

5-10-20

BDA LAB-2

Database - Company

Collections - Employee, Department

1. db. createCollection("Employee")

2. db. createCollection("Department")

① Insert atleast 5 documents.

(i) db.Employee.insert({_id:1, Empname: "Ramesh",
Empdesgn: "Manages", Empage: 40, Empdept: ~~ABC~~,
"ABC", Empmail: "Ramesh@somemail.com"})

(ii) db.Employee.insertMany(
[{ _id: 2, Empname: "Mahesh", Empdesgn: "Employee",
Empage: 35, Empdept: "DEF", Empmail: "Mahesh@somemail.com"},
{ _id: 3, Empname: "Suresh", Empdesgn: "Engineer",
Empage: 25, Empdept: "PQR", Empmail: "Suresh@somemail.com"}]

I)

(iii) db.Employee.^{save}~~insert~~(
{_id: 4, Empname: "Govinda", Empdesgn: "HR",
Empage: 29, Empdept: "XYZ", Empmail: "Govinda@somemail.com"})

db.Employee.update({_id: 2, EmpName: "Mahesh"},
{ \$set: { Empdept: "ABC" },
{ upsert: true });

③ db.employee.update ({_id: 2, Empname: "Mahesh"},
{ \$unset: { Empdesign: "ABC" }, upsert: true })

④ Select all:

db.employee.find({}):

db.department.find({}):

⑤ db.employee.find ({ departmentno: { \$gt: 1000,
\$lt: 1005 } }, { Empname: true, department-no: true })

⑥ Name beginning with 'A':

db.employee.find ({ Empname: { \$regex: "^A" } })

⑦ Age greater than 30:

db.employee.find ({ Empname: { \$~~regex~~gt: "30" } })