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

/1.1: The Old Standard

- Sequential Requests: Requests handled one at a time, causing head-of-line blocking.
- Header Overhead: Full headers sent with each request, leading to unnecessary data transfer.
- No Prioritization: Resources loaded in order requested, potentially slowing down critical resource loading.
- No Server Push: Server couldn't push resources proactively to the client.

HTTP/2: The Modern Upgrade

- Multiplexing: Multiple requests handled concurrently over one connection, eliminating head-of-line blocking.
- Header Compression: Headers compressed, reducing overhead and improving efficiency.
- Server Push: Server can push resources to client before requested, enhancing performance.
- Stream Prioritization: Allows prioritization of resources for faster load times.
- Binary Protocol: More efficient parsing compared to text-based HTTP/1.1.

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

What are Objects?

- Entities with Properties: Objects in JavaScript are standalone entities with properties.
- Properties: Variables that hold data or functions (methods) within an object.

Internal Representation:

- Prototypes: Objects have a hidden `[[Prototype]]` property, forming a "prototype chain" for property/method lookup.
- Property Descriptors: Hold metadata about properties, controlling modification rules.

- Hidden Classes: Engines use these for optimization, assigning shared classes to objects with similar structures.
- Storage: Primitive values stored directly, objects/functions stored as referencs