JavaScript

- A variable is a named container that allows us to store data in our code.
- Control flow is the order in which a computer executes code in a script.
- all strings are surrounded by quotation marks
- e.g var topics = "HTML, CSS, Git, JavaScript"; to access the string, we can simply refer to topics
- console.log(topics); topics (argument), console (test environment), log.(method/instructions) The method will output whatever we add inside the parentheses to the console.
- Control+Shift+I inspect using Chrome DevTools
- if (condition) {// block of code to be executed if condition is truthy} if the value isn't truthy then the computer will not carry out the action within the {} brackets
- else if (second condition) {} for more than one condition
- === checks to see if two values are equal, and returns a Boolean result (true or false)
- an array is a group of related data
- The first item in any JavaScript array has an index of 0
- A for loop uses the pattern of indices to and allows a single code block to be executed over and over
- var x = 0; first statement in our loop e.g start from variable a
- x < shapes.length; second statement in our loop - the condition
- x++ shortcut for x+1
- for(var x = 0; x < shapes.length; x++) { // code bloc} example of a for loop
- To comment out multiple lines of JavaScript code, put /* before and */ after
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