W1D5 Reading Assignment.

1. What are alternatives to default parameters?

-> Alternatives to default parameters is to set default values for parameters not while declaring the function but inside the function body which will check when the parameter is omitted and compare with undefined.

E.g. function javaScript(text){

If( text === undefined){

text = “no text”

}

We can also use || “Or” operator – E.g.

function javaScript(text){

text = text || “no text”

}

1. What are things you should consider while naming a function?

* Generally function names should be concise and descriptive.
* As function are actions, name of function is usually verb, i.e. name the function with verbal prefix which vaguely describes the action.

e.g. showMessage(); getAge(); calcSum();

* One function one action will be better
* Name of function should do exactly what is suggested by its name
* It should be brief, as accurate as possible and describe what the function does.

1. Do functions need to be always commented? Write your understanding based on the reading.

* No. if a function is big and does multiple task than it will be worth to split in to smaller functions doing each function a single task. A separate function is not only easier to test and debug but is very existence is a great comment.

1. When to choose Function Declaration versus Function Expression?

* Function Declarations are processed before the code block is executed. They are visible everywhere in the block.
* Function Expressions are created when the execution flow reaches them.
* Function declaration syntax is preferable first and better option because it is visible prior to the declaration itself. As it gives more flexibility in code organization and is usually more readable. We can call them before they are declared.
* When a Function Declaration is not fit for the task or not preferable for some reason or we need a conditional declaration then Function Expression should be used

1. Function are values in JavaScript. They can be assigned, copied, or declared in any place of the code. Is this a true or a false statement? Support your answer with examples.

* This is true statement. A Function can be created and assigned to a variables like any other value. It can be pass between variables and run when needed and can work with similar to other kinds of values. Function can be copied to another variables.