6, var count = (function () {

            var counter = 0;

            var add = function () {

                counter += 1;

                console.log(counter);

            };

            var reset = function () {

                counter = 0;

            }

            return {

                'add': add,

                'reset': reset

            };

        })();

        count.add();

        count.reset();

        count.add();

        count.add();

7, **counter** is free variable. Free variable is a variable declared globally.

8.

 function make\_adder(inc) {

            var counter = 0;

            return function () {

                counter += inc;

                console.log(counter);

            }

        }

        add5 = make\_adder(5);

        add5();

        add5();

        add5();

        add7 = make\_adder(7);

        add7();

        add7();

        add7();

9 first :- using IIFE

Second ;- using ES6 syntax

10,

var Employee = (function () {

            var name = "meda";

            var age = 28;

            var salary = 1000;

            var setAge = function (newAge) {

                age = newAge;

            };

            var setSalary = function (newSalary) {

                salary = newSalary;

            };

            var setName = function (newName) {

                name = newName;

            };

            var getAge = function () {

                return age;

            };

            var getSalary = function () {

                return salary;

            };

            var getName = function () {

                return name;

            };

            var increaseSalary = function (percentage) {

                salary = getSalary() \* (1 + percentage);

            };

            var incementAge = function () {

                age = getAge() + 1;

            };

            return {

                setAge: setAge,

                setSalary: setSalary,

                setName: setName,

                increaseSalary: increaseSalary,

                incementAge: incementAge,

                         };

        })();

              Employee.incementAge();

                  Employee.address = "Def";

        Employee.setAddress = function (newAddress) {

            this.address = newAddress;

        }

        Employee.getAddress = function () {

            return this.address;

        }

        Employee.setAddress("2000 N tcours St.");

11, out of scope