December 7, 2021

Hands on JavaScript Project: Solar Calculator

Covering:

1. Functions

a. loops

b. Switch and Select

c. Interrogating the DOM

d. Solar Calculator

Exploring Functions:

1. Create a Function

2. Call a Function

3. Passing Values In

4. Returning Values

5. Calling a Function from a Function

6. Round Room Application

Overview Functions:

1. function test () {

}//end of function

>>

To call the function above we use a test ‘alert(“Hello World from Paul”)’

Function test() {

Alert(‘Hello World from Paul’)

}//end of function

Test(); << this is calling our function

Graphical user interface, text, application, chat or text message

Description automatically generated

2. You can also pass values to a function:

function test( ) {

alert(‘Hello World from ‘+ );

}//end of function

Test(**‘Jane’**) in this case we include the name of jane in the test function

A picture containing diagram

Description automatically generated

When we perform the alert, we take out Jane’s name from the username

Graphical user interface, text, application, chat or text message

Description automatically generated

3. The next example:

Function test( ) {

var x =sonAge + 20;

} //end of the function

var motherAge = test( );

>>now let motherAge = test(12);

Graphical user interface, text, application

Description automatically generated

4. Go in to the JavaScript-Solar-Calculator #2/practice1 go in main.js to start typing (steps 5-9.)

11.Two different ways to call a function: from a html button and a line of code in JavaScript

9.