

CN Lab Assignment-8

1. Implementation of Go-Back-N ARQ using C or C++.

Test Case:

Input: Number of frames to be transmitted: 9

Window Size=3

Corrupted or lost frame numbers during data transmission: 1, 5

Output:

Frame 0 has been transmitted.

Frame 1 has been transmitted.

Frame 2 has been transmitted.

Acknowledgement received for frame 0.

Frame 3 has been transmitted.

Acknowledgement is not received for frame 1.

Frame 1 has been transmitted.

Frame 2 has been transmitted.

Frame 3 has been transmitted.

Acknowledgement received for frame 1.

Frame 4 has been transmitted.

Acknowledgement received for frame 2.

Frame 5 has been transmitted.

Acknowledgement received for frame 3.

Frame 6 has been transmitted.

Acknowledgement received for frame 4.

Frame 7 has been transmitted.

Acknowledgement is not received for frame 5.

Frame 5 has been transmitted.

Frame 6 has been transmitted.

Frame 7 has been transmitted.

Acknowledgement is received for frame 5.

Frame 8 has been transmitted.

Acknowledgement is received for frame 6.

Acknowledgement is received for frame 7.

Acknowledgement is received for frame 8.