

Homework #1 – Javascript Minicamp – 8/2017

Feynman Writing Prompts - Defined

- Variables
- Strings
- Functions (arguments, return)
- if statements
- Boolean values (true, false)

Variables – Like shoe boxes for putting all of your xbox games into. One shoe box can be for racing games and another for puzzle games.

Strings – Text Characters. Can be any text inside single or double quotes. Quotes look like this: ' ' ex. Single Quotes ' Hi. I am a single quote. '

Double quotes look like this: " " ex. " Hi. I am a double quote."

Never mix single or double quotes together when you first start to learn Javascript. You will learn how to do that later on.

Your name or friends name can be used in a string in Javascript like this: "Hi. My name is John and I am a string."

Functions – A block of code written to perform a particular task. A function works when it is called.

Functions are like a project you would like to do such as baking a cake recipe or instructions that come with how to build a tree house. When you run or call a function, there are steps you take, starting from step one, till you get to the last step to complete your project. Such as steps in your home. To go to the second floor, you take the first step till you get to the last step on the second floor.

If statements – This is how you name a block of code to work if a certain condition or task is true. Such as saying, "Hey Bob, I would like you to run this code, but only under the directions I give you, or else, If I don't give you these instructions, then you will not be able to run this code."

Boolean – A value or expression that can be true or false. Such as : Is 10 greater than 100?
The answer

would be false. Is 100 greater than 5? The answer would be true.

For an expression, here is another example such as: If it is raining really hard outside, and I don't want to get wet, I don't need to take my umbrella. This would be false. Why? Without an umbrella I would get wet if it is really raining very hard outside.

A true expression example in using a Boolean in JavaScript would be: If it is very sunny outside, you should always wear sunglasses. It is very sunny outside today, so I will wear my sunglasses, because they will protect my eyes.