

Select Protocol:

1. Go-Back-N
2. Selective Repeat
3. Exit

Choice: 1

Enter number of frames to send: 5

Sent: Frame 0

Receiver: ACK Frame 0

!! Frame 1 lost in channel !!

Sent: Frame 1

Receiver: ACK Frame 1

Sent: Frame 2

Receiver: ACK Frame 2

Sent: Frame 3

Receiver: ACK Frame 3

Sent: Frame 4

Receiver: ACK Frame 4

Select Protocol:

1. Go-Back-N
2. Selective Repeat
3. Exit

Choice: 2

Enter number of frames to send: 5

Sent: Frame 0

Receiver: ACK Frame 0

Sent: Frame 1

Receiver: ACK Frame 1

Sent: Frame 2

Receiver: ACK Frame 2

!! Frame 3 lost in channel !!

Resent Frame 3

Sent: Frame 4

Receiver: ACK Frame 3

```

C:\Users\psssa\OneDrive\Documents\ACADEMIC TE\CNSL\Assign 4>receiver.exe
Receiver started at 127.0.0.15:8080
Received Frame: Frame 0
Received Frame: Frame 1
Received Frame: Frame 2
Received Frame: Frame 3
Received Frame: Frame 4
Received Frame: Frame 0
Received Frame: Frame 1
Received Frame: Frame 2
Received Frame: Frame 3
Received Frame: Frame 4
Receiver exiting...

C:\Users\psssa\OneDrive\Documents\ACADEMIC TE\CNSL\Assign 4>

```

Capturing from Adapter for loopback traffic capture

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.addr==127.0.0.15

No.	Time	Source	Destination	Protocol	Length	Info
207	620.680838	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
208	620.682069	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
209	620.683677	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
210	620.684144	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
211	620.684618	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
212	620.685217	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
213	620.690049	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
214	620.690598	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
215	620.696015	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
216	620.696857	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
217	644.868570	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
218	644.869146	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
219	644.869519	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
220	644.869789	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
221	644.870233	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
222	644.870741	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
223	644.871512	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
224	644.871727	127.0.0.1	127.0.0.15	UDP	39	62389 → 8080 Len=7
225	644.871894	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
226	644.872129	127.0.0.15	127.0.0.1	UDP	43	8080 → 62389 Len=11
227	647.989165	127.0.0.1	127.0.0.15	UDP	36	62389 → 8080 Len=4