**CS ACTIVITY FORM**

**Student Name:** LAYAO, Amanda Yvelle B. **Year & Section:** CS2C. **Activity No.**

**Class Instructor:** CO Pascua **Class Subject:** DSA **Class Schedule**

**Activity Proper:**

1.let, const, and var are used to declare variables, but they differ significantly in terms of scope, reassignment, and best practices. But let and const are almost the same they have scope block, let can reassign while const can’t and var has no scope

2.In JavaScript, falsy values are values that evaluate to false when encountered in a Boolean context. There are six falsy values in JavaScript false, 0, empty string, null, undefined, and NaN. These values are important to understand, because they influence how conditions are evaluated in if statements, loops, and other control structures.

For example:

The number 0 is also considered falsy because it represents the absence of any quantity, in a condition like if (0), the code inside the block will not run.

The null is represents the intentional absence of a value. It indicates that a variable has no assigned value, which is treated as false.

And the undefined represents the state of a variable that has not been assigned a value. Since it has no defined value, it is considered logically false.