

Question no #6

```
var count = (function(){  
  var counter = 0;  
  function add(){  
    return counter += 1;  
  }  
  function reset(){  
    return counter = 0;  
  }  
  return {  
    add: add,  
    reset: reset,  
  }  
})();
```

Question no #7

Free variable in function 'add()' is 'counter.'

Question no #8

```
function adder(n){  
  var counter = 0;  
  return function(){  
    return counter += n;  
  }  
}  
  
add5 = adder(5);  
add6 = adder(6);  
  
add5();  
add5();
```

Question no #9

IIFE and the curly braces around the code will eliminate the global namespace leak problem.

Question no #10

```
var Employee = (function(){
    let name = null;
    let age = null;
    let salary = null;

    function getName(){
        return name;
    }
    function getAge(){
        return age;
    }
    function getSalary(){
        return salary;
    }

    function setName(newName){
        name = newName;
    }
    function setAge(age){
        age = newAge;
    }
    function setSalary(newSalary){
        salary = newSalary;
    }
    function increaseSalary(percentage){
        salary = salary * (percentage / 100);
    }
    return {
        getAge: getAge,
        getName: getName,
        getSalary: getSalary,
        setAge: setAge,
        setName: setName,
        setSalary: setSalary,
        increaseSalary: increaseSalary
    }
})();
```

Question no #11

```
const address = {
  state: "state",
  city: "city",
  zip: "1234",
  getAddress: function(){
    return this.state + " "
    + this.city + " " + this.zip;
  },
  setAddress: function(state, city, zip){
    this.city = city;
    this.state = state;
    this.zip = zip;
  }
}

Employee.address = address;

Employee.address.setAddress("IA", "Fairfield", 52557);
console.log(Employee.address.getAddress());
```