1.write a blog on difference between HTTP1.1 VSHTTP2

Here are some of the key differences between HTTP 1.1 and HTTP/2:

1. **Multiplexing**: HTTP/2 allows multiple requests and responses to be sent over a single connection, while HTTP 1.1 only allows one request and response to be sent at a time. This reduces the overhead of establishing new connections and improves the performance of the protocol.
2. **Binary protocol**: HTTP/2 uses a binary protocol instead of the text-based protocol used in HTTP 1.1. This reduces the size of the data transmitted between the client and server, improving the efficiency of the protocol.
3. **Header compression**: HTTP/2 uses header compression to reduce the size of header data, which can be significant in HTTP 1.1. This also helps to improve the efficiency of the protocol and reduce latency.
4. **Server push**: HTTP/2 allows the server to send multiple responses to a single request, which can improve the speed and efficiency of web applications.
5. **Prioritization**: HTTP/2 allows the client to specify the priority of requests, which can improve the responsiveness of the protocol and reduce latency. In HTTP 1.1, all requests are treated equally.
6. **TLS encryption**: While HTTPS is optional in HTTP 1.1, it is mandatory in HTTP/2.

2. write a blog about objects and its internal representation in javascript

First of all, I would pin point that never be confused with JavaScript object and other language object concept they differ a lot internally. so, people who come from different language like Java/c++ they make a biggest mistake to compare with JavaScript object with others.

Coming to the point,

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.

All cars have the same properties, but the property values differ from car to car. All cars have the same methods, but the methods are performed at different times.

Let’s have an example of my favorite merc car and list out its properties(Features):

1. Make: Mercedes
2. Model: C-Class
3. Color: White
4. Fuel: Diesel
5. Weight: 850kg
6. Mileage: 8Kmpl
7. Rating: 4.5

Taking the above as reference, objects, Object properties

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| **objects** | **object value** |
| **Company**  **Model**  **Color**  **Fuel**  **Mileage** | **Mercedes**  **C-class**  **Black**  **Diesel**  **8Kmpl** |