Larah Schneider

Coding Homework

April 16, 2019

JavaScript Homework

1. What are the 6 main data types used in JavaScript?

The 6 main data types used in JavaScript are:

1. String
2. Number
3. Boolean
4. Null
5. Undefined
6. Object

2. What is the syntax for declaring a variable, and what are the three available names for declaration?

The syntax for a declaring a variable is to use the var command, which tells the computer to reserve some memory for your program to store some data. The stored data an be used to build interactive programs; however, without variables your computer has no way of remembering information.

The three available names for declaration are: variable name, value, equal, and const.

3. What is the function of console.log()?

The function of console.log()? Is a method used that allows a script to log data onto the JavaScript console.

4. How do you select an HTML element with the ID of "example-text" within JavaScript and then assign it to a variable named SelectedHTML? (Hint: remember the document object)

In the document object the individual HTML elements are all connected to one another, and the way the document is structured allows you to use JavaScript to access, change, add, or remove any of the HTML elements inside the document. Using the document object, you can find the HTML element by its id, for example “example-text,” and using this function change the variable name to SelectedHTML. This should create an alert of the name change. To access the document object, you have to type the keyword, and you have to use the dot (.) notation. Each new instruction in the document object must be separated by a dot (.).

Larah Schneider

Coding Homework

April 16, 2019

5. Write out the structure of a function within JavaScript, then write how you would call that function. You may name this function any name you choose.

The JavaScript function is defined with the function keyword, followed by the name, followed by the parentheses (). The function names can contain letters, numbers, underscores, and dollar signs. The parentheses can be separated by commas.

Example: Password!

<script>

Function sayPassword() {

Alert (“Password!);

}

sayPassword();

</script>

The word Password! Should appear on the computer screen.

6. What would be the output of this code?

if (20 > 15) {

console.log("20 is greater than 15");

} else {

console.log("20 is less than 15");

}

The output would be a correction starting 20 is greater than 15 instead of the incorrect answer of 20 is less than 15.

Larah Schneider

Coding Homework

April 16, 2019

7. What would be the output of this code?

function multiply(num1, num2) {

return num1\*num2;

}

multiply(10, 10);

The output of this code would be to multiply the two numbers.