WEEK 21(Dec. 23rd to 27th):

A JavaScript function is a block of code designed to perform a particular task. A JavaScript function is executed when "something" invokes it (calls it).

// Function to compute the product of p1 and p2  
function myFunction(p1, p2) {  
  return p1 \* p2;  
}

Objects are variables too. But objects can contain many values. This code assigns **many values** (Fiat, 500, white) to an **object** named car:

const car = {type:"Fiat", model:"500", color:"white"};

An HTML event can be something the browser does, or something a user does. Here are some examples of HTML events:

* An HTML web page has finished loading
* An HTML input field was changed
* An HTML button was clicked

A JavaScript string is zero or more characters written inside quotes. You can use single or double quotes.

Javascript strings are primitive and immutable: All string methods produce a new string without altering the original string.

String length

String charAt()

String charCodeAt()

String slice()

String Search Methods

String indexOf()

String lastIndexOf()

String search()

JavaScript has only one type of number. Numbers can be written with or without decimals.

let x = 3.14;    // A number with decimals  
let y = 3;       // A number without decimals