* **How would you use a closer to create a private counter?**

**Closure:** A closure is an inner function, which has access to its own, all the outer function variables and the global variables.

function counter() { // counter scope

var \_counter = 0; //local to counter

return {

add: function(increment) { \_counter += increment; },

retrieve: function() { return 'The counter is currently at: ' + \_counter; }

// here we can access its own local variables and counter() variables

//we are returning object wherein \_counter variable is modified

}

}

//we cannot directly access the private variable

var c = counter(); // c is assigned the value of counter() function = 0

c.add(5); // 0 + 5 = 5

c.add(9); // 5 + 9 = 14

c.retrieve();

*// counter is 14*