**Task 1**

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Q1. Write a blog on difference between HHTP1.1 vs HTTP2.

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| **HHTP1.1** | **HHTP2** |
| i)It uses/works on textual notations or format. | i)It changes the text into binary numbers or it operates on binary format. |
| ii)The response through this protocol is slower. | ii)The response through this protocol is faster. |
| iii)Compression of data is done by itself. | iii)Compression of data is done by HPACK. |
| iv)There is presence of head of the line blocking in which only one task is performed at a time and other tasks get stopped until the first task gets completed. | iv)Multiplexing is allowed here, at a time multiple tasks can be performed without any barrier. |
| v)Response time is high. | v)Response time is low. |
| vi)there is a threat to API security. | vi)As HPACK is present so it can overcome the API security threat. |

Q2.Write a blog about object and internal representation in JavaScript.

🡪**Objects**: Objects are the standalone entity in which many characteristics takes place with different problem solving emphasis. For example; Car, Bike, Laptop, Mobile.

In JavaScript the objects are defined as the collection of key: value pair or objects store the data in the form of key: value pair. It also explains the necessity, importance of the variable attached to the object.

Declaration:

let obj.name={

prop1:value1,

prop:value2, (“,(comma)” is used to separate one property value with other)

};

**Example:**

let foodMenue={

dish:fryrice,

texture:dried,

rice:basmati,

};

Like all JavaScript variable, both objects and its properties are case sensitive. An object property name can be any valid string, the property name of the object starting with Numbers ,in between string spaces or hyphens, such names should be under square bracket.

For ex:

myCar['company'] = 'Ford';

myCar['model'] = 'Mustang';