**JAVASCRIPT WEEK 1**

What is Java Script?

* Programs (eg., bosses around) the web.
* Creates interactivity – if it works on mobile, its probably Java Script.

**Java Script Variables**

* Heart at every program you make.
* Used to store information.
* Can not start with numbers and have space in-between.

Example:

Var myVariable;

myVariable = 10;

**Java Script Increment & Decrement**

**Increment** (++) the increment operator adds one to its operand and returns a value.

Operator: + symbol

Operand: Value being acted upon.

**Decrement** (--) the decrement operator subtracts one from its operand and returns a value.

**Strings & Arrays**

**Strings**:  
In JavaScript, a string is a data type that represents a sequence of characters. Strings are used to store and manipulate text. You can create a string by enclosing a sequence of characters within single quotes (' '), double quotes (" "), or backticks ().

Var myVar2 = “Hello”;

**Arrays:**

Array a collection of items, create a array with- [ ]

Let myFavoriteNumber = [ 9, 2, 3, 8]

Adding element in a array you use .push. – myFavoriteNumber.push(“10”)

Removing element in array you use .splice – myFavoriteNumber.splice(1,1) – [9,3,8.10]