Day 1 - Assignment

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

Ans

* HTTP2 is much faster and more reliable than HTTP1.
* HTTP1 loads a single request for every TCP connection, while HTTP2 avoids network delay by using multiplexing.
* HTTP is a network delay sensitive protocol in the sense that if there is less network delay, then the page loads faster.

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

Ans-

* Objects, in JavaScript, is it’s most important data-type and forms the building blocks for modern JavaScript.
* These objects are quite different from JavaScript’s primitive data-types I e 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.
* Loosely speaking, objects in JavaScript may be defined as an unordered collection of related data, of primitive or reference types, in the form of “key: value” pairs. These keys can be variables or functions and are called properties and methods, respectively, in the context of an object.
* An object can be created with figure brackets {…} with an optional list of properties.
* A property is a “key: value” pair, where a key is a string (also called a “property name”), and value can be anything.