

BDA Lab 2 :

1/10/2020

Create a Company Database :

use CompanyDB.

Create Collection

```
db.createCollection("Employee")
```

```
db.createCollection("Department")
```

Operations:-

①

```
→ db.Employee.insert({_id: "01", name: "Madhuri",  
dept: "Software", emp-id: "112", salary: "2000"});
```

```
→ db.Employee.insert({_id: "02", name: "Kalpu",  
dept: "Hardware", emp-id: "113", salary: "25000"});
```

```
→ db.Employee.insertMany({_id: "03", name: "Nagu",  
dept: "Software", emp-id: "543", salary: "28000"});
```

```
{_id: "04", name: "Priyanka", dept: "Hardware",  
emp-id: "154", salary: "50000"};
```

```
→ db.Employee.update({_id: "05", name: "Ram", dept: "Soft-  
ware", emp-id: "173"}, {$set: {Salary: "60000"}},  
{upsert: true});
```

① db. Department. insert ({ _id: "701", dept_name: "S/W",
No. of emp: "200",

Manager: "Madhuri" });

→ db. Department. insertMany ({ _id: "12", dept_name: "Hardware", No. of emp: "200", dept_id: "7002",
Manager: "Aagru" }, { _id: "13", dept_name: "Software", No. of emp: "300", dept_id: "7003",
Manager: "Jamuna" });

→ db. Department. update ({ _id: "13", dept_name: "Software", No. of emp: "300" }, { \$set: { Manager: "Ram" }, \$upsert: "True" });

② db. Employee. update ({ _id: "02" }, { \$set: { employee_age: "29" } });

③

Remove:-

db. Employee. remove ({ _id: "02" }, { \$unset: { employee_age: "29" } });

4) Select all documents

db.Employee.find().pretty();

db.Department.find().pretty();

5) db.Employee.find({~~dept~~Department: {\$in: ["7001", "7002", "7003", "7004", "7005"]}}, {name, Department})

6) db.Employee.find({name: /^A/}).pretty();

7) db.Employee.find({Age: {\$gt: 30}}).pretty();