Date:22-01-2024

1. Write a blog on Difference between HTTP1.1 vs HTTP2

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| **HTTP1.1** | **HTTP2** |
| **Multiplexing:**  HTTP/1.1 loads resources one after the other, so if one resource cannot be loaded, it blocks all the other resources behind it. | **Multiplexing:**  HTTP/2 is able to use single,TCP connection to send multiple streams of data at once so that no one resource blocks any other resource. |
| **Server push:**  HTTP1.1 only “push” content after the client requests the server. | **Server push:**  HTTP/2 "push" content to a client before the client asks for it. |
| **Header compression:**  HTTP1.1 loads quickly small files than the large files. To speed up the web performance it compress the HTTP messages to make them smaller. | **Header compression:**  HTTP/2 uses a more advanced compression method called HPACK that eliminates redundant information in HTTP header packets. This eliminates a few bytes from every HTTP packet. |

2. Write a blog about objects and its internal representation in JavaScript.

* An object is a collection of related data and/or functionality. These usually consist of several variables and functions (which are called properties and methods when they are inside objects).
* Creating an object often begins with defining and initializing a variable.

Example: const person = {};

* An object is made up of multiple members, each of which has a name and a value. Each name/value pair must be separated by a comma, and the name and value in each case are separated by a colon.

**Syntax:**

const objectName = {

member1Name: member1Value,

member2Name: member2Value,

member3Name: member3Value,

};