

Lab 2

BDA Lab

Name: - Vinayaksha
USN: - 1BM17CS125

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1) Use company

```
db.createCollection("employee");
```

```
db.createCollection("department");
```

```
db.employee.insert({_id: 1, "Name": "Abhi",  
"Dno": 1001, "age": 25, "Pno": 8050885182});
```

```
db.employee.insertOne({_id: 2, "Name": "Baru",  
"Dno": 1002, "age": 30, "Pno": 7663738638});
```

```
db.employee.insertMany([ {_id: 3, "Name": "Chandu",  
"Dno": 1003, "age": 35, "Pno": 6365728405},  
{_id: 4, "Name": "Devu", "Dno": 1004, "age": 35,  
"Pno": 9353678901},
```

```
{_id: 5, "Name": "Effat", "Dno": 1005,  
"age": 32, "Pno": 6368543101} ] );
```

```
db.department.insert({_id: 1, "DName": "CSE",  
"Dno": 1001});
```

```
db.department.insertOne({_id: 2, "DName": "ISE",  
"Dno": 1002});
```

```
db.department.insertMany([ {_id: 3, "DName": "ML",  
"Dno": 1003}, {_id: 4, "DName": "IT",  
"Dno": 1004}, {_id: 5, "DName": "CV",  
"Dno": 1005} ] );
```

2) update

```
db.employee.update({id:1, Name:"Arund"},  
{ $set: { "hobbies": "chess" } }, { upsert: true });
```

3) Remove

```
db.employee.update({id:1, Name:"Arund"},  
{ $set: { "hobbies": "chess" } }, { upsert: true });
```

4) Select all

```
db.employee.find({});  
db.department.find({});
```

5) db.employee.find({ Dno: { \$gt: 1001,
" \$lt": 1005 } }, { Name: true, Dno: true });

6) db.employee.find({ "age": { \$gt: 30 } });

7) db.employee.find({ Name: { \$regex: "A" } });