

Week2 Study Questions

12. Write an example of a XHTML comment? A JavaScript comment

`<!-- end div -->`, single line comment `// display 500`, multi- line `/*This is the beginning code for the gallery carousal on the home page */`

13. List and define the data types available in JavaScript.

String- text characters

Numbers- all Whole numbers, including Integers and floating point numbers

Boolean – special values known as constants (true/false or 1 /0)

Array- a group of related variables (like a list)

Function- performs a task (the basis of a page's functionality)

Object- an object is a named collection of variables and functions

14. What is concatenation?

A series of interconnected strings

15. Define the purpose of a conditional statement.

To check the truthiness or something and respond accordingly

16. What is the difference between a local and global variable?

A local variable is created within a function. A global variable continues if no specifications are added in the code.

17. Give an example of when you might need to use a repeat loop.

If you are coding a process and need to test array more than once, Coding a process of making a Cake: if you have all the ingredients or not (Boolean value that equates to 1 = 0). Slightly different

18. Write an example of a function that returns the result of “a” times “b”.

Var a= 4;

Var b = 2;

Alert (a*b);

//display 8

19. What is a parameter or “argument” and how is it related to a function?

A measurement factor that sets a condition (passes input to the function)

Week2 Study Questions

20. What are JavaScript operators and how are they used?

Operators go between data elements to indicate how Script should evaluate the elements. Used to manipulate data

21. List 5 types of events that we can use JavaScript to listener for.

Click, mouseOver, keyDown, keyUp, buttonDown

22. Define childNodes, firstChild, and lastChild properties.

An element's attribute, first child is the first attribute, lastchild is the last attribute

23. What property do we use to access the text within an XHTML element?

nodeValue

24. What is meant by graceful degradation of a JavaScript?

To use the proper tool to process (like libraries) when the equipment does not use JavaScript