

## Lab 2

use company;  
db.createCollection("employee");  
db.createCollection("department");

Insert - Employee :-

- db.employee.insert({-id:1, "Name": "Shubham",  
department number: 1000, "age": 21,  
salary: 120000, ~~phnum: 9876543210~~});
- db.employee.insertOne({-id: 2, "Name": "Srushti",  
department number: 1001, "age": 20, salary: 250000, ?},  
~~phnum: 9876543210~~});
- db.employee.insertMany([{-id: 3, "Name": "Akash",  
department number: 1002, "age": 19, salary: 200000, ?},  
~~{-id: 4, Name: "Rohit", department number: 1003,~~  
age: 22, salary: 120000, ?}, {-id: 5, Name:  
Name: "Aayush", department number: 1004, age: 22,  
~~department number: 1004, salary: 150000, ?}~~});

db.department.insert({-id: 1, Name: "CSE",  
department num: 1001});

db.department.insertOne({-id: 2, Name: "ISE",  
department num: 1002});



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db.department.insert many ([ -id: 3, name: "EE",
    department number: 1003},
    { -id: 4, name: "ECE", department number: 1004},
    { -id: 5, name: "CIVIL", department number: 1005});

```

→ update-

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db.employees.update ({ -id: 1, name: "Shubham"},
    { $set: { "hobbies": "Crack" }, $update: true });

```

→ remove-

```

db.employees.update ({ -id: 1, name: "Shubham"},
    { $unset: { "hobbies": "Crack" }, $update: true });

```

→ Select all-

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db.employees.find({});
db.department.find({});

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→ db.employees.find ({ department number: { \$gt: 1000, \$lt: 1005 }, Name: true, department number: true });

→ db.employees.find ( ( Name: { \$regex: "A" } )

→ db.employees.find ( ( "age": { \$gt: 30 } )