Lab - 2

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(1) Create company database with following collection

> use Company

i). Employee

> db.createCollection("Employee");

ii). Department

> db.createCollection("Department");

(2) Perform following MongoDB operations

(1). Insert

→ Employee

db.Employee.insert({_id:"1", name:"ABC", dept:"Development", salary:"20000"});

(or)

db.Employee.update({_id:"2", name:"XYZ", dept:"Testing"}, {$set:{salary:"30000"}}, {upsert:true});

db.Employee.update({_id:"3", name:"PQR", dept:"Business"}, {$set:{salary:"40000"}}, {upsert:false});

db.Employee.save({_id:"4", name:"LMN", dept:"XYZ", salary:"50000"});

→ Department

db.Department.insert({_id:"123", dept-name:"development", col-name:"BMS"});

db.Department.update({_id:"123", dept-name:"testing"}, {$set:{col-name:"RV"}}, upsert:true});

db.Department.update({_id:"234", dept-name:"Business"}, {$set:{col-name:"RMS"}}, upsert:false});

db.Department.save({_id:"567", dept_name:"xyz", col_name:"DSR"});

(2) update

db.Employee.update({_id:2},
{$set:{age:"30"}});

(3). Remove

~~db.remove~~

db.Employee.remove({_id:4},
{$unset:{salary:"20000"}});

(4) Select all document from both

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

(5). Select only the employee name & department no: whose dept no: falls b/w 1001 to 1005

db.Employee.find({dept:{$in['1001','1002',
:'1003':'1004','1005']}}).pretty();

(6). Select emp documents whose name begins with 'A'.

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

(7) Select emp document whose age greater than 30

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