**Blog - Difference b/w HTTP/1.1 and HTTP/2**

1. HTTP/2 is introduced in 2015 and HTTP/1.1 is in 1997.
2. HTTP/2 is much faster and reliable than HTTP/1.1.
3. HTTP/2 is based on Google’s SPDY allows multiplexing and server push than HTTP/1.1.
4. HTTP/2 have security features than previous version.
5. HTTP/2 works on binary framing layer instead of textual that converts all message into binary format.
6. HTTP/2 uses HPACK which is used to split data from header and compress it but HTTP/1.1 data by itself.
7. HTTP/2 doesn’t mandate the use of SSL certificate but in HTTP/1.1 is mandate.
8. HTTP/2 penetrates on to the client side is more than 70% as most major browsers than in HTTP/1.1.

**Blog about objects and its internal representation in JavaScript**

1. Objects is the most important data type and forms the building blocks for modern JavaScript.
2. The objects are different from JavaScript’s primitive data types (Number, String, Boolean, null, Undefined and symbol.
3. These primitive data – type all stores single value depending on their types.
4. It is complex and contain any primitive data types.
5. Object is a reference data type.
6. Object may be defined as unordered collection of related data, of primitive or reference types in the form of “key-value”.
7. These Keys are functions or variables and are called properties and methods in the context of an object.
8. “A JavaScript object is a collection of named values having state and behaviour (properties and method)”.
9. The following assigns a following Bike example for objects.

|  |  |  |
| --- | --- | --- |
| **S.No** | **Property** | **Property Value** |
| 1. | Make | TVS |
| 2. | Model | APACHE |
| 3. | Colour | Black |
| 4. | Fuel | Petrol |
| 5. | Weight | 174 Kg |
| 6. | Mileage | 47 Kmpl |
| 7. | Rating | 4.5 |

Syntax to access property from an object

ObjectName.property // Bike. Make.

So, conclusion and simple definition for JavaScript Properties is “Properties are the values associated with a JavaScript object”.

1. Object methods in an object property containing a function definition.

Function (){return ignition. On} similar to start/stop/brake on and off.

1. So, Conclusion and simple definition for JavaScript object methods is “Methods are actions that can be performed on an object.