**Question No. 6 :**

const sumAndReset ={

    counter : 0,

    add : (function () {

    return function () {

    return this.counter += 1;

    }

})(),

    reset : (function () {

    return function () {

    return this.counter =0;

    }

})()

};

console.log("Add " + sumAndReset.add());

console.log("Add " +sumAndReset.add());

console.log("Add " +sumAndReset.add());

console.log("Reset " +sumAndReset.reset());

console.log("Add " +sumAndReset.add());

**Question No 7**

Counter =0 is the free variable that is not parameter or internal function variable.

**Question No. 8**

var make\_addr = function(x){

var counter = 0;

return function () {

return counter += x;

}

} ;

Add = make\_addr(5);

document.writeln(Add());

document.writeln(Add());

document.writeln(Add());

**Question No. 9**

The simple modification technique to remove all namespace is using module pattern

declares and immediately calls an anonymous function.

**Question No. 10**

let employee = (function(){

    let name="";

    let age =0;

    let salary=0.0;

    return {setName: function (newName){

        name =newName;

    },

    setAge: function (newAge){

        age =newAge;

    },

    setSalary: function (newSalary){

        salary =newSalary;

    },

    getName: function (newName){

        return name;

    },

    getAge:function getAge(newAge){

        return age;

    },

    getSalary:function (newSalary){

        return salary;

    }

}

})()

employee.setName("Tsegaye");

employee.setAge(45);

employee.setSalary(10,000);

console.log(employee.getName());

console.log(employee.getAge());

console.log(employee.getSalary());

employee.setName("Farouk");

employee.setAge(67);

employee.setSalary(50,000);

console.log(employee.getName());

console.log(employee.getAge());

console.log(employee.getSalary());

**Question 11**

    console.log("The result of assigment eleven after address is inserted daynamically: \n");

    {

let employee = (function(){

    let name="";

    let age =0;

    let salary=0.0;

    return {setName: function (newName){

        name =newName;

    },

    setAge: function (newAge){

        age =newAge;

    },

    setSalary: function (newSalary){

        salary =newSalary;

    },

    getName: function (newName){

        return name;

    },

    getAge:function getAge(newAge){

        return age;

    },

    getSalary:function (newSalary){

        return salary;

    }

}

})()

employee.setName("Farouk");

employee.setAge(67);

employee.setSalary(50,000);

console.log("Name: "+employee.getName());

console.log("Age: "+employee.getAge());

console.log("Salary: " +employee.getSalary());

employee.address = "";

employee.setAddress = function(newAddress){

employee.address =newAddress;

}

employee.getAddress = function(newAddress){

return employee.address;

}

employee.setAddress("Merkato");

console.log("Address: "+ employee.getAddress());

}