**TASK - 1**

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

**HTTP1.1**

* The first usable version of HTTP was created in 1997. Because it went through several stages of development, this first version of HTTP was called HTTP/1.1. This version is still in use on the web.
* It works on textual format.
* 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**

* In 2015, a new version of HTTP called HTTP/2 was created. HTTP/2 solves several problems that the creators of HTTP/1.1 did not anticipate. In particular, HTTP/2 is much faster and more efficient than HTTP/1.1.
* It works on the binary protocol.
* In contrast, HTTP/2 is able to use a single TCP connection to send multiple streams of data at once so that no one resource blocks any other resource.

**(2) Write a blog about objects and its internal representation in javascript**

* Objects are important data types in javascript. Objects are different than primitive datatypes (i.e. number, string, boolean, etc.). Primitive data types contain one value but Objects can hold many values in form of Key. Every object has some property associated with some value. These values can be accessed using these properties associated with them.
* In simple terms. “A JavaScript object is a collection of named values having state and behavior (properties and method)”.
* For example: Person, car, pen, bike, Personal Computer , Washing Machine etc.
* Take the case of cars.



Let myCar = new Object();

myCar make = ‘WAGON R’ ;

myCar model = ‘vxi’;

myCar year = 2020;

myCar wheels = 4;

myCar wieght=850kg;

myCar color = ‘white’

After creating myCar object, the value inside the object can be accessed using keys.

Example:

Mycar.year

Output: 2020

These values can be accessed using brackets notation also.

Mycar[year]

Output: 2020