**L227925, Faizan Saleh**

**BSE-6C**

**Quiz-2**

**Question:**

What is the length of the text for The Bill of Rights in bytes? How do

you justify this length of text when your Response Packet Size is only

490 bytes? Give a complete explanation how the length of text in

various packets add up to a total of 4500 Bytes.

**Answer:**

**Length of Text:**

The content length of Bill of rights is 4500 in bytes.

**Justifying Length**

The response packet of 490 bytes is only a reply from the server of acknowledging the requesting from the Client with a response code of 200 OK meant only as a capture length.

**Explanation:**

It can be explained as such that the packet is divided into 4 TCP segements of 1460 bytes +1460 +1460+436= 4816 bytes.

The extra bytes of 4816 exist because it includes information about HTTP request headers and other metadata information about the original packet’s information in a total TCP segment count of 4.

So, Request Headers=316 Bytes and File Data= 4500 bytes, altogether is divided into 4 segments of:

[Frame: 10, payload: 0-1459 (1460 bytes)]

[Frame: 11, payload: 1460-2919 (1460 bytes)]

[Frame: 13, payload: 2920-4379 (1460 bytes)]

[Frame: 14, payload: 4380-4815 (436 bytes)]