

## Day 1 Task

### 1) Write a blog on Difference between HTTP1.1 vs HTTP2?

- HTTP stands for hypertext transfer protocol.
- It is used in client-server communication.
- By using HTTP user sends the request to the server & the server sends the response to the user.
- There are several stages of development of HTTP.
- HTTP1.1 - created in 1997.
- the new one is HTTP2 - created in 2015.

HTTP1.1	HTTP2
It works on the textual format.	It works on the binary protocol.
There is head of line blocking that blocks all the requests behind it until it doesn't get its all resources.	It allows multiplexing so one TCP connection is required for multiple requests.
It uses requests resource Inlining for use getting multiple pages	It uses PUSH frame by server that collects all multiple pages
It compresses data by itself.	It uses HPACK for data compression.

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### 2) Write a blog about objects and its internal representation in Javascript?

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.

Like all JavaScript variables, both the object name (which could be a normal variable) and property name are case sensitive. You can define a property by assigning it a value. For example, let's create an object named

***"myPhone"*** and give it properties named ***company, model*** and ***year*** as follows:

```
var myPhone = new Object();
```

```
myCar.company = 'NOKIA';
```

```
myCar.model = 'C1100';
```

```
myCar.year = 1990;
```