Week 1 Research

What data types do we have access to in JavaScript? What makes them each unique? What values can they hold?

*Well JavaScript has many different types of data types. They are the following with what was covered in the first week:*

*// Number - which is just an integer. Which values are 1,2,3,ect*

*//String - is textual data as in a sentence or word that is needing to be displayed on the screen. As everyone uses the first string to learn “Hello World!”.*

*//boolean - is just a true or false statement. Which print out whether true or false.*

*Other data types that are going to be covered later in class are:*

*// Object - is a collection of data to show. As in num1 + num2.*

*// BigInt - is an integer with an arbitrary precision as in 1n.*

*//undefined - a data type that is not initialized. Ran into that during the lab. I forgot to put the information on what the value was equal too.*

*//null - denotes a value a null.*

*// symbol - data types that are unique.*

*Each one is unique in their own special way just like cars. No one is built the exact same way. They have different features, different colors, different styles. Just like every programmer. I referenced the following websites to get my information:*

[*https://www.programiz.com/javascript/data-types*](https://www.programiz.com/javascript/data-types) *and* [*https://www.w3schools.com/js/js\_datatypes.asp*](https://www.w3schools.com/js/js_datatypes.asp)*.*

*What is your favorite thing you learned this week?*

*I learned this week that you can easily mess up code with just one punctuation being incorrect. As I was trying to complete the lab I had just finished creating the variable for streetAddress. Then started printing all the variables with the console command. And the first line was not changing colors like the rest of them. I saved the document and then went to the HTML page to display it and it was providing me with an error message. I was having a hard time trying to find the error, so I deleted all the code that I had written in the console commands. Then re-typed them in. Was still getting the error message, so I decided to go through everything that I had written and found that I put a comma in place of a semi-colon. After replacing the comma all my codes started changing colors to match all the rest. Also something I learned is that all the code that is written is unique to each programmer. Doing the lab I played with different ways to come up with solutions and there are more than one way to complete it. Yes, there are very simple ways to complete it and very complex ways to complete it. I started out in the complex way of doing things and then watched the video in the lab. Seeing how much similar things could have been written was very eye opening and tried different ways to complete the lab with easier methods.*

*There are also many websites out there to help with understanding things but some are written more complex than others and some are written very simple so doing the research of which one provides the information that you are looking for and breaks it down for you is a test its self.*