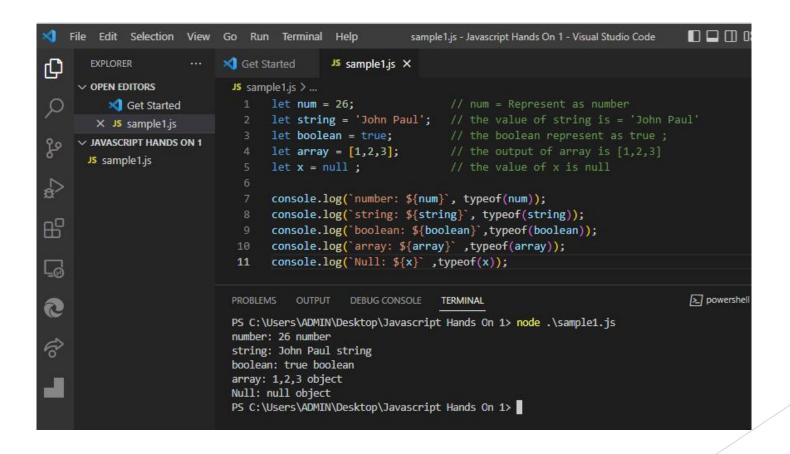
Name : John Paul S, Baluyot Batch "WD37"

Activities

Javascript Hands On 1

1, Create a Js file that will show different Data Types (Number, String, Objects). Used typeof to show the data types.



2, Create Js file to show different Mathematical Operations (+ , - , * , / ,** , % , ++ , --).

```
File Edit Selection View Go Run Terminal Help
                                                           sample2.js - Javascript Hands On 1 - Visual Studio Code
                             M Get Started
       EXPLORER
                                               JS sample1.js
                                                               JS sample2.js X
     V OPEN EDITORS
                              JS sample2.js > ...
          Set Started
                                   let number = 50;
          JS sample1.js
                                    let addition = number + 1;
        × JS sample2.js
                                    let subtraction = number - 1;
     V JAVASCRIPT HANDS ON 1
                                    let multiplication = number * 2; // multiplication
       JS sample1.js
                                    let division = number / 2;
       JS sample2.js
                                    let exponentiation = number ** 2; // Exponentiation multiply by itself
                                    let modulus = number % 2;
品
                                    let increment = number ++ ;
                                    let decrement = number -- ;
console.log(`addition: ${addition}`);
                                    console.log(`subtraction: ${subtraction}`);
0
                               14 console.log(`multiplication: ${multiplication}`);
                                    console.log(`division: ${division}`);
                                    console.log(`exponentiation: ${exponentiation}`);
                                    console.log(`modulus: ${modulus}`);
                                    console.log(`increment: ${increment}`);
                                    console.log(`decrement: ${decrement}`);
                              PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                              PS C:\Users\ADMIN\Desktop\Javascript Hands On 1> node .\sample2.js
                              addition: 51
                              subtraction: 49
                              multiplication: 100
                              division: 25
                              exponentiation: 2500
                              modulus: 0
                              increment: 50
                              decrement: 51
                              PS C:\Users\ADMIN\Desktop\Javascript Hands On 1> [
```

3, Create Js file to show different Assignment Operators (= , += , -= , *= , /= , %= , **=).

```
File Edit Selection View Go Run Terminal Help
                                                        sample3.js - Javascript Hands On 1 - Visual Studio Code
                                    JS sample2.js
                                                    JS sample3.js X
    JS sample3.js > 😭 operator7
         let number = 50;
          operator1(); operator2(); operator3(); operator4(); operator5(); operator6(); operator7();
         function operator1(){
              number = 60;
              console.log(number)
         function operator2(){
              number += 60;
              console.log(number)
         function operator3(){
              number -= 60;
              console.log(number)
         function operator4(){
              number *= 60;
              console.log(number)
         function operator5(){
              number /= 60;
              console.log(number)
         function operator6(){
              number %= 60;
              console.log(number)
         function operator7(){
              number **= 60;
              console.log(number)
   PS C:\Users\ADMIN\Desktop\Javascript Hands On 1> node .\sample3.js
   120
   3600
   PS C:\Users\ADMIN\Desktop\Javascript Hands On 1>
```

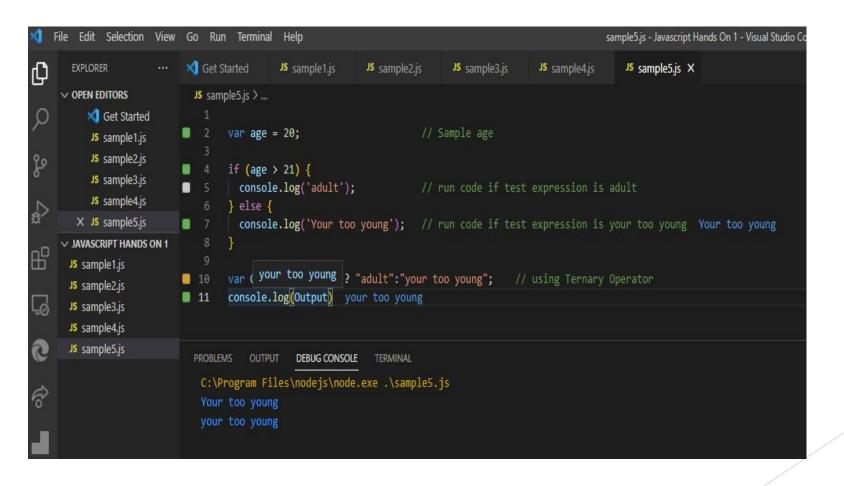
4, Create Js file to show different Logical Operators (&& , | | ,!).

```
XI File Edit Selection View Go Run Terminal Help
                                                                       sample4.js - Javascript Hands On 1 - Visual Studio Code
                       ··· 🔀 Get Started
       EXPLORER
                                              JS sample1.js
                                                                              JS sample3.js

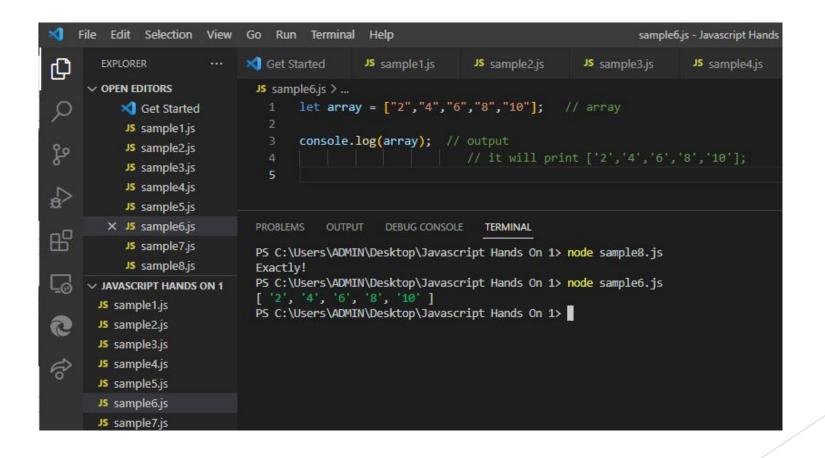
∨ OPEN EDITORS

                              JS sample4.js
          Get Started
                               2 console.log(true && true); // true Logical AND: True if both the operands are True , else returns true
          JS sample1.js
                                    console.log(true && false); // false
          JS sample2.js
          JS sample3.js
                                5 // logical OR
        X JS sample4.js
                               6 console.log(true | | false); // true Logical OR: True if either of the operands is True;
     V JAVASCRIPT HANDS ON 1
       JS sample1.js
                               9 // logical NOT
      JS sample2.js
                               10 console.log(!true); // false output
                                                                             if the operand is false and vice-versa.
      JS sample3.js
      JS sample4.js
6
                              PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                               C:\Program Files\nodejs\node.exe .\sample4.js
```

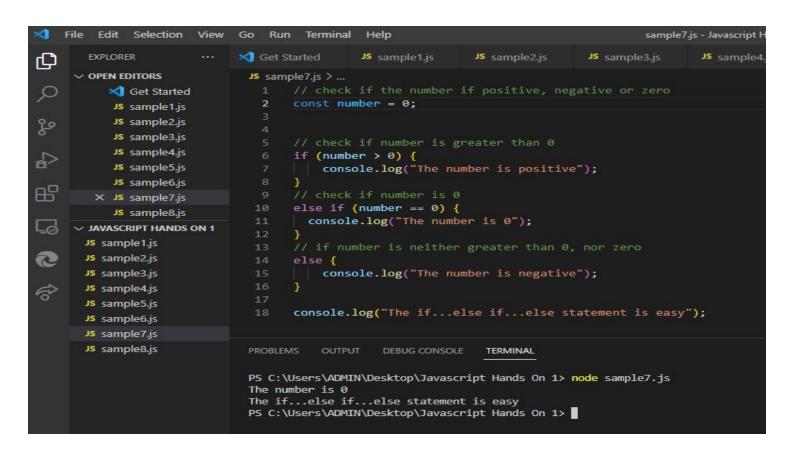
5, Create Js file to program an if else statement and convert this to ternary operator.



6, Create Js file the has blank array, then push or assigned 5 elements inside the array, after you add items in the array loop and show all the elements of the array.



7. Create Js file to program if, else if, else statement.



8. Create Js file to program switch case statement.

