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Front End Development





Recap on Javascript Terms

SESSION TYPE : LESSON

WBD4300,

Intro	Assignment	Date Formats
Where to place it	Data types	Date Methods
Output	Functions	Arrays
Statement	Objects	Array Methods
Syntax?	Scope?	Array Sort
Comments //	Events	Booleans
Variables var	Strings	Comparisons?
Operators	String Methods	Conditions
Arithmetic	Numbers	Switch
	Number Methods	Loop For
	Math	Loop While
	Random	
	Dates	



Let's discuss the terms below, highlight ones we are unsure about and discuss the meaning.

Output

Statement

Syntax?

Comments //

Variables var

Operators

Arithmetic

Assignment

Data types

Functions

Objects

Scope?

Events

Strings

String Methods

Numbers

Number Methods

Math

Random

Dates

Date Formats

Date Methods

Arrays

Array Methods

Array Sort

Booleans

Comparisons?

Conditions

Switch

Loop For

Loop While

Intro

One of many JavaScript HTML methods is getElementById().

```
document.getElementById("demo").innerHTML = "Hello JavaScript";
```

This example uses the method to "find" an HTML element (with id="demo") and changes the element content (innerHTML) to "Hello JavaScript"

JavaScript accepts both double and single quotes:

```
.innerHTML = 'Hello JavaScript';
```



Where to place it

between `<script>` and `</script>` tags.

Scripts can be placed in the `<body>`, or in the `<head>` section of an HTML page, or in both.

External Script:

```
<script src="js/myScript.js"></script>
```

Put this in the `<head>` section



Output

Real World definition:

send an email, work that you do.

Javascript definition:

if we use the alert command we get a pop up window.

Its not a preserved word it describes what is happening.
Anyway of showing data.



Statement

Real World definition:

Any sentence.

Javascript definition:

A line of code.

Description of an element.



Syntax

Real World definition:

Capitalisation and punctuation and grammar.

Javascript definition:

If the statement is structured wrong the script wont run.



Arrays

Real World definition:

An array of cars in the car park.

Javascript definition:

a list of data.

1,2,3,4.



Boolean

Real World definition:

Light switch

Javascript reference definition:

type of variable.



Objects

Real World definition:

A Bottle, a car, a TV set.

Javascript reference definition:

Objects are variables inside variables
How is it use in JS?



Function

Real World definition:

doing something what it does.

Javascript definition:

execution of a block of code.



Self Directed

I have sent you a ready made script of a JavaScript drop down menu.

[Drop_down_menu_shopping_cart.zip](#)

Please rewrite the script as displayed on the lecture monitor, then make a functioning drop down menu.

