

LAB-2

I use company // create table

db.createCollection("Employee")

db.createCollection("Department")

① Inserting inside Employee

db.Employee.insert ({ -id: 1, name: "Raj",
age: "25", job: "Tester", company: "Honeywell",
dno: "1004" }) // using insert 1 record
inserted

② db.Employee.insertMany ([{ -id: 2, name: "Ravi",
dno: "1002", age: "25", job: "Developer", company: "Dell" },
{ -id: 3, name: "Marsh", job: "devops",
dno: "1003", age: "35", company: "IBM" },
{ -id: 4, name: "Arun", job: "Analyst",
dno: "1004", age: "40", company: "Infosys" }]) // using insertMany
add 3 records

db.Employee.update ({ name: "Rob" },
{ \$set: {

-id: 5
name: "Rob", dno: "1005",
job: "Developer", age: "20",
company: "Accenture" })

{
upset: true

}

// inserting using update

db.employee.save ({_id: 6, name: "vishal",
dno: "1006", job: "Engineer", age: "45", company: "50",
inserting to department
})

① db.Department.insert ({_id: "CSE",
hod: "X", teachers: "20",
dno: "1001", students: "180" })

// insert() method

② db.Department.insertMany ([{_id: "ISE",
hod: "Y", teachers: "15",
dno: "1004", students: "160" },

{_id: "MECH", hod: "A",
teachers: "30", dno: "1002",
students: "250" },

{_id: "Civil", hod: "B",
teachers: "30",
dno: "1000", students: "200" }])

db.Department.update({ },
{ \$set: {

_id: "ML",

hod: "c"

teachers: "25", duo: "1007"

students: "120" } ,

{

upsert: false

}

})

db.department.save({ _id: "all0", hod: "d",
teachers: "30", duo: "1008",

III Update Employee students: "120" })

db.employee.update({ _id: 1 },

{ \$set: {

Support staff: "30" }

})

IV remove field

```
db.Employee.update({ _id: 1 },  
  { $unset: {  
    supportstaff: "" } })
```

V Sell all documents from both selection

```
db.Employee.find().pretty()
```

```
db.Department.find().pretty()
```

VI select Emp name & dep number whose dep falls b/w ~~1000~~ 1001 to 1005

```
→ db.employee.find({ dep dno: { $gt: "1000",  
  $lte: "1005" }, $name: 1, dno: 1, _id: 0 })
```

VII → employee name begins with 'A'

```
→ db.employee.find({ name name: /^A/ }).  
  pretty()
```

VIII age > 30

```
→ db.Employee.find({ age age: { $gt: 30 })
```