Observation Report

JavaScript Hands On 1

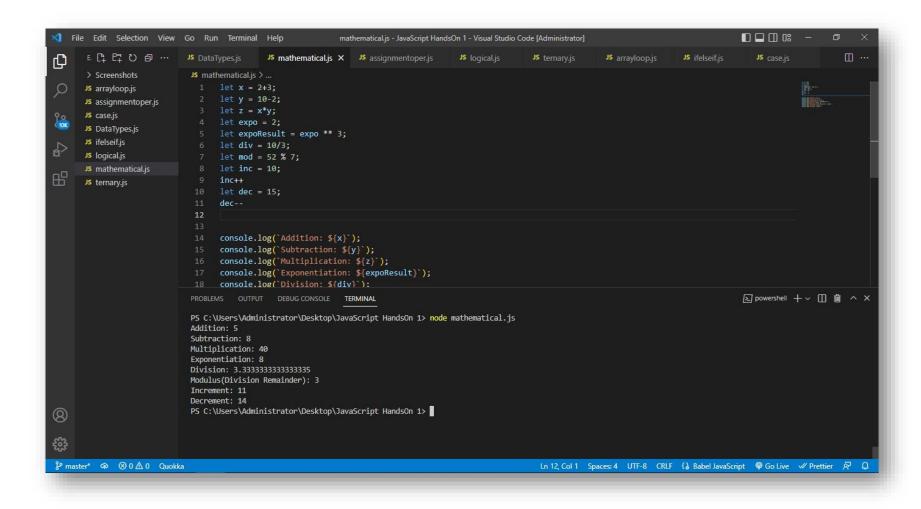
Rodney R. Giray Date: January 1, 2023

Instructor: Alfren James Cabuquit WD37

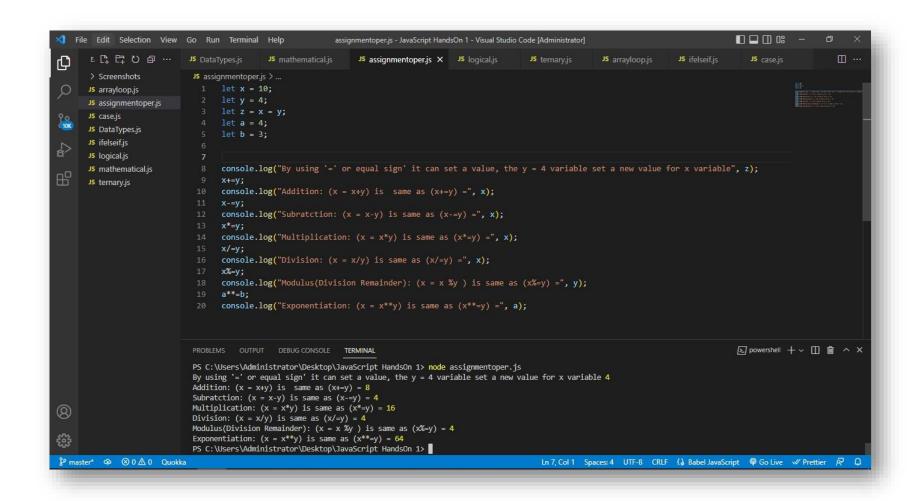
Data Types – I noticed, if we use the type of it will show the type of Data types. In addition, the array is type of Data is Object, it has the same Data Type to Object and displaying output is vertically.

```
File Edit Selection View Go Run Terminal Help
                                                            DataTypes.js - JavaScript HandsOn 1 - Visual Studio Code [Administrator]
                                                                                                                                                   E 🖺 본구 강 🗗 ··· JS DataTypes.js 🗴 JS mathematical.js JS assignmentoper.js JS logical.js JS ternary.js
                          JS DataTypes.js > ...
                           1 let numberLet = 123;
                                                                                                                                                                III BASS
                            2 let stringLet = "Rodney";
                            3 let objectLet = {Name: "Rodney", LastName: "Giray"};
                            4 let isTest = true;
                            5 let arrayOfColors = ['Android','IOS','Chrome','Brave'];
                            6 let nullValue = null;
   JS ternary.js
                           10 console.log("Number:", numberLet, typeof numberLet);
                           11 console.log("String:", stringLet, typeof stringLet);
                           12 console.log("Boolean", isTest, typeof isTest);
                           13 console.log("Array:", arrayOfColors, typeof arrayOfColors);
                           14 console.log("Null Value:", nullValue, typeof nullValue);
                           15 console.log("Object:", objectLet, typeof objectLet);
                           16 console.log("Undefined:", age, typeof age);
                                                                                                                                                   ☑ powershell + ∨ Ⅲ 葡 ^ ×
                          PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                          PS C:\Users\Administrator\Desktop\JavaScript HandsOn 1> node DataTypes.js
                          Number: 123 number
                          String: Rodney string
                          Boolean true boolean
                          Array: [ 'Android', 'IOS', 'Chrome', 'Brave' ] object Null Value: null object
                          Object: { Name: 'Rodney', LastName: 'Giray' } object
                          Undefined: undefined undefined
                          PS C:\Users\Administrator\Desktop\JavaScript HandsOn 1>
master* � ⊗ 0 △ 0 Quokka
                                                                                                      Ln 13, Col 60 Spaces: 4 UTF-8 CRLF (  Babel JavaScript  PG Go Live  ✓ Prettier  P Q
```

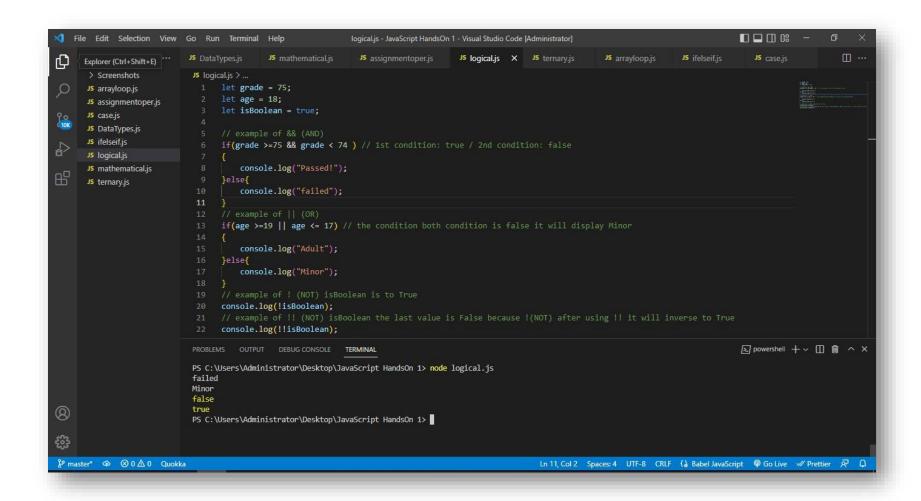
Arithmetic Operators – I observed that when using arithmetic operators, it's very accurate even the exact decimals display on the output.



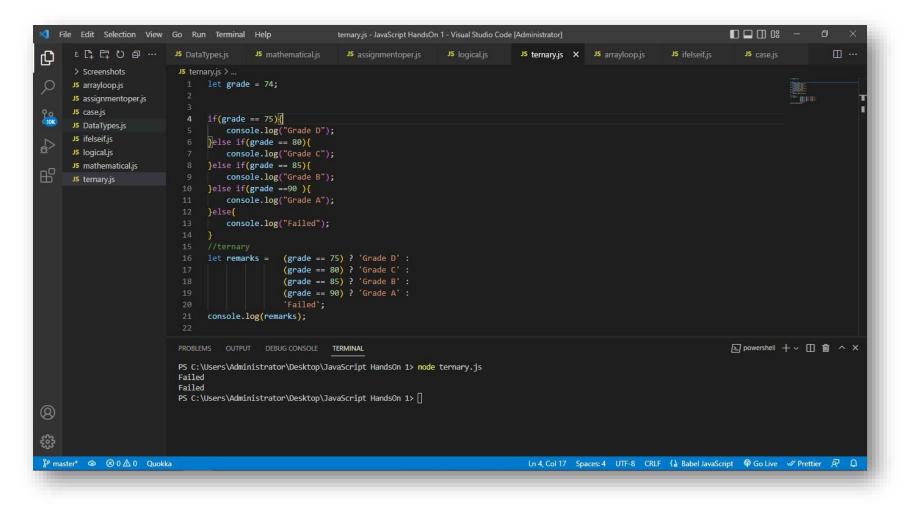
Assignment Operators – I noticed, it easy to use this shorthand for assignment operators and when the value is display it's very accurate.



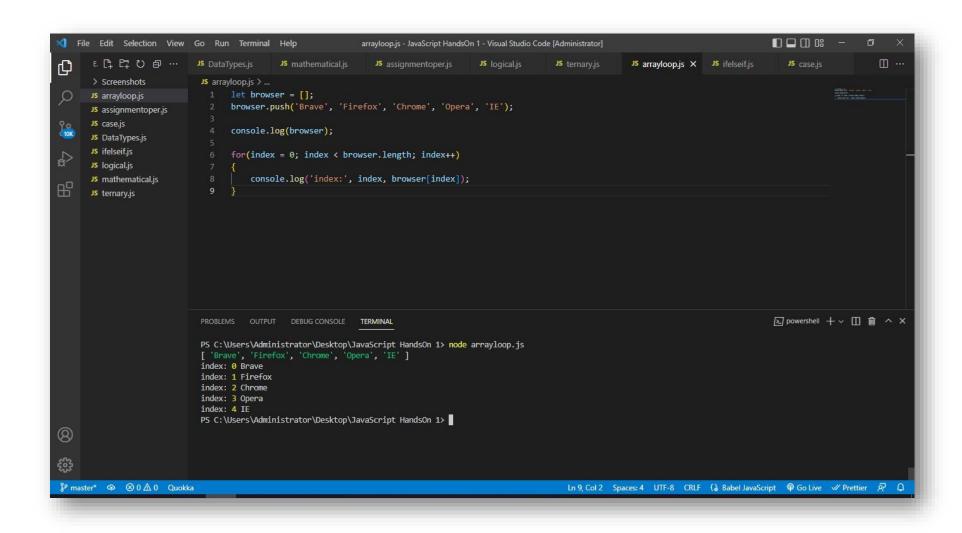
Logical Operators − In this activity it was fun to play with Boolean specially using || or NOT operator.



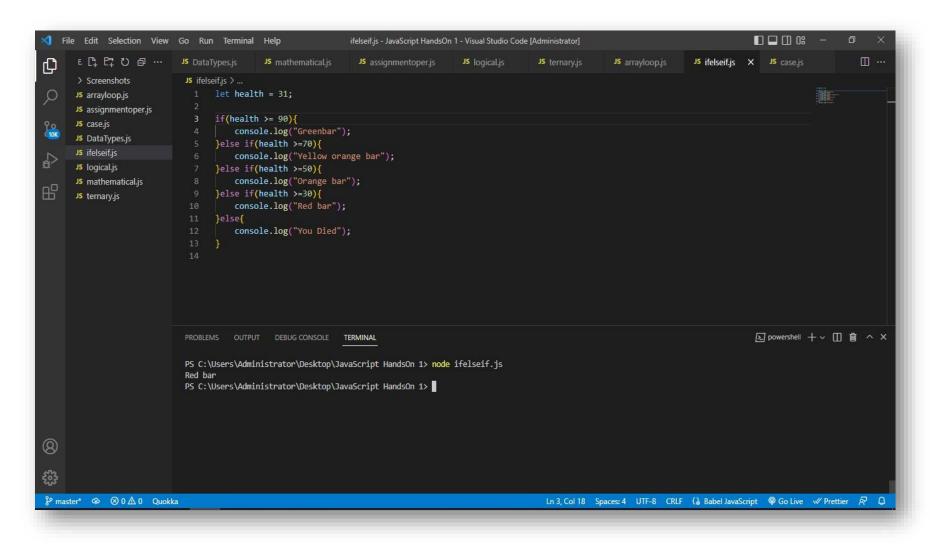
If else statement convert to Ternary – In this activity, I'm glad that JavaScript implemented this ternary, it gives developer to choose which one want them to use.



Array and Loop – I noticed, if you want to loop the stack of array you need to use index for default.



If else if — In this activity, by using if and else if it will this the block of code if the statement is true. While else it will display the block of code if the statement is false.



Case Statement – I noticed is easy to use but it's limited. It's very useful if you have a specific value or statement you want to choose.

