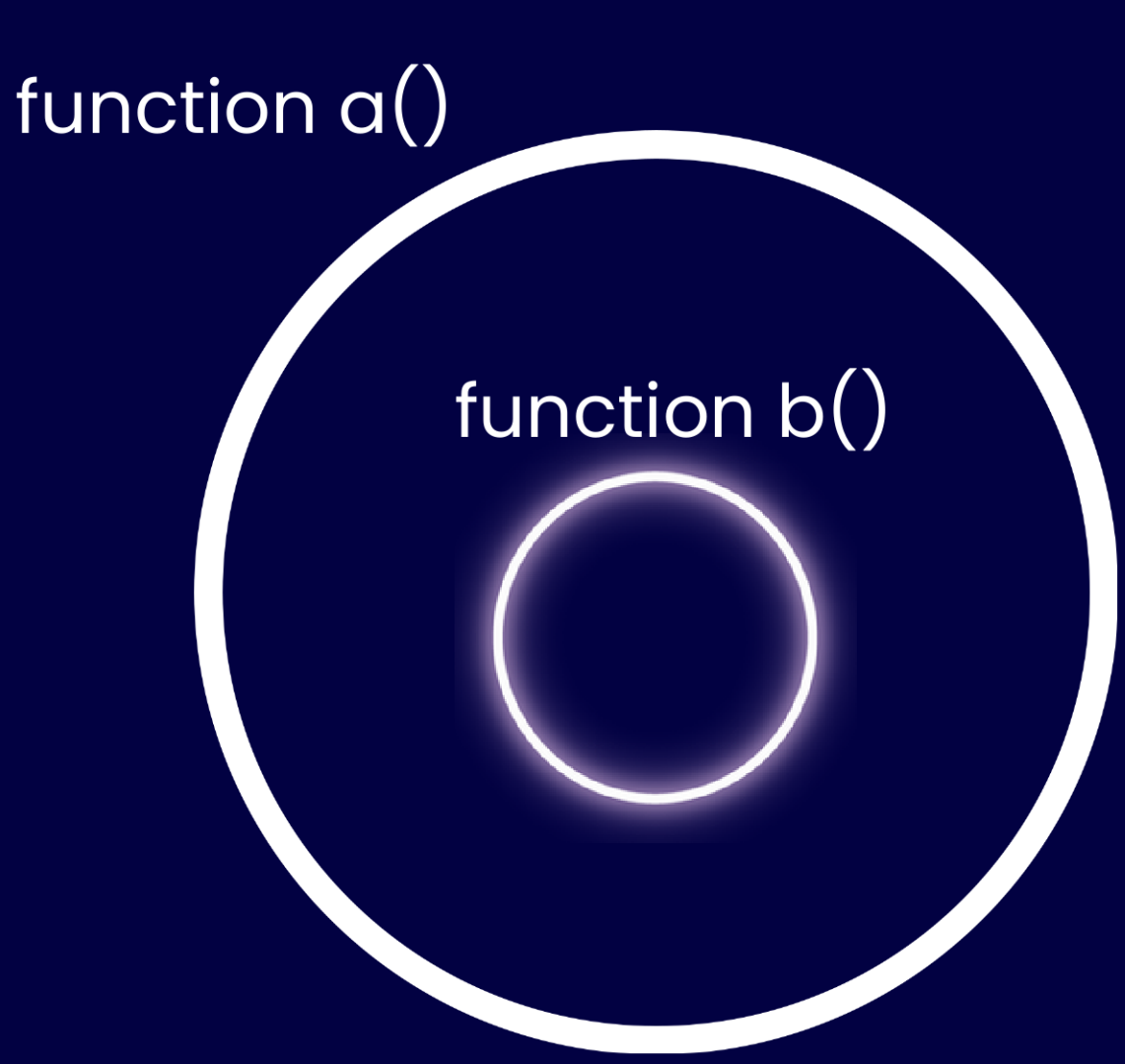
Closures

javascript

A closure is a powerful feature in JavaScript where an inner function has access to the outer (enclosing) function’s variables even after the outer function has executed.



How Do Closures Work?

```
function a() {
    let count = 0; // This variable is enclosed

    function b() {
        count += 1;
        return count;
    }

    return b;
}

const increment = a();
console.log(increment()); // Output: 1
```

function a()

let count=0

function b()

count -(0+1) intially

Explanation:

Outer Function (function a()): This function defines a variable count and returns an inner function.

Inner Function: This function increments the count variable and returns it.

Closure: The inner function forms a closure, retaining access to count even after createCounter has finished executing.

Key Point:

The inner function has access to variables in its own scope, the scope of the outer function, and the global scope.