**CS ACTIVITY FORM**

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| **Student Name** | **PANAGSAGAN, jessie p.** | | **Year & Section** | | 1Yr. 1b | **Activity No.** | | Perf1 | |
| **Class Instructor** | | **CO Pascua** | **Class Subject** | DSA | | | **Class Schedule** | | 02-10-2024 | |

**1. Differentiation of let, const, and var in JavaScript**

**Instructions:**

* Discuss the differences between let, const, and var in JavaScript.
* Your explanation must contain the most important keywords that could explain the three (let, var, const).

**Hint:** Consider scoping (block scope), reassigning (can be and cannot), and best practices.

­­­ The let in javascrip this is making a variables that scoped to block they’re declared in. Because once we used let to define the variable, we cannot declare it again within the same block. And also this will be updated but cannot be re-declared in the same scope. and can be declared without initialization. Const this is an updating or re-declaring in any scope. and this are not declaring without initialization. Because in this variables are hoisted but this are staying in the temporal dead zone until they initialization. Lastly Var in the javascrip this will declaring in the same scope just like to Let, but this will can to access ethier without an initialization that its default value is undefined so variables are hoisted.

https://www.geeksforgeeks.org/difference-between-var-let-and-const keywords-in-javascript

**2. Concept of Falsy Values in JavaScript**

**Instructions:**

* Discuss the concept of falsy values in JavaScript.
* Your explanation should be no less than **five (5) sentences.**
* Provide three (3) examples of falsy values, explaining why they are considered falsy in JavaScript.

**Hint:** Discuss how falsy values behave in conditional statements.

Falsy values this will be evaluating as the false if where using in a Boolean. not just like the truthy values, falsy values this are representing the nothingness, emptiness, or failure. And If we are writing an conditional statements or an logical operations, we need the understanding about falsy values Because this is very important and this is the only values JavaScript treats as false. So here’s the rule, If a value are not one of the JavaScript’s this falsy values, was truth.

<https://www.geeksforgeeks.org/falsy-in-javascript/>