1. **Write a blog on Difference between HTTP 1.1 vs HTTP 2**

**DIFFERENCE BETWEEN HTTP 1.1 V/S HTTP 2**

**HTTP** stands for hypertext transfer protocol & it is used in client-server communication. By using HTTP user sends the request to the server & the server sends the response to the user. For instance, browsing on website such as Google Chrome, Firefox, etc.

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| HTTP 1.1 | HTTP 2 |
| HTTP 1.1 works on the textual format. | HTTP 2 works on the binary protocol. |
| HTTP 1.1 loads resources one after the other, so if one resource cannot be loaded, it blocks all the other resources behind it. | HTTP 2 is able to use a single TCP connection to send multiple streams of data at once so that no resource blocks any other resources. |
| HTTP 1.1 uses request resource inlining for use in getting multiple pages. | To avoid a server receiving lots of requests, HTTP 2 introduced a server push functionality. With that, the server tries to predict the resources that will be requested soon. |
| HTTP 1.1 compresses data by itself. | HTTP 2 uses a more advanced compression method called HPACK that eliminates unnecessary information in HTTP header packets. |
| HTTP 1.1’s functionality is quite slower than compared to new version HTTP 2. | HTTP 2 processes faster than HTTP 1.1. |