

## BDA LAB

USN: 18M17CS022

LAB NO: 2

NAME: CHANDANA KOLLI

DATE: 29/9/2020

1. use company DB;

1.1 db. createCollection ("Employee");

1.2 db. createCollection ("Department");

### MongoDB operations

1. 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, Salary: 500000, { 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: "Kalai" } );

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

3. db. Department. remove ( { -id: 2 }, { \$unset: { lead: "Mehra" } } );

4. db. Employee. find();

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

5. db. Employee. find ( { deptnum: { \$gt: 1001, \$lt: 1005 } },  
{ Name: 1, deptnum: 1, -id: 0 } );

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6. `db.Employee.find ( { Name : / ^ A / } );`
7. `db.Employee.find ( { Age : { $gt 30 } } );`