**Assignment 9**

**1. Creating Database**

> show databases

admin 0.000GB

config 0.000GB

local 0.000GB

test 0.000GB

> use temp

switched to db temp

> show databases

admin 0.000GB

config 0.000GB

local 0.000GB

test 0.000GB

EmployeeID Name Salary Department

100 Nikhil 41000 Comp

101 Prachi 37000 ENTC

102 Archana 40000 COMP

103 Amit 25000 Mech

**Collection :**

> db.createCollection("Salary")

{ "ok" : 1 }

> db.salary.insert({Eid:100,Name:"Nikhil",Salary:41000,Dept:"Comp"})

WriteResult({ "nInserted" : 1 })

> db.salary.insert({Eid:101,Name:"Prachi",Salary:37000,Dept:"ENTC"})

WriteResult({ "nInserted" : 1 })

> db.salary.insert({Eid:102,Name:"Archana",Salary:40000,Dept:"COMP"})

WriteResult({ "nInserted" : 1 })

> db.salary.insert({Eid:103,Name:"Amit",Salary:25000,Dept:"Mech"})

WriteResult({ "nInserted" : 1 })

> db.salary.find()

{ "\_id" : ObjectId("5b9330ac1aaa73746384e1bf"), "Eid" : 100, "Name" : "Nikhil", "Salary" : 41000,

"Dept" : "Comp" }

{ "\_id" : ObjectId("5b9330df1aaa73746384e1c0"), "Eid" : 101, "Name" : "Prachi", "Salary" : 37000,

"Dept" : "ENTC" }

{ "\_id" : ObjectId("5b9330fe1aaa73746384e1c1"), "Eid" : 102, "Name" : "Archana", "Salary" : 40000,

"Dept" : "COMP" }

{ "\_id" : ObjectId("5b93311b1aaa73746384e1c2"), "Eid" : 103, "Name" : "Amit", "Salary" : 25000,

"Dept" : "Mech" }

**Update :**

> db.salary.update({Name:"Nikhil"},{$set:{Salary:45000}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

Check yourself

> db.salary.find()

{ "\_id" : ObjectId("5b9330ac1aaa73746384e1bf"), "Eid" : 100, "Name" : "Nikhil", "Salary" : 45000,

"Dept" : "Comp" }

{ "\_id" : ObjectId("5b9330df1aaa73746384e1c0"), "Eid" : 101, "Name" : "Prachi", "Salary" : 37000,

"Dept" : "ENTC" }

{ "\_id" : ObjectId("5b9330fe1aaa73746384e1c1"), "Eid" : 102, "Name" : "Archana", "Salary" : 40000,

"Dept" : "COMP" }

{ "\_id" : ObjectId("5b93311b1aaa73746384e1c2"), "Eid" : 103, "Name" : "Amit", "Salary" : 25000,

"Dept" : "Mech" }

> db.salary.remove({Name:"Amit"},1)

WriteResult({ "nRemoved" : 1 })

> db.salary.find()

{ "\_id" : ObjectId("5b9330ac1aaa73746384e1bf"), "Eid" : 100, "Name" : "Nikhil", "Salary" : 45000,

"Dept" : "Comp" }

{ "\_id" : ObjectId("5b9330df1aaa73746384e1c0"), "Eid" : 101, "Name" : "Prachi", "Salary" : 37000,

"Dept" : "ENTC" }

{ "\_id" : ObjectId("5b9330fe1aaa73746384e1c1"), "Eid" : 102, "Name" : "Archana", "Salary" : 40000,

"Dept" : "COMP" }