**JAVA SCRIPT**

* Java script is a high level programming language. It is used to create dynamic and interactive content for the user on web page.
* Java script is initially to make web page. Then interaction without load the entire page.java script can be used both front end and backend development.
* On the front end its commonly used for animation, validation, creating interacting user interface.
* On backend it is used with node.js to build a server side application.

We can use this developer console to test our java script coding

browser🡺 right click🡺 inspect🡺console

short cut= control+shift+j

to clear console

control+l

Data type

There are 5 data types in java script. They are

* Number
* String
* Boolean
* Null
* Undefined

Number:

* In java script float also consider as integer.
* We can check type of variable by using type of keyword.

String:

* Any sequence of character within either single quotes (‘ ’)or double quotes(“ ”) is treated as string.
* Triple quotes is not available in java script.
* We can also concatenate the string and integer by using + operator
* To find the number of character in a string 🡺 use string.length . In this space also consider as a character
* To access the character of string🡺 by using index, in java script index of 1st character is zero

Boolean:

The only allowed value,

* True
* False
* Both are case sensitive

Null:

null value means nothing . variable not pointing to any object. Null is unassigned value

Undefined:

Variables that are declared but not initialized, are considered as undefined

Most commonly used methods:

* Alert()🡺 to display alert to end user
* Console.log()🡺 to print message to developer console
* Prompt()🡺 to get input from end user



