

http						
No.	Time	Source	Destination	Protocol	Length	Info
7465	173.760225	157.240.192.55	192.168.38.123	HTTP	102	[TCP Previous segment not captured] Continuation
7467	173.760225	157.240.192.55	192.168.38.123	HTTP	102	Continuation
7471	173.773599	157.240.192.55	192.168.38.123	HTTP	162	Continuation
7474	174.068433	157.240.192.55	192.168.38.123	HTTP	1267	Continuation
7950	186.718012	157.240.192.55	192.168.38.123	HTTP	262	Continuation
8064	187.406428	157.240.192.55	192.168.38.123	HTTP	152	Continuation
8403	192.927372	192.168.38.123	157.240.192.55	HTTP	59	POST /chat HTTP/1.1
8604	232.605422	192.168.38.123	146.75.122.172	HTTP	403	HEAD /filestreamingservice/files/b0683dd4-1a80-4fef-a654-12f434dbb6b2?P1=1723449298&P2=404&P3=2&P4=fukH9YnRyn
8607	233.130327	146.75.122.172	192.168.38.123	HTTP	651	HTTP/1.1 200 OK
8609	233.170364	192.168.38.123	146.75.122.172	HTTP	475	GET /filestreamingservice/files/b0683dd4-1a80-4fef-a654-12f434dbb6b2?P1=1723449298&P2=404&P3=2&P4=fukH9YnRyn
8614	233.829325	146.75.122.172	192.168.38.123	HTTP	478	HTTP/1.1 206 Partial Content (application/x-chrome-extension)
8619	235.261224	192.168.38.123	146.75.122.172	HTTP	478	GET /filestreamingservice/files/b0683dd4-1a80-4fef-a654-12f434dbb6b2?P1=1723449298&P2=404&P3=2&P4=fukH9YnRyn
8624	235.731123	146.75.122.172	192.168.38.123	HTTP	202	HTTP/1.1 206 Partial Content (application/x-chrome-extension)
8627	236.534493	192.168.38.123	146.75.122.172	HTTP	478	GET /filestreamingservice/files/b0683dd4-1a80-4fef-a654-12f434dbb6b2?P1=1723449298&P2=404&P3=2&P4=fukH9YnRyn
8630	236.838652	146.75.122.172	192.168.38.123	HTTP	541	HTTP/1.1 206 Partial Content (application/x-chrome-extension)
8632	237.538872	192.168.38.123	146.75.122.172	HTTP	478	GET /filestreamingservice/files/b0683dd4-1a80-4fef-a654-12f434dbb6b2?P1=1723449298&P2=404&P3=2&P4=fukH9YnRyn
> Frame 7465: 102 bytes on wire (816 bits), 102 bytes captured (816 bits) on interface \Device\NPF{...}						
> Ethernet II, Src: 3e:01:06:3b:29:45 (3e:01:06:3b:29:45), Dst: AzureWaveTec_f4:24:83 (90:e8:68:00:10:00)						
> Internet Protocol Version 4, Src: 157.240.192.55, Dst: 192.168.38.123						
> Transmission Control Protocol, Src Port: 80, Dst Port: 53661, Seq: 2075, Ack: 1030, Len: 48						
> Hypertext Transfer Protocol						
				0000	90 e8 68 f4 24 83 3e 01 06 3b 29 45 08 00 45 88	..h\$.>.;)E..E.
				0010	00 58 59 09 40 00 39 06 a2 c3 9d f0 c0 37 c0 a8	.XY.@.9.....7..
				0020	26 7b 00 50 d1 9d 93 4d 18 46 05 bb e2 5b 50 18	&{.P...M.F...[P.
				0030	01 09 fc ea 00 00 32 41 0d 0a 00 00 27 cc 9a 2a	.....2A.....*
				0040	e4 10 d8 84 a7 05 0e c8 1d f8 53 8d db e0 21 cc	.....:S...].
				0050	90 8f c3 70 92 31 95 b0 64 42 0d ae be f4 60 e9	...p.1...dB.....
				0060	9f 3f 69 f2 0d 0a	..?1...

Time	Source	Destination	Protocol	Length	Info
786.64.166821	2409:40f4:3b:5360:c...	2404:6000:4003:c11:...	SMTP	76	C: DATA fragment, 10 bytes
788.64.343616	2409:40f4:3b:5360:c...	2404:6000:4003:c11:...	SMTP	76	C: DATA fragment, 2 bytes
790.64.401148	2409:40f4:3b:5360:c...	2404:6000:4003:c11:...	SMTP	76	C: DATA fragment, 2 bytes
791.64.500593	2404:6000:4003:c11:...	2409:40f4:3b:5360:c...	SMTP	240	S: 502-5.5.1 Unrecognized command. For more information, go to   5.5.1 <a href="https://support.google.com/a/answer/322">https://support.google.com/a/answer/322</a>
794.64.606486	2409:40f4:3b:5360:c...	2404:6000:4003:c11:...	SMTP	76	C: DATA fragment, 2 bytes
2742.118.065641	74.125.130.109	192.168.205.237	SMTP	129	S: 220 setp.gmail.com ESMTP 41be03b00d2f7-7db498f9f28u0690440s12.22 - gsmtp
2788.130.343576	192.168.205.237	74.125.130.109	SMTP	56	C: DATA fragment, 16 bytes
2798.130.610782	74.125.130.109	192.168.205.237	SMTP	220	S: 502-5.5.1 Unrecognized command. For more information, go to   5.5.1 <a href="https://support.google.com/a/answer/322">https://support.google.com/a/answer/322</a>
2806.133.546790	192.168.205.237	74.125.130.109	SMTP	56	C: hello
2808.133.503122	74.125.130.109	192.168.205.237	SMTP	224	S: 501-5.5.4 Empty HELO/EHLO argument not allowed, closing connection.   5.5.4 <a href="https://support.google.com/mail">https://support.google.com/mail</a>
2970.148.095488	2404:6000:4003:c11:...	2409:40f4:3b:5360:c...	SMTP	148	S: 220 setp.gmail.com ESMTP 98e67ed5b61d1-2dd5bc180d0e1867658a91.0 - gsmtp
3176.166.722579	2409:40f4:3b:5360:c...	2404:6000:4003:c11:...	SMTP	76	C: hello
3178.166.975030	2404:6000:4003:c11:...	2409:40f4:3b:5360:c...	SMTP	243	S: 501-5.5.4 Empty HELO/EHLO argument not allowed, closing connection.   5.5.4 <a href="https://support.google.com/mail">https://support.google.com/mail</a>

  

Frame 2808: 224 bytes on wire (1792 bits), 224 bytes captured (1792 bits) on interface \Device\NPF{...} Ethernet II, Src: 2a:99:57:fb:7f:2a (2a:99:57:fb:7f:2a), Dst: Intel\_de:c3:e9 (f4:8c:69:de:c3:e9) Internet Protocol Version 4, Src: 74.125.130.109, Dst: 192.168.205.237 Transmission Control Protocol, Src Port: 507, Dst Port: 53528, Seq: 242, Ack: 23, Len: 170

Source Port: 507  
Destination Port: 53528  
[Stream index: 46]  
[Stream Packet Number: 38]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 170]  
Sequence Number: 242 (relative sequence number)  
Sequence Number (raw): 2714736421  
[Next Sequence Number: 412 (relative sequence number)]  
Acknowledgment Number: 33 (relative ack number)  
Acknowledgment number (raw): 1179087745  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x018 (PSH, ACK)  
Window: 256  
[Calculated window size: 65536]

```

0000  f4 06 09 de c3 e9 2a 99 57 fb 7f 2a 08 00 45 00  |.....*..|
0010  00 d2 00 00 40 00 74 8c aa a5 4a 78 82 6d c0 a8  |.....|
0020  cd ed 02 4b d1 18 a1 cf 97 25 40 50 90 41 50 18  |.....|
0030  01 00 30 9a 00 00 35 30 31 2d 35 2e 35 2e 34 20  |.....|
0040  45 6d 70 74 79 20 48 45 4c 4f 2f 45 40 4c 4f 20  |.....|
0050  61 72 67 75 6d 65 6e 74 20 6e 6f 74 20 61 6c 6c  |.....|
0060  6f 77 65 64 2c 20 63 6c 6f 73 69 6e 67 20 63 6f  |.....|
0070  6e 6e 65 63 74 69 6f 6e 2e 0d 0a 35 30 31 20 35  |.....|
0080  2e 35 2e 34 20 20 68 74 74 70 73 3a 2f 2f 73 75  |.....|
0090  70 70 6f 72 74 2e 67 6f 6f 67 6c 65 2e 63 6f 6d  |.....|
00a0  2f 6d 61 69 6c 2f 3f 70 3d 68 65 6c 6f 20 34 31  |.....|
00b0  62 65 30 33 62 30 30 64 32 66 37 2d 37 64 62 34  |.....|
00c0  39 38 68 39 68 32 38 73 6d 38 36 39 30 34 34 30  |.....|
00d0  61 31 32 2e 32 32 20 2d 20 67 73 6d 74 70 6d 0a  |.....|

```

```

    if (input[i] == '1') {
        count++;
        if (count == 5) {
            output[j++] = '0'; // Stuff a '0' after five
                               // consecutive '1's
            count = 0;
        }
    } else {
        count = 0;
    }
}
output[j] = '\0'; // Null-terminate the output string
}

int main() {
    char input[100], output[200];

    printf("Enter the input bit stream: ");
    scanf("%s", input);

    bitStuffing(input, output);

    printf("Bit-stuffed stream: %s\n", output);

    return 0;
}

```

Enter the input bit stream: 1 1 1  
 Bit-stuffed stream: 1

=== Code Execution Successful ===