

29/9/20

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Date

Page

BDA Lab-2

1. Use company DB:

1.1 db.createCollection ("Employee");

1.2 db.createCollection ("Department");

MongoDB Operations

1.1 db.Employee.insert({-id:1, Name: "Rahul",
Designation: "SE", Salary: 2500000, deptnum: 1000});

db.Employee.update({-id:2, Name: "Kumar",
Designation: "ASE", deptnum: 1003}, {upsert: true});

db.Employee.update({-id:2, Name: "Rahul",
Designation: "ASE", salary: 600000}, {upsert: false});

db.Employee.save({-id:3, Name: "Rosy",
Designation: "SE", Salary: 1600000, deptnum: 2000});

db.Employee.save({-id:4, Name: "Sony",
Designation: "senior manager", Salary: 3000000,
deptnum: 1004});

1.2 db.Department.insert({-id:1, Name: "Sales",
Strength: 30, Lead: "Rohit"});

db.Department.update({-id:2, Name: "Marketing",
Strength: 25, Lead: "Mehra"});

db.Department.save({-id:3, Name: "Development",
Strength: 45, Lead: "Kakar"});

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

~~5. db.Department.remove({-id:2, \$set:~~

~~3. db.Department.remove({-id:2, \$unset: {Lead: "Mehra"}}~~

3. db.Department.remove({_id:2}, {\$unset: {lead: "Mehra"}});
4. db.Employee.find();
db.Department.find();
5. db.Employee.find({deptNum: {\$gt: 1001, \$lt: 1005}},
{Name: 1, deptNum: 13, id: 0});
6. db.Employee.find({Name: /^A/});
7. db.Employee.find({Age: {\$gt: 30}});