Day 1:

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

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| 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. |

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

In JavaScript:

* An object is a collection of properties, where each property consists of a key-value pair.
* Objects can represent a wide range of entities, including real-world objects, data structures, and functions.
* They are versatile and dynamic, allowing properties to be added, modified, or deleted at runtime.

Internal Representation of Objects: Internally, objects in JavaScript are typically implemented using hash tables or similar data structures. Each property of an object is stored as a key-value pair within this underlying data structure. When accessing or modifying a property of an object, JavaScript performs a lookup based on the property's key to retrieve or update its value.