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| 1. Difference var, let, const.  Var let const    • has a global / function • It has block scope. • Same behaviour like  scope. Let with fixed value.  • Value can be updated • Value can be updated • Value cannot be updated  • can be reassign • can be reassign • can be not reassign  • Can be redeclare • Can be not redeclare • Can be not redeclare    • Can be read outside • Can be read outside • Can be read outside  of its own scope of its not own scope of its not own scope    2. **Features of js**   * Scripting Language. JavaScript is a lightweight scripting language made for client-side execution on the browser. * Used to make website dynamic * Case sensitive language * Browser support * Interpreter based * Validating users input   3. **Explain typecasting in brief.**   * Typecasting in JavaScript means converting one data type to another data type i.e., the conversion of a string data type to Boolean or the conversion of an integer data type to string data type. * The typecasting in JavaScript is also known as type conversion or type coercion. * Type casting is of two types in JavaScript. They are the implicit type conversions and the explicit type conversions. * Implicit type casting :The implicit type casting is the conversion of data type done due to the internal requirement or automatic conversion by the compiler or the interpreter. * Explicit type casting :The second type casting the explicit type casting is done forcefully by the developer for the sake of a good line of code. In JavaScript the type casting can be done only for strings, numbers and Boolean (object) data types.     4. **What is props drilling**   * Prop drilling occurs when a parent component passes data down to its children and then those children pass the same data down to their own children. This process can continue indefinitely. * it can be a necessary and effective way to manage application state, it can also become a problem when the component hierarchy becomes too deep or complex. This is because prop drilling can result in several issues that can make the code harder to maintain and reduce performance.   5. **Difference between array and object**   1. **Array:**  * Arrays are best to use when the elements   are numbers.   * The data inside an array is known   as Elements.   1. **Object:**  * Objects are best to use when the elements   strings (text).   * The data inside objects are known as Properties   which consists of a key anda value.  6. **How to remove duplicate data from array**   * Using [**filter() Method**](https://www.geeksforgeeks.org/javascript-array-filter-method/) * Using [**set() Method**](https://www.geeksforgeeks.org/sets-in-javascript/) * Using [**reduce() Method**](https://www.geeksforgeeks.org/javascript-array-reduce-method/) * Using **[indexOf() Method](https://www.geeksforgeeks.org/javascript-array-indexof-method/)** * Using **[forEach() Method](https://www.geeksforgeeks.org/javascript-array-foreach-method/)** * Using [**Underscore.js \_.uniq() Function**](https://www.geeksforgeeks.org/underscore-js-_-uniq-function/) |