = 18972.962 B: LAYER 3 Seq/Ack/Check = 1/0/1317602959:

(Eb~Z(6SpxLi(Eb~Zw

Event Time = 18978.265 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19014.248 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 18978.265 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19019.220 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 18978.265 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19019.220 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19001.787 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19025.626 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19001.787 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19025.626 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19005.584 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19050.639 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19011.272 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

ABGtrace-1.txt

Event Time = 19050.639 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19025.180 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19050.639 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19028.787 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19061.272 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19036.385 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19075.180 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19075.180 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19075.180 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19107.657 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19107.657 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19129.869 A: Timer
Event Time = 19271.949 A: LAYER 5

ABGtrace-1.txt

Printing the contents of the Simulation Event Q

Event Time = 19131.678 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19156.494 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19179.869 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19181.678 A: Timer

Event Time = 19183.049 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19181.678 A: Timer

Event Time = 19183.049 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19207.510 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19208.458 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19208.458 A: Timer

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19227.192 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q

Event Time = 19235.499 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:

'2=IT'kv\$x:FQ]hs~,7C

ABGtrace-1.txt

Event Time = 19258.458 A: Timer
Event Time = 19271.949 A: LAYER 5

Printing the contents of the Simulation Event Q
Event Time = 19262.958 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19271.949 A: LAYER 5
Event Time = 19277.192 A: Timer

Printing the contents of the Simulation Event Q
Event Time = 19262.958 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19271.949 A: LAYER 5
Event Time = 19277.192 A: Timer

Printing the contents of the Simulation Event Q
Event Time = 19267.762 B: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19271.949 A: LAYER 5
Event Time = 19306.288 A: Timer

Printing the contents of the Simulation Event Q
Event Time = 19271.949 A: LAYER 5
Event Time = 19280.597 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19306.288 A: Timer

Printing the contents of the Simulation Event Q
Event Time = 19280.597 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19306.288 A: Timer
Event Time = 19307.702 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C

A: 19271.9486, Layer 5 to 4 Message = dW(V'U&)%S\$R2Q!P~0}N

Printing the contents of the Simulation Event Q
Event Time = 19280.597 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19306.288 A: Timer
Event Time = 19307.702 A: LAYER 3 Seq/Ack/Check = 0/0/1206191621:
'2=IT'kv\$x:FQ]hs~,7C
Event Time = 19608.395 A: LAYER 5

ABGtrace-1.txt

B: 19277.5867, Layer 4 to 5 Message = dW(V'U&)%S\$R2Q!P~0}N
A: 19608.3948, Layer 5 to 4 Message = *fL.nP2r*6vX:z3>~aC%
B: 19635.0404, Layer 4 to 5 Message = *fL.nP2r*6vX:z3>~aC%

Simulator terminated at time 19653.812693
after receiving 100 msgs at layer5

Simulator Analysis:

Number of messages sent from 5 to 4: 100
Number of messages received at Layer 5, side A: 0
Number of messages received at Layer 5, side B: 100
Number of messages incorrectly received at layer 5: 0
Number of packets entering the network: 1659
Average number of packets already in network: 0.649
Number of packets that the network lost: 331
Number of packets that the network corrupted: 0
Number of packets that the network put out of order: 0