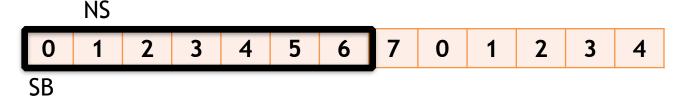
## **Example of GBN for PA2 - Maxwell Young**

This is an example with file1.txt using a drop probability of 0 (as done in the screen shot). For simplicity, I'm using the following notation:

nextseqnum = NS

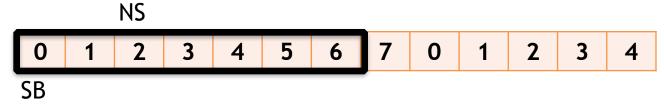
The black box is the window.

After sending the packet sqn# 0 "Wow. Never ... me." we have:

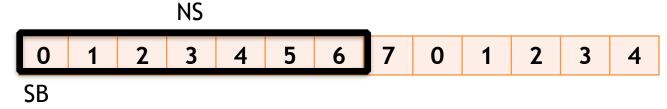


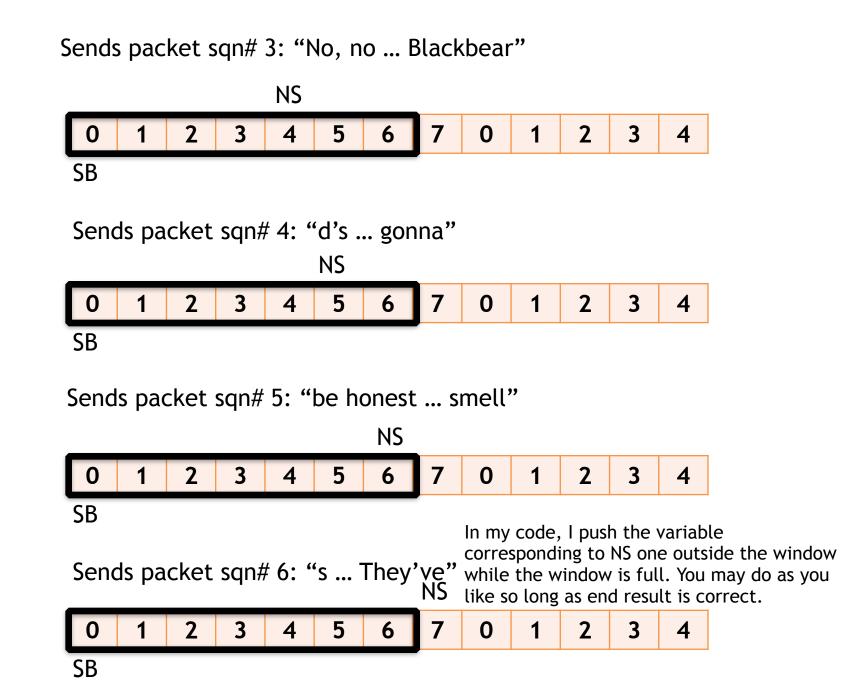
Client keeps sending until window is full since packets are available.

Sends packet sqn# 1 "What cologne ... wit"

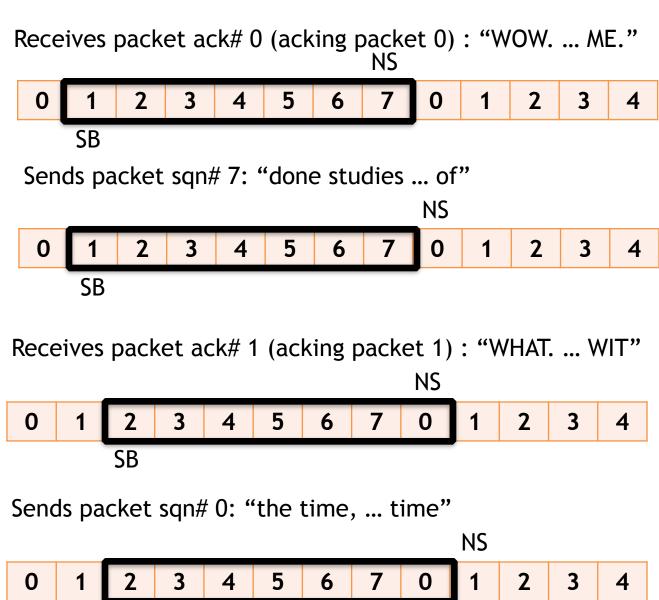


Sends packet sqn# 2: "h? London ... wait."

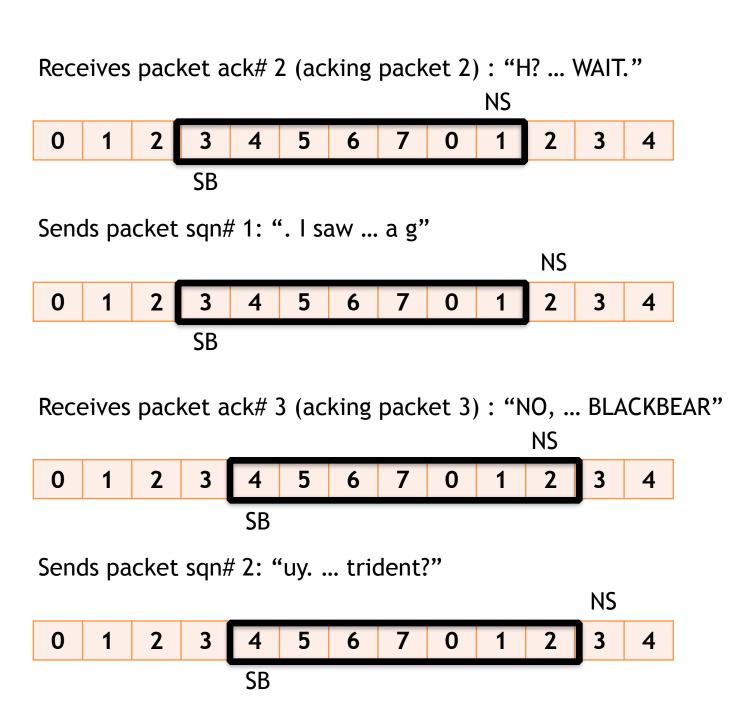




There are still packets to send, but the window is full. The client sets a timer and listens.

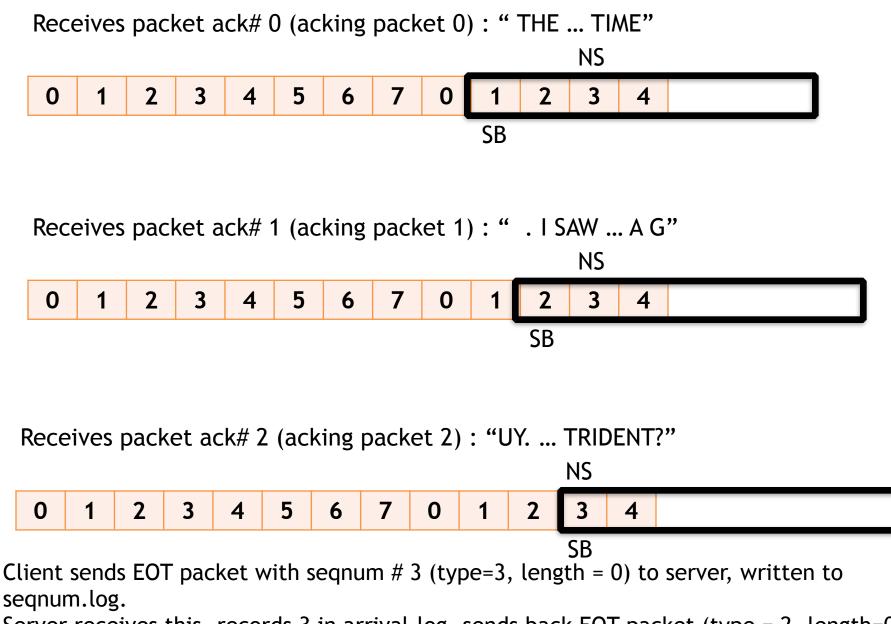


SB



There are no more packets to send, so the sender is now listening (and has a timer se Receives packet ack# 4 (acking packet 4): "D'S ... GONNA" NS SB Receives packet ack# 5 (acking packet 5): "BE ... SMELL" NS SB Receives packet ack# 6 (acking packet 6): "S ... THEY'VE" NS SB Receives packet ack# 7 (acking packet 7): "DONE ... OF" NS 

SB



Server receives this, records 3 in arrival.log, sends back EOT packet (type = 2, length=0), and terminates. Client receives EOT, records ack # 3 in ack.log, and terminates.

Here are what your output files should look like in this case:

seqnum.log should read:	ack.log should read:	arrival.log should read:
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
0	0	0
1	1	1
2	2	2
3	3	3