**GUVI Assignment - 1**

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

* HTTP 2 is much faster and more reliable than HTTP1.1
* HTTP1 loads a single request for every TCP connection, while HTTP2 avoids network delay by using multiplexing.
* HTTP2 is binary whereas HTTP1.1 is a stream of characters rather than being specifically broken into separate pieces.
* A lot of performance optimizations adopted by HTTP1.1 introduced complexities in terms of developmental efforts as well as network congestion that HTTP2 attempts to address.
* HTTP2 utilizes server push to effectively reduce the page load time by a greater margin along with being less sensitive to network delays compared to HTTP1.1

1. Write a blog about objects and its internal representation in javascript

* A javascript object is a collection of named values. The named values in javascript objects are called properties.
* Example:

Let school = {

Name : “Vivekananda School”,

Location : “Mumbai”,

Established : “1973”

}

In the above examples ‘name’, ‘location’, ‘established’ are all ‘keys’ and ‘vivekananda school’, ‘mumbai’, ‘1973’ are called ‘values’ of these keys respectively.

* Each of these keys is referred to as properties of the object. An object in Javascript may also have a function as a member in which case it will be known as a method of that object.