**1.Write a blog on difference between HTTP1 and HTTP2**

**HTTP1**

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 but we will focus mainly on HTTP/1.1 which was created in 1997 & the new one is HTTP/2 which was created in 2015.

**HTTP/2:**

HTTP/2 was developed over the SPDY protocol. HTTP/2 works on the binary framing layer instead of textual that converts all the messages in binary format. it works on fully multiplexed that is one TCP connection is used for multiple requests. HTTP/2 uses HPACK which is used to split data from header. It compresses the header. The server sends all the other files like CSS & JS without the request of the client using the PUSH frame.

**2. Write a blog about Objects and its internal representation in Java**

Objects, in JavaScript, are its most important data-type and form the building blocks for modern JavaScript. These objects are quite different from JavaScript’s primitive data-types (Number, String, Boolean, null, undefined and symbol) in the sense that while these primitive data-types all store a single value each (depending on their types).

**3. codekata practice**

1. To solve the problems

2. To develop our problem solving skills

3. To develop our technical solution skills.

**4. IP Address , port, HTTP Methods, MAC Address**

IP ADDRESS:

An IP address allows information to be sent and received by the correct parties, which means it can also be used to track down a user's physical location in some instances.

PORT:

A port is a virtual point where network connections start and end.

HTTP METHODS:

1. Create 2. Read3. Update 4. Delete

MAC ADDRESS:

Manufacture Address