

LAB NO: 2

USN: IBM15CS147

DATE: - 29/9/20

NAME: - PRAJWAL M.

i] Use Company DB:

1.1 db. createCollection("employee");

1.2 db. createCollection("Department");

Mongo DB operationsi] 1.1 db.Employee.insert({-id:1, Name: "Rahul",
Designation: "SE", Salary: 2500000,
dept num = 1000});db.Employee.update({-id:2, Name: "Kumar",
Designation: "ASE", Salary: 500000,
dept num = 1003}, {upsert: true});db.Employee.update({-id:2, Name: "Rahul",
Designation: "ASE", Salary: 600000}, {upsert: false});db.Employee.save({-id:3, Name: "Ravi",
Designation: "SE", salary: 160000, dept num: 2004});db.Employee.save({-id:4, Name: "Sony",
Designation: "Senior Manager", salary:
3000000, dept num = 1004});1.2 db.Department.insert({-id:1, Name: "Sales",
Strength: 30, Lead: "Rohit"});db.Department.update({-id:2, Name: "Marketing",
Strength: 25, Lead: "Mehta"});db.Department.save({id:3, Name: "Development",
Strength: 40, Lead: "Kalia"});

2] db.Employee.update ({-id:3, {\$set:{location: "New York"}}});

3] db.Department.remove ({id:2, {\$inc:{lead: "Mehru"}}});

4] db.Employee.find();
db.Department.find();

5] db.Employee.find ({deptNum: {\$gt:1001,
\$lt:1005}},
{Name:1, deptNum:14, id:03});

6] db.Employee.find ({Name: /A/});

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