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-----  Network Simulator Version   2.3 --------

Enter the number of messages to simulate: Packet loss probability [enter
number between 0.0 and 1.0]: Packet corruption probability [0.0 for no
corruption]: Packet out-of-order probability [0.0 for no out-of-order]:
Average time between messages from sender's layer5 [ > 0.0]: Enter Level
of tracing desired: Do you want actions randomized: (1 = yes, 0 = no)? Do
you want Bidirectional: (1 = yes, 0 = no)? Input parameters:
Number of Messages = 100  Lost Packet Prob. =   0.200
Corrupt Packet Prob. =   0.200  Out Of Order Prob. =   0.200
Ave. time between messages =     10.00  Trace level = 0
Randomize = 1  Bi-directional = 0


A:      11.9015,  Layer 5 to 4  Message = !fEVhy->Pbs'2J3m~2DU


A_output: Sending next message in queue.
A:      20.2108,  Layer 5 to 4  Message = ##i.Qt9]!Eh-Ps8[~Dg,

A_output: Waiting for ACK. Add message to queue.


B_input: Sending ACK.


B_input: Received message: !fEVhy->Pbs'2J3m~2DUVUUUd
B:      20.9968,  Layer 4 to 5  Message = !fEVhy->Pbs'2J3m~2DU
A:      25.6232,  Layer 5 to 4  Message = $X$d:oFzQ(]3h>sJ~U,a

A_output: Waiting for ACK. Add message to queue.
A:      30.4503,  Layer 5 to 4  Message = %kS%$jR:#iQ9!hP8~gO7


A_output: Waiting for ACK. Add message to queue.


A_input: Expected ACK.


A_output: Sending next message in queue.
A:      39.7192,  Layer 5 to 4  Message = &}wq&e_XRLF?93-'~xrl

A_output: Waiting for ACK. Add message to queue.
A:      55.4140,  Layer 5 to 4  Message = '2=IT'kv$x:FQ]hs~,7C

A_output: Waiting for ACK. Add message to queue.
A:      58.4754,  Layer 5 to 4  Message = (Eb~=Z(6SpxLi(Eb~=Zw

A_output: Waiting for ACK. Add message to queue.
A:      72.1080,  Layer 5 to 4  Message = dW(V'U&)%S$R2Q!P~O}N

A_output: Waiting for ACK. Add message to queue.
A:      75.1576,  Layer 5 to 4  Message = *jL.nP2r*6vX:z]>~aC%

A_output: Waiting for ACK. Add message to queue.


A timer has been interrupted, A will now resend the packet.


A_output: Sending next message in queue.
A:      89.9710,  Layer 5 to 4  Message = +fpdWK>2&+k_RF3-~rfY
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A_output: Waiting for ACK. Add message to queue.
A:      94.1251,  Layer 5 to 4  Message = ,16;AFKPUZ,ejoty~&+0

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: ##i.Qt9]!Eh-Ps8[~Dg,VUUUd
B:     103.2962,  Layer 4 to 5  Message = ##i.Qt9]!Eh-Ps8[~Dg,
A:     111.5040,  Layer 5 to 4  Message = -DZq*AWn'=T-$:Qh~7Ne

A_output: Waiting for ACK. Add message to queue.
A:     116.4600,  Layer 5 to 4  Message = .V~Iq;d.V~Iq.d.V~Iq;

A_output: Waiting for ACK. Add message to queue.

A_input: Expected ACK.

A_output: Sending next message in queue.
A:     132.0192,  Layer 5 to 4  Message = xiE~Z6pL(b=wSxiE~Z6p

A_output: Waiting for ACK. Add message to queue.
A:     141.0325,  Layer 5 to 4  Message = d{iVD1|jWE2}2X03~lYG

A_output: Waiting for ACK. Add message to queue.
A:     147.8066,  Layer 5 to 4  Message = 10x.-,+*)('&%$#1~}|{

A_output: Waiting for ACK. Add message to queue.
A:     158.9426,  Layer 5 to 4  Message = 2CSdt'7HXiy,<M^n21BR

A_output: Waiting for ACK. Add message to queue.
A:     162.8417,  Layer 5 to 4  Message = 3Uw;^!Df*Ln2Tv:]~3e)

A_output: Waiting for ACK. Add message to queue.
A:     174.8058,  Layer 5 to 4  Message = 4f=qGzP&Yxc8lB3K~T4^

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:     194.5451,  Layer 5 to 4  Message = 5zbI0u]D+pW>&kR9~fM5

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: $X$d:oFzQ(]3h>sJ~U,aVUUUd
B:     201.7916,  Layer 4 to 5  Message = $X$d:oFzQ(]3h>sJ~U,a

A_input: Expected ACK.

A_output: Sending next message in queue.
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A:       211.1235,  Layer 5 to 4  Message = 6x(~wpibZSLE=6x(~wpi

A_output: Waiting for ACK. Add message to queue.
A:       212.9526,  Layer 5 to 4  Message = d7LVaku!,6AK2`jt~+5?

A_output: Waiting for ACK. Add message to queue.
A:       215.3967,  Layer 5 to 4  Message = 8T8.Jf$?[w5Qm+Gc~<Xt

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.
A:       233.7215,  Layer 5 to 4  Message = 9g693a0^-Z*W'T$Q~N{K

A_output: Waiting for ACK. Add message to queue.
A:       245.3666,  Layer 5 to 4  Message = :yZ;:[<{]=|^>}_?~`A!

A_output: Waiting for ACK. Add message to queue.
A:       245.6761,  Layer 5 to 4  Message = ;.~qd;I;.~qdVI;.~qdV

A_output: Waiting for ACK. Add message to queue.
A:       245.9384,  Layer 5 to 4  Message = <AEIMQ<Y^bfjnrvz~%)-

A_output: Waiting for ACK. Add message to queue.
A:       255.4213,  Layer 5 to 4  Message = =fi~6Lb=xEZp(=3i~6Lb

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.
A:       274.1751,  Layer 5 to 4  Message = dfxV}Gn7>(Ov2g0W~Ho8

A_output: Waiting for ACK. Add message to queue.
A:       291.3035,  Layer 5 to 4  Message = ?xS.gBzU0?D|W2kF~Y4m

A_output: Waiting for ACK. Add message to queue.
A:       308.5554,  Layer 5 to 4  Message = A-wdP<)s`LA%o[H4~kWD

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: %kS%$jR:#iQ9!hP8~gO7VUUUd
B:       314.2977,  Layer 4 to 5  Message = %kS%$jR:#iQ9!hP8~gO7
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A:     320.8177,  Layer 5 to 4  Message = B?=;97531x-B)'%#~|zx

A_output: Waiting for ACK. Add message to queue.

A_input: Expected ACK.

A_output: Sending next message in queue.
A:     335.8837,  Layer 5 to 4  Message = CRbq#2BQap!1CP`o~0?O

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.
A:     351.1248,  Layer 5 to 4  Message = De(Ij-No2St7XD<^~Bc&

A_output: Waiting for ACK. Add message to queue.
A:     363.6650,  Layer 5 to 4  Message = EwL~S(Zxb6i=pEEL~S(Z

A_output: Waiting for ACK. Add message to queue.
A:     368.1541,  Layer 5 to 4  Message = d,pV<#gM3w^D2nTF~eK1

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:     375.1412,  Layer 5 to 4  Message = Gf6.&{skcZRJB93)Gvnf

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: &}wq&e_XRLF?93-'~xrlVUUUd
B:     377.3543,  Layer 4 to 5  Message = &}wq&e_XRLF?93-'~xrl

A_input: Expected ACK.

A_output: Sending next message in queue.
A:     383.0173,  Layer 5 to 4  Message = HQZdmv!+4=GPYclu~H3<

A_output: Waiting for ACK. Add message to queue.
A:     384.1563,  Layer 5 to 4  Message = Id~;Vq.Id~;Vq.Id~;Iq

A_output: Waiting for ACK. Add message to queue.
A:     386.3407,  Layer 5 to 4  Message = JvEq?l:g5b0]+W&R~MyJ

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.
A:     399.8963,  Layer 5 to 4  Message = K+iI)gG'eE%cC#aA~_>|

A_output: Waiting for ACK. Add message to queue.
A:     418.5945,  Layer 5 to 4  Message = LLx~pbSE6(wiZL=x~pbS
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A_output: Waiting for ACK. Add message to queue.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:      438.2781,  Layer 5 to 4  Message = dPMVY]`cfilo2ux{~$'*

A_output: Waiting for ACK. Add message to queue.
A:      441.7090,  Layer 5 to 4  Message = NcwNCWl#7Lau,AUj~5J_

A_output: Waiting for ACK. Add message to queue.
A:      445.7244,  Layer 5 to 4  Message = Ou=dORxAgxU{Dj2X~Gm5

A_output: Waiting for ACK. Add message to queue.
A:      451.2519,  Layer 5 to 4  Message = Pfb;sP'_8pJ$[53G~X2j

A_output: Waiting for ACK. Add message to queue.
A:      452.9030,  Layer 5 to 4  Message = Q<(q]HQ|hS>*s_J5~jUA

A_output: Waiting for ACK. Add message to queue.
A:      462.6576,  Layer 5 to 4  Message = ROLIFC?R9630-*'$~{xu

A_output: Waiting for ACK. Add message to queue.
A:      468.6174,  Layer 5 to 4  Message = Sbp~x=LZSw(6ESbp~x=L

A_output: Waiting for ACK. Add message to queue.
A:      474.2344,  Layer 5 to 4  Message = dt6Vv8Xx:Tz<2|>_~Aa#

A_output: Waiting for ACK. Add message to queue.
A:      478.7839,  Layer 5 to 4  Message = U)Z.`3e8j=UCtHyM~R&W

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:      483.1494,  Layer 5 to 4  Message = V;~dI.qV;~dV.qV;~dI.

A_output: Waiting for ACK. Add message to queue.
A:      497.0470,  Layer 5 to 4  Message = WNE;2)}tkbXOW<3*~ulc

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: '2=IT'kv$x:FQ]hs~,7CVUUUd
B:      499.5981,  Layer 4 to 5  Message = '2=IT'kv$x:FQ]hs~,7C
A:      512.8289,  Layer 5 to 4  Message = Xaiqy$,4<EMU^Xnv~)19

A_output: Waiting for ACK. Add message to queue.
A:      518.5084,  Layer 5 to 4  Message = YfxIc|8Rl(B[u1Ye~:Tn
```

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A_output: Waiting for ACK. Add message to queue.

A_input: Expected ACK.

A_output: Sending next message in queue.
A:       533.4390,  Layer 5 to 4  Message = Z(S~LwEp=i6bxZ(Z~LwE

A_output: Waiting for ACK. Add message to queue.
A:       538.5069,  Layer 5 to 4  Message = d:wV5rQ0mL+h2&cB[^<y

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.
A:       554.8098,  Layer 5 to 4  Message = ]M=.|m^N>x}n_O?0~]`P

A_output: Waiting for ACK. Add message to queue.
A:       565.8403,  Layer 5 to 4  Message = ^`bdfhjlnprtvxz|~#^'

A_output: Waiting for ACK. Add message to queue.
A:       574.5336,  Layer 5 to 4  Message = _r(;Ocv,?Sgz0DWk~4H_

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:       583.9627,  Layer 5 to 4  Message = `'Lq8^%Jo6[#Hm4Y~Fk2

A_output: Waiting for ACK. Add message to queue.
A:       597.1023,  Layer 5 to 4  Message = aapI!X1hAwP)`8oH~W0g

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: (Eb~=Z(6SpxLi(Eb~=ZwVUUUd
B:       599.6733,  Layer 4 to 5  Message = (Eb~=Z(6SpxLi(Eb~=Zw

A_input: Expected ACK.

A_output: Sending next message in queue.
A:       613.9558,  Layer 5 to 4  Message = bLb~iS=(pZExwbL6~iS=

A_output: Waiting for ACK. Add message to queue.
A:       616.0818,  Layer 5 to 4  Message = dfZcRNJFB=952-3%~zvr

A_output: Waiting for ACK. Add message to queue.
A:       627.7541,  Layer 5 to 4  Message = dq~.dIVdq~.;IVdq~.;I

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.
A:       644.8734,  Layer 5 to 4  Message = e&Ed%ec$Cb#Ba!A`~?_}
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```
A_output: Waiting for ACK. Add message to queue.
A:      656.0263,  Layer 5 to 4  Message = f8i;l>fBrEuHxK{N~Q$T

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:      664.0262,  Layer 5 to 4  Message = gKxqU9{gD(jN2tX<~cG+

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: dW(V'U&)%S$R2Q!P~O}NVUUUd
B:      667.9273,  Layer 4 to 5  Message = dW(V'U&)%S$R2Q!P~O}N

A_input: Expected ACK.

A_output: Sending next message in queue.
A:      680.3960,  Layer 5 to 4  Message = h^SI>4*}hi_TJ?5+~tj`

A_output: Waiting for ACK. Add message to queue.
A:      681.2843,  Layer 5 to 4  Message = ipw~(x6=EiSZbipw~(x6

A_output: Waiting for ACK. Add message to queue.
A:      691.9450,  Layer 5 to 4  Message = d%=Vo*C[txja24Mf~9Rk

A_output: Waiting for ACK. Add message to queue.
A:      705.1448,  Layer 5 to 4  Message = k7b.X%OyFp<k3^*T~KuB

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.
A:      715.2896,  Layer 5 to 4  Message = lf(dB}[9uS1ml)3C~]:v

A_output: Waiting for ACK. Add message to queue.
A:      723.3577,  Layer 5 to 4  Message = m]L;+xhWG6&scmB1~n^M

A_output: Waiting for ACK. Add message to queue.
A:      724.1522,  Layer 5 to 4  Message = nopqrstuvwxyz{n}~!#$

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:      737.7320,  Layer 5 to 4  Message = o$6I[n#5HZm!4GYo~3FX

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.
```

```
B_input: Received message: *jL.nP2r*6vX:z]>~aC%VUUUd
B:       738.9017,  Layer 4 to 5  Message = *jL.nP2r*6vX:z]>~aC%

A_input: Expected ACK.

A_output: Sending next message in queue.
A:       755.0532,  Layer 5 to 4  Message = p6Z~EixSw=b(Lp6ZpEix

A_output: Waiting for ACK. Add message to queue.
A:       756.0336,  Layer 5 to 4  Message = dI~V.d;qI~V.2;qI~q.d

A_output: Waiting for ACK. Add message to queue.
A:       773.7586,  Layer 5 to 4  Message = r[E.u_H1xbK4{eN7~hr:

A_output: Waiting for ACK. Add message to queue.
A:       778.2462,  Layer 5 to 4  Message = snid_YTOJE?:50+&~yts

A_output: Waiting for ACK. Add message to queue.
A:       781.0389,  Layer 5 to 4  Message = t#x;HTamy(4AMYfr~-9F

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:       798.1530,  Layer 5 to 4  Message = uuSq1Om-Ki)Ge%3a~>]z

A_output: Waiting for ACK. Add message to queue.
A:       798.3634,  Layer 5 to 4  Message = vHvIxJyKzL{M|N}O~P!Q

A_output: Waiting for ACK. Add message to queue.
A:       813.9561,  Layer 5 to 4  Message = wZ=wbE(iLxpS6wZ=~bE(

A_output: Waiting for ACK. Add message to queue.
A:       820.1164,  Layer 5 to 4  Message = dmbVx?4){peY2C7,~sh]

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: +fpdWK>2&+k_RF3-~rfYVUUUd
B:       821.0310,  Layer 4 to 5  Message = +fpdWK>2&+k_RF3-~rfY

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.
A:       836.1666,  Layer 5 to 4  Message = y!(.4yAGMSY`flrx~'-3

A_output: Waiting for ACK. Add message to queue.
A:       855.4184,  Layer 5 to 4  Message = z4Ld{5ze|6Nf}7Og~8Ph

A_output: Waiting for ACK. Add message to queue.
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A:       860.4890,  Layer 5 to 4  Message = {Gp;e0Y{NwCl7a,U~Js>

A_output: Waiting for ACK. Add message to queue.
A:       861.5515,  Layer 5 to 4  Message = |Y6qN+fC|Z7rO,gD~[8s

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:       879.1274,  Layer 5 to 4  Message = }lZI7&raO},xgUD2~m[J

A_output: Waiting for ACK. Add message to queue.
A:       882.7674,  Layer 5 to 4  Message = ~fDUgx,=Oa~&7I3l}1CT

A_output: Waiting for ACK. Add message to queue.

B_input: Packet corrupted. Send NAK.
A:       899.3543,  Layer 5 to 4  Message = !3EVhy->Pbs'2J[m~2DU

A_output: Waiting for ACK. Add message to queue.
A:       902.8892,  Layer 5 to 4  Message = ##i.Qt9]!Eh-Ps8[~Dg,

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.
A:       914.5490,  Layer 5 to 4  Message = $X$d:oFzQ(]3h>sJ~U,a

A_output: Waiting for ACK. Add message to queue.
A:       921.7676,  Layer 5 to 4  Message = %kS%$jR:#iQ9!hP8~gO7

A_output: Waiting for ACK. Add message to queue.
A:       923.5239,  Layer 5 to 4  Message = &}wq&e_XRLF?93-'~xrl

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ,16;AFKPUZ,ejoty~&+0VUUUd
B:       933.8136,  Layer 4 to 5  Message = ,16;AFKPUZ,ejoty~&+0

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.
A:       941.7293,  Layer 5 to 4  Message = '2=IT'kv$x:FQ]hs~,7C

A_output: Waiting for ACK. Add message to queue.
A:       947.5084,  Layer 5 to 4  Message = (Eb~=Z(6SpxLi(Eb~=Zw
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```
A_output: Waiting for ACK. Add message to queue.
A:      957.4137,  Layer 5 to 4  Message = dW(V'U&)%S$R2Q!P~O}N

A_output: Waiting for ACK. Add message to queue.

B_input: Not the expected sequence num. Send NAK.
A:      975.8538,  Layer 5 to 4  Message = *fL.nP2r*6vX:z3>~aC%

A_output: Waiting for ACK. Add message to queue.
A:      978.8331,  Layer 5 to 4  Message = +|pdWK>2&+k_RF9-~rfY

A_output: Waiting for ACK. Add message to queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
A:      990.5787,  Layer 5 to 4  Message = ,16;AFKPUZ,ejoty~&+0

A_output: Waiting for ACK. Add message to queue.
A:      998.2237,  Layer 5 to 4  Message = -DZq*AWn'=T-$:Qh~7Ne

A_output: Waiting for ACK. Add message to queue.
A:     1008.1829,  Layer 5 to 4  Message = .V~Iq;d.V~Iq.d.V~Iq;

A_output: Waiting for ACK. Add message to queue.

B_input: Sending ACK.

B_input: Received message: -DZq*AWn'=T-$:Qh~7NeVUUUd
B:     1012.0299,  Layer 4 to 5  Message = -DZq*AWn'=T-$:Qh~7Ne
A:     1012.6998,  Layer 5 to 4  Message = xiE~Z6pL(b=wSxiE~Z6p

A_output: Waiting for ACK. Add message to queue.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.
```

B_input: Sending ACK.

B_input: Received message: .V~Iq;d.V~Iq.d.V~Iq;VUUUd
B:    1175.0775,  Layer 4 to 5  Message = .V~Iq;d.V~Iq.d.V~Iq;

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: xiE~Z6pL(b=wSxiE~Z6pVUUUd
B:    1231.2169,  Layer 4 to 5  Message = xiE~Z6pL(b=wSxiE~Z6p

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: d{iVD1|jWE2}2X03~lYGVUUUd
B:    1396.5383,  Layer 4 to 5  Message = d{iVD1|jWE2}2X03~lYG

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 10x.-,+*)('&%$#1~}|{VUUUd
B:    1475.9038,  Layer 4 to 5  Message = 10x.-,+*)('&%$#1~}|{

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 2CSdt'7HXiy,<M^n21BRVUUUd
B:    1635.6295,  Layer 4 to 5  Message = 2CSdt'7HXiy,<M^n21BR

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 3Uw;^!Df*Ln2Tv:]~3e)VUUUd
B:    1765.8590,  Layer 4 to 5  Message = 3Uw;^!Df*Ln2Tv:]~3e)

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 4f=qGzP&Yxc8lB3K~T4^VUUUd
B:    1908.5651,  Layer 4 to 5  Message = 4f=qGzP&Yxc8lB3K~T4^

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 5zbI0u]D+pW>&kR9~fM5VUUUd
B:    1976.9162,  Layer 4 to 5  Message = 5zbI0u]D+pW>&kR9~fM5

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 6x(~wpibZSLE=6x(~wpiVUUUd
B:    2057.4844,  Layer 4 to 5  Message = 6x(~wpibZSLE=6x(~wpi

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: d7LVaku!,6AK2`jt~+5?VUUUd
B:     2302.3173,  Layer 4 to 5  Message = d7LVaku!,6AK2`jt~+5?

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 8T8.Jf$?[w5Qm+Gc~<XtVUUUd
B:     2389.7333,  Layer 4 to 5  Message = 8T8.Jf$?[w5Qm+Gc~<Xt

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: 9g693a0^-Z*W'T$Q~N{KVUUUd
B:     2452.7898,  Layer 4 to 5  Message = 9g693a0^-Z*W'T$Q~N{K

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: :yZ;:[<{]=|^>}_?~`A!VUUUd
B:    2509.2414,  Layer 4 to 5  Message = :yZ;:[<{]=|^>}_?~`A!

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ;.~qd;I;.~qdVI;.~qdVVUUUd
B:    2578.6810,  Layer 4 to 5  Message = ;.~qd;I;.~qdVI;.~qdV

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: <AEIMQ<Y^bfjnrvz~%)-VUUUd
B:    2757.3678,  Layer 4 to 5  Message = <AEIMQ<Y^bfjnrvz~%)-

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: =fi~6Lb=xEZp(=3i~6LbVUUUd
B:    2925.4956,  Layer 4 to 5  Message = =fi~6Lb=xEZp(=3i~6Lb

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: dfxV}Gn7>(Ov2g0W~Ho8VUUUd
B:    2982.2118,  Layer 4 to 5  Message = dfxV}Gn7>(Ov2g0W~Ho8

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ?xS.gBzU0?D|W2kF~Y4mVUUUd
B:     3121.0636,  Layer 4 to 5  Message = ?xS.gBzU0?D|W2kF~Y4m

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: A-wdP<)s`LA%o[H4~kWDVUUUd
B:     3194.2411,  Layer 4 to 5  Message = A-wdP<)s`LA%o[H4~kWD

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: B?=;97531x-B)'%#~|zxVUUUd
B:     3286.6729,  Layer 4 to 5  Message = B?=;97531x-B)'%#~|zx

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 3360.686 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q
Event Time = 3360.686 A: Timer


A_input: Expected ACK.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 3393.659 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q
Event Time = 3393.659 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 3493.659 A: Timer


B_input: Sending ACK.

B_input: Received message: CRbq#2BQap!1CP`o~0?OVUUUd
B:    3450.3373,  Layer 4 to 5  Message = CRbq#2BQap!1CP`o~0?O

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: De(Ij-No2St7XD<^~Bc&VUUUd
B:    3560.1122,  Layer 4 to 5  Message = De(Ij-No2St7XD<^~Bc&

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: EwL~S(Zxb6i=pEEL~S(ZVUUUd
B:    3841.0452,  Layer 4 to 5  Message = EwL~S(Zxb6i=pEEL~S(Z

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: d,pV<#gM3w^D2nTF~eK1VUUUd
B:    3990.6418,  Layer 4 to 5  Message = d,pV<#gM3w^D2nTF~eK1

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Gf6.&{skcZRJB93)GvnfVUUUd
B:    4199.9854,  Layer 4 to 5  Message = Gf6.&{skcZRJB93)Gvnf

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: HQZdmv!+4=GPYclu~H3<VUUUd
B:    4263.7244,  Layer 4 to 5  Message = HQZdmv!+4=GPYclu~H3<

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Id~;Vq.Id~;Vq.Id~;IqVUUUd
B:    4514.4930,  Layer 4 to 5  Message = Id~;Vq.Id~;Vq.Id~;Iq

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: JvEq?l:g5b0]+W&R~MyJVUUUd
B:    4597.5892,  Layer 4 to 5  Message = JvEq?l:g5b0]+W&R~MyJ

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: K+iI)gG'eE%cC#aA~_>|VUUUd
B:    4732.9256,  Layer 4 to 5  Message = K+iI)gG'eE%cC#aA~_>|

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: LLx~pbSE6(wiZL=x~pbSVUUUd
B:    4794.8854,  Layer 4 to 5  Message = LLx~pbSE6(wiZL=x~pbS

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: dPMVY]`cfilo2ux{~$'*VUUUd
B:    4880.9421,  Layer 4 to 5  Message = dPMVY]`cfilo2ux{~$'*

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: NcwNCWl#7Lau,AUj~5J_VUUUd
B:      4985.1816,  Layer 4 to 5  Message = NcwNCWl#7Lau,AUj~5J_

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Ou=dORxAgxU{Dj2X~Gm5VUUUd
B:      5270.4751,  Layer 4 to 5  Message = Ou=dORxAgxU{Dj2X~Gm5

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Pfb;sP'_8pJ$[53G~X2jVUUUd
B:    5405.6706,  Layer 4 to 5  Message = Pfb;sP'_8pJ$[53G~X2j

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Q<(q]HQ|hS>*s_J5~jUAVUUUd
B:    5482.6592,  Layer 4 to 5  Message = Q<(q]HQ|hS>*s_J5~jUA

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ROLIFC?R9630-*'$~{xuVUUUd
B:    5736.6451,  Layer 4 to 5  Message = ROLIFC?R9630-*'$~{xu

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Sbp~x=LZSw(6ESbp~x=LVUUUd
B:    5810.7706,  Layer 4 to 5  Message = Sbp~x=LZSw(6ESbp~x=L

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: dt6Vv8Xx:Tz<2|>_~Aa#VUUUd
B:    5895.1451,  Layer 4 to 5  Message = dt6Vv8Xx:Tz<2|>_~Aa#

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: U)Z.`3e8j=UCtHyM~R&WVUUUd
B:    5972.3156,  Layer 4 to 5  Message = U)Z.`3e8j=UCtHyM~R&W

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: V;~dI.qV;~dV.qV;~dI.VUUUd
B:    6113.7632,  Layer 4 to 5  Message = V;~dI.qV;~dV.qV;~dI.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: WNE;2)}tkbXOW<3*~ulcVUUUd
B:    6350.5687,  Layer 4 to 5  Message = WNE;2)}tkbXOW<3*~ulc

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Xaiqy$,4<EMU^Xnv~)19VUUUd
B:    6431.7644,  Layer 4 to 5  Message = Xaiqy$,4<EMU^Xnv~)19

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: YfxIc|8Rl(B[u1Ye~:TnVUUUd
B:    6810.7218,  Layer 4 to 5  Message = YfxIc|8Rl(B[u1Ye~:Tn

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: Z(S~LwEp=i6bxZ(Z~LwEVUUUd
B:    6878.9922,  Layer 4 to 5  Message = Z(S~LwEp=i6bxZ(Z~LwE

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: d:wV5rQ0mL+h2&cB[^<yVUUUd
B:     7076.1296,  Layer 4 to 5  Message = d:wV5rQ0mL+h2&cB[^<y

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ]M=.|m^N>x}n_O?0~]`PVUUUd
B:     7204.0294,  Layer 4 to 5  Message = ]M=.|m^N>x}n_O?0~]`P

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ^`bdfhjlnprtvxz|~#^'VUUUd
B:     7284.8811,  Layer 4 to 5  Message = ^`bdfhjlnprtvxz|~#^'

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: _r(;Ocv,?Sgz0DWk~4H_VUUUd
B:    7430.4960,  Layer 4 to 5  Message = _r(;Ocv,?Sgz0DWk~4H_

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: `'Lq8^%Jo6[#Hm4Y~Fk2VUUUd
B:    7610.3578,  Layer 4 to 5  Message = `'Lq8^%Jo6[#Hm4Y~Fk2

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: aapI!X1hAwP)`8oH~W0gVUUUd
B:    7700.5705,  Layer 4 to 5  Message = aapI!X1hAwP)`8oH~W0g

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: bLb~iS=(pZExwbL6~iS=VUUUd
B:    7789.1558,  Layer 4 to 5  Message = bLb~iS=(pZExwbL6~iS=

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: dfZcRNJFB=952-3%~zvrVUUUd
B:    7941.3887,  Layer 4 to 5  Message = dfZcRNJFB=952-3%~zvr

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: dq~.dIVdq~.;IVdq~.;IVUUUd
B:    8026.5933,  Layer 4 to 5  Message = dq~.dIVdq~.;IVdq~.;I

Printing the contents of the Simulation Event Q
Event Time = 8054.978 A: Timer


A_input: Expected ACK.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 8085.001 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q
Event Time = 8085.001 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 8135.001 A: Timer


B_input: Packet corrupted. Send NAK.

Printing the contents of the Simulation Event Q
Event Time = 8135.001 A: Timer


A_input: Packet corrupted. Drop Packet.

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 8235.001 A: Timer


B_input: Sending ACK.

B_input: Received message: e&Ed%ec$Cb#Ba!A`~?_}VUUUd
B:    8187.0659,  Layer 4 to 5  Message = e&Ed%ec$Cb#Ba!A`~?_}

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: f8i;l>fBrEuHxK{N~Q$TVUUUd
B:    8248.2748,  Layer 4 to 5  Message = f8i;l>fBrEuHxK{N~Q$T

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: gKxqU9{gD(jN2tX<~cG+VUUUd
B:    8387.4757,  Layer 4 to 5  Message = gKxqU9{gD(jN2tX<~cG+

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: h^SI>4*}hi_TJ?5+~tj`VUUUd
B:     8456.7894,  Layer 4 to 5  Message = h^SI>4*}hi_TJ?5+~tj`

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ipw~(x6=EiSZbipw~(x6VUUUd
B:     8564.3981,  Layer 4 to 5  Message = ipw~(x6=EiSZbipw~(x6

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

```
B_input: Received message: d%=Vo*C[txja24Mf~9RkVUUUd
B:    8691.5925,  Layer 4 to 5  Message = d%=Vo*C[txja24Mf~9Rk

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: k7b.X%OyFp<k3^*T~KuBVUUUd
B:    8942.7893,  Layer 4 to 5  Message = k7b.X%OyFp<k3^*T~KuB

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: lf(dB}[9uS1ml)3C~]:vVUUUd
B:    9037.9087,  Layer 4 to 5  Message = lf(dB}[9uS1ml)3C~]:v
```

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: m]L;+xhWG6&scmB1~n^MVUUUd
B:     9170.0838,  Layer 4 to 5  Message = m]L;+xhWG6&scmB1~n^M

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: nopqrstuvwxyz{n}~!#$VUUUd
B:     9233.2888,  Layer 4 to 5  Message = nopqrstuvwxyz{n}~!#$

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: o$6I[n#5HZm!4GYo~3FXVUUUd
B:    9370.0560,  Layer 4 to 5  Message = o$6I[n#5HZm!4GYo~3FX

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: p6Z~EixSw=b(Lp6ZpEixVUUUd
B:    9500.7950,  Layer 4 to 5  Message = p6Z~EixSw=b(Lp6ZpEix

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: dI~V.d;qI~V.2;qI~q.dVUUUd
B:    9612.8586,  Layer 4 to 5  Message = dI~V.d;qI~V.2;qI~q.d

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: r[E.u_H1xbK4{eN7~hr:VUUUd
B:    9688.3216,  Layer 4 to 5   Message = r[E.u_H1xbK4{eN7~hr:

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: snid_YTOJE?:50+&~ytsVUUUd
B:    9864.2425,  Layer 4 to 5   Message = snid_YTOJE?:50+&~yts

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: t#x;HTamy(4AMYfr~-9FVUUUd
B:    9942.9304,  Layer 4 to 5  Message = t#x;HTamy(4AMYfr~-9F

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: uuSq1Om-Ki)Ge%3a~>]zVUUUd
B:   10166.7823,  Layer 4 to 5  Message = uuSq1Om-Ki)Ge%3a~>]z

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: vHvIxJyKzL{M|N}O~P!QVUUUd
B:    10230.8686,  Layer 4 to 5  Message = vHvIxJyKzL{M|N}O~P!Q

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: wZ=wbE(iLxpS6wZ=~bE(VUUUd
B:    10321.5557,  Layer 4 to 5  Message = wZ=wbE(iLxpS6wZ=~bE(

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: dmbVx?4){peY2C7,~sh]VUUUd
B:    10483.6479,  Layer 4 to 5  Message = dmbVx?4){peY2C7,~sh]

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: y!(.4yAGMSY`flrx~'-3VUUUd
B:   10713.1378,  Layer 4 to 5  Message = y!(.4yAGMSY`flrx~'-3

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: z4Ld{5ze|6Nf}7Og~8PhVUUUd
B:   10898.5838,  Layer 4 to 5  Message = z4Ld{5ze|6Nf}7Og~8Ph

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: {Gp;e0Y{NwCl7a,U~Js>VUUUd
B:   11090.1223,  Layer 4 to 5  Message = {Gp;e0Y{NwCl7a,U~Js>

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: |Y6qN+fC|Z7rO,gD~[8sVUUUd
B:   11181.4350,  Layer 4 to 5  Message = |Y6qN+fC|Z7rO,gD~[8s

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: }lZI7&raO},xgUD2~m[JVUUUd
B:    11541.9551,  Layer 4 to 5  Message = }lZI7&raO},xgUD2~m[J

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ~fDUgx,=Oa~&7I3l}1CTVUUUd
B:   11618.6523,  Layer 4 to 5  Message = ~fDUgx,=Oa~&7I3l}1CT

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: !3EVhy->Pbs'2J[m~2DUVUUUd
B:   11775.8854,  Layer 4 to 5  Message = !3EVhy->Pbs'2J[m~2DU

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: ##i.Qt9]!Eh-Ps8[~Dg,VUUUd
B:   11859.3025,  Layer 4 to 5  Message = ##i.Qt9]!Eh-Ps8[~Dg,

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: $X$d:oFzQ(]3h>sJ~U,aVUUUd
B:   12094.4523,  Layer 4 to 5  Message = $X$d:oFzQ(]3h>sJ~U,a

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: %kS%$jR:#iQ9!hP8~gO7VUUUd
B:   12153.9029,  Layer 4 to 5  Message = %kS%$jR:#iQ9!hP8~gO7

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: &}wq&e_XRLF?93-'~xrlVUUUd
B:   12337.6747,  Layer 4 to 5  Message = &}wq&e_XRLF?93-'~xrl

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Packet corrupted. Send NAK.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: '2=IT'kv$x:FQ]hs~,7CVUUUd
B:   12409.5333,  Layer 4 to 5  Message = '2=IT'kv$x:FQ]hs~,7C

A_input: Expected ACK.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: (Eb~=Z(6SpxLi(Eb~=ZwVUUUd
B:   12543.0767,  Layer 4 to 5  Message = (Eb~=Z(6SpxLi(Eb~=Zw

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 12632.118 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q
Event Time = 12632.118 A: Timer


A_input: Expected ACK.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 12645.606 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q
Event Time = 12645.606 A: Timer


B_input: Not the expected sequence num. Send NAK.

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q


A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

Printing the contents of the Simulation Event Q
Event Time = 12795.606 A: Timer


B_input: Sending ACK.

B_input: Received message: dW(V'U&)%S$R2Q!P~O}NVUUUd
B:   12756.0532,  Layer 4 to 5  Message = dW(V'U&)%S$R2Q!P~O}N

A_input: Packet corrupted. Drop Packet.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A_input: Expected ACK.

A_output: Sending next message in queue.

B_input: Not the expected sequence num. Send NAK.

A timer has been interrupted, A will now resend the packet.

A_output: Sending next message in queue.

B_input: Sending ACK.

B_input: Received message: *fL.nP2r*6vX:z3>~aC%VUUUd
B:   12894.5948,  Layer 4 to 5  Message = *fL.nP2r*6vX:z3>~aC%


Simulator terminated at time 12896.228266
 after receiving 100 msgs at layer5
Simulator Analysis:
  Number of messages sent from 5 to 4: 104
  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: 551
  Average number of packets already in network:     0.004
  Number of packets that the network lost: 110
  Number of packets that the network corrupted: 83
  Number of packets that the network put out of order: 70