**Assignment 1 Part 1**

Test 1 of the Proxy program using httpforever.com

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

Test 2 of the Proxy program using visitalbanyga.com’s http website 72.167.42.236

A screenshot of a computer program

Description automatically generatedA screenshot of a website

Description automatically generated

Test 3 of the Proxy program using “dolekemp96.org” old http website

A screenshot of a computer

Description automatically generated

**Assignment 1 Part 2**

Screenshots of messages successfully transmitted

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

Testing Server and Client Behavior when simulating corruption:

A screenshot of a computer program

Description automatically generated

A black screen with white text

Description automatically generated

Testing with intentionally wrong sequence #’s sent from the client has the same effect.

The same thing happens when the ACK’s sent from the server are wrong as well.

In all of these cases, the client has a predetermined amount of attempts (5) to send the packet with the sequence # the server expects and receive the acknowledgement it expects. A timeout triggers another attempt on the client’s side if the server doesn’t respond. If the server sends the wrong acknowledgement, the client intentionally waits for a timeout.

A screenshot of a computer program

Description automatically generated

(Here a “1” is appended to the sequence number)