\*Write a blog on difference between HTTP1.1 vs HTTP2

Ans:

1.HTTP1.1

-Loads resources one after the other,so if one resource cannot be loaded,

it blocks all the other resources behind it

-It works on textual format

- Their is head of line blocking that blocks all request behind it until it doesnot get its all resources

-It uses requests resource inlining for use getting multiple Pages.

-It compresses data by itself.

2.HTTP2

-In contrast,HTTP2 is able to use a single TCP connection to send multiple streams

of data at once so that no one resource blocks any other resource.

-It works on the binary protocol.

-It allows multiplexing so one TCP connection is required for multiple requests

-It uses Push frame by server that collects all multiple pages.

-It uses HPACK for data compression.

\*Write a blog about objects and its internal representation in javascript.

Ans:

An object is a group of data that is stored as a series name value pairs

encapsulated in one entity.

ex: person, car, pen,bike,personal computer,washing machine etc.

In javascript, almost everything is an object.

booleans,numbers,strings dates,Maths,Regular,Arrays,Functions are the Object.

Datatypes:

1.Primitives Datatypes

A primitives data type is data that has a primitive value.

1.numbers

a=20

20

typeof(a)

'number'

2.string

var str="50"

undefined

typeof(str)

'string'

3.booleans

var x=true

undefined

typeof(x)

booleans

objects are variables

javaScript variables can contain single values

ex:

Let person ="John Doe"

javaScript variables are also contain many values

A javaScript object is a collection of named values

ex:

const person={firstName:"John",

LastName:"Doe",age:25}

Object properties:

The named values,in javaScript objects, are called properties

property value

firstName John

LastName Doe

age 25

Objects written as name value pairs are similer to

\*Associative arrays in PHP

\*Dictionaries in python

\*hash table in called

\*hash map in javaScript

Object Method

Methods are actions that can be performed on object

Objects properties can be both Primitive values,other object,and Functions

An object method is an object property containing a function definition.

property value

firstName John

LastName Doe

age 25

fullName function(){return this .firstName+""+this.LastName;}

Creating a javaScript Object

With javaScript,you can define and create your own objects:

Create a object using object.create()