

TASK-1

1. Difference between HTTP1.1 vs HTTP2?

HTTP1.1	HTTP2
1. It was developed in the year 1997.	1. It was developed in the year 2015.
2. HTTP1.1 is low performance compared to HTTP2.	2. HTTP2 is faster than compared to HTTP1.1.
3. It loads resources one after another, so if one resource cannot be loaded, it blocks all the resources behind it.	3. In these by splitting data into binary code messages and numbering these messages so that the client knows which stream each binary message belongs to.
4. Small files load more quickly than large ones. But these have no advanced method.	4. Small files load more quickly than large ones. HTTP2 use a more advanced compression method called HPACK that eliminates redundant information in HTTP header packets.

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

Objects, in JavaScript, is its most important data-type and forms the building blocks for modern JavaScript. These objects are quite different from JavaScript's primitive data-types (Number, String, Boolean, null, undefined and symbol) in the sense that while these primitive data-types all store a single value each (depending on their types).

Objects are more complex and each object may contain any combination of these primitive data-types as well as reference data-types. An object, is a reference data type. Variables that are assigned a reference value are given a reference or a pointer to that value. That reference or pointer points to the location in memory where the object is stored. The variables don't actually store the value.

```
let bike = {name: 'Gopi', Role: 'Developer', Course: 'FullStack'};
```