What is Javascript?

The JavaScript programming language is used to write programs that run-in web pages. It can make the page respond based on the user clicks a button or moves the mouse as well as controls how the web page looks.

Let’s start writing Javascript…

If you do not have Google Chrome, make sure to download Google Chrome. <https://www.google.com/chrome/>

1. We will start out writing console in Google Chrome.
2. Open up Google Chrome, right click then go to “Inspect”.. then click on “Console”.
3. We can test out by typing 1+2 then press enter. The console will reflect the answer as 3.

Will have a button when clicked the it will display what is Syntax, what is Fixed Values etc.

**Syntax**

What is Syntax?

Syntax { “

Syntax in JavaScript are defined as two types of values. Fixed values and variable values.

*Fixed values are called literals.*

Examples…

1. Numbers (1, 2, 3, or 1.5, 3.4)
2. Strings (“Smith”). It can be written as double or single quotes. (‘Smith)

*Variable values are called variables. Variables are used to store data value.*

We can use **var, let** to declare variable.

For example…

let x;

x = 1;

In this example, an equal sign is used to assign values to variables.

In JavaScript, there are three basic types of data: numbers, strings, and Booleans.

Numbers are numbers.

Strings are used to represent text with quotations around it. Example: “Hello World!”

Booleans are values that can be true or false. True; False

You can multiply two numbers, but you can’t multiply two strings.

Semicolon (;) represents the end of Javascript command.

**Object**

Objects are not variables, they are values. they could be containing many values.

For example: To declare an object we need to use ‘var’ or ‘let’ follows by curly brackets to store within the brackets. Example:

let employee = {// employee is variables

name: “Z”, // object is the value storing in variables

id: “12”

}

We have in this case 2 different properties. They are name and ID.

As a syntax rule use curly brackets

let employee

employee