TASK 1:

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

The purpose of HTTP is to establish connection between the client and server. Client is basically a browser and server probably cloud. The connection between client and server is done by request response

PROCESS

The HTTP request from client is sent to server tcp connection is established

The server gets the request and runs application

Server returns HTTP response to browser

For the above process due to limitation HTTP version was established

**HTTP 1.1 vs HTTP 2**

In **HTTP1.1** when the connection is established the request is sent to server only after the response from server to client another request can be made. In parallel six TCP connection can be sent.

This makes longer to load and impact performance of the browser

To overcome this in **HTTP2** a single secure TCP connection is established were streams are created and HTTP request is sent as stream. This makes browser fast no need to wait for response and wait for new TCP connection.

In HTTP1.1 the header is sent with each request to overcome this in HTTP2 HPACK was introduced to separate header and plain text. This comprise the header avoids redundancy.

**TASK 2:**

**Write a blog about objects and its internal representation in Javascript**

**OBJECTS :**

We know what variables is, variable is used to store Data.

Objects are similar to variables but here we can store multile data.

**FOR EXAMPLE** :

var a="guvi"; //*Declaring variable, here we are storing value*

var obj={

name:"swe",

course:"fullstack"} //*Declaring object, here also we are storing values but we can store* multiple values.

**OBJECT Representation**

var obj=key:value; *// syntax*

key should always be string or symbol

We can access object by objectName.key or objectName[key]

**EXAMPLE:**

var details={

location:"chennai",

college:"panimalar",

department:"computer science"

}

console.log(details.college) // *accessing object*

details.year=2020 // *adding property to object*