

```

import java.io.*;
public class GoBackN {

    public static void main(String args[]) throws IOException
    {
        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

        System.out.println("Please enter the Window Size: ");
        int window = Integer.parseInt(br.readLine());

        boolean loop = true;
        int sent = 0;

        while(loop)
        {

            for(int i = 0; i < window; i++)
            {
                System.out.println("Frame " + sent + " has been transmitted.");
                sent++;
                if(sent == window)
                    break;
            }

            System.out.println("Please enter the last Acknowledgement received.");
            int ack = Integer.parseInt(br.readLine());

            if(ack == window)
                loop = false;
            else
                sent = ack;
        }
    }
}

```

output:-

Please enter the Window Size:

7

Frame 0 has been transmitted.

Frame 1 has been transmitted.

Frame 2 has been transmitted.

Frame 3 has been transmitted.

Frame 4 has been transmitted.

Frame 5 has been transmitted.

Frame 6 has been transmitted.

Please enter the last Acknowledgement received.

3

Frame 3 has been transmitted.

Frame 4 has been transmitted.

Frame 5 has been transmitted.

Frame 6 has been transmitted.

Please enter the last Acknowledgement received.

5

Frame 5 has been transmitted.

Frame 6 has been transmitted.

Please enter the last Acknowledgement received.

7