Assignment - 8

Summary:

In today's JavaScript class, the instructor covered key concepts like data types, objects, arrays, and functions. The categorization of data types into primitive, trivial, and non-primitive types was explained, with real-life examples for clarity. The discussion on primitive data types included numbers, strings, and boolean, each demonstrated with specific examples. Other datatypes like null, undefined and non-primitive types like arrays and objects were introduced.

The instructor later started objects, comparing them to variables but highlighting their advantage of holding multiple values. The analogy of a car with properties like color, weight, and price explained objects as key-value pairs. The session also covered arrays as special variables and their index-based access. Finally, functions were explored, with a practical analogy involving a juicer, emphasizing their customization for specific actions and also, they were called when any event is triggered. Overall, the session covers fundamental JavaScript concepts.

Practice:

```
// objects
let product = {
    name: "iPhone",
    price: 565.00,
    isUnlocked: true,
    rating: null
}
console.log(`Name of the product is: ${product.name}`);
console.log(`Any ratings: ${product.rating}`);

"number"
"boolean"
"undefined"
"Name of the product is: iPhone"
"Any ratings: null"
```