In this essay I want to discuss JavaScript functions. I also want to discuss how and why JavaScript functions are used. As well, I will show in code a JavaScript function that with four parameters that returns a sting using the four parameters and I will also discuss when JavaScript functions should be used. So, what is a JavaScript function?

A JavaScript function is “a block of code that encapsulates one isolated, self-contained behavior for the computer to perform.” (Lemonaki, 2021). As a set of detailed and organized directions that match to a specific task that a user wants to invoke within a program, we “call” upon functions to do just that. “Functions are an important and useful part of programming because they create reusable code.” (Lemonaki, 2021). “To describe how functions are used in JavaScript, it is important to understand parameters and arguments. Parameters are names that you give to pieces of data that are provided to a function when it called. Arguments are the values you provide to functions. When a function is called with arguments (according to the specified parameters of the function), programmers refer to that as passing the arguments into the function.” (Minnick & holland, 2015). JavaScript functions should be used when we want to reuse a piece of code without having to write it over and over.

A code example looks like this below:

function background (

name = “Chad”,

age = 41,

occupation= “student”,

address = “2000 mahogany Wood Trail”) {

console.log (name, age, occupation, address);

}

Result: Chad, 41, student, 2000 Mahogany Wood Trail

In conclusion we have learned what JavaScript functions are. We can see a code example above. We now know why JavaScript functions are important because of what they can do for us as developers being that they will make our code less repetitive and also easier to read.

References:

Lemonaki, D. (2021, September 8). What is a Function? JavaScript Function Examples. freeCodeCamp.Org. Retrieved July 18, 20222, from <https://freecodecamp.org/news/what-is-a-function-javascript-function-examples/>

Minnick, C., & Holland, E. (2015). Coding with JavaScript for Dummies (1st ed.) For Dummies