• Where did the bulk of logic occur? (3 pts)

The bulk of the logic took place in the function processReceiveAndSendRespond(). The server side implementation had more going on with it than the client side, mostly because I opted to not have the client acknowledge the server's acknowledgements.

• How were the timeouts resolved? What happened if timeouts have been resolved? (3+ 2 pts)

I saved segments sent out by the client in a buffer, and removed them from that buffer once the client received an acknowledgment from the server. The processSend() function on the client re-sent any packets that were still in the buffer after 3 iterations.

How was the packet dropping handled? (2 pts)

If data packets were dropped, they were re-sent after not receiving acknowledgements from the server. If acknowledgement packets were dropped, sometimes a future acknowledgement of higher ack value would clear the outbuffer, but I also resent acknowledgments to duplicate packets in case no new acknowledgements were received by the client.

How was the retransmission policy implemented (5 pts)?

In the client side of the processSend() function. I saved sent segments in a buffer along with the value of the iteration they were sent. If 3 iterations had passed and they were still in the buffer, they were re-sent and had their iteration value updated.

Short Data Screenshot

```
Transment Processor Occupience...

Press enter to continue...

The (iterations) = 20
Cilent...

Beauming segement seq: 86, ack: -1, data: lany
Server...

The (iterations) = 21
Cilent...

Nath....

Nath....

The (iterations) = 22
Remending segement seq: 40, ack: -1, data: dag
Remending segement seq: 40, ack: -1, data: dag
Remending segement: seq: 40, ack: -1, data: dag
Remending segement: seq: 40, ack: -1, data: dag
Remending segement: seq: 40, ack: 40, data:
Sending sek: seq: -1, ack: 40, data:
Sending
```

Long Data Screenshot

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