

```
① use company ;  
db.createCollection("employee");  
db.createCollection("department");  
db.employee.insert({-id:1, "Name": "Swarna", department:  
1000, "age": 25, "phonenumber": 6893634658});  
db.employee.insertOne({-id:2, Name: "Rachana",  
age: departmentnumber: 1001, age: 21, phonenumber:  
8105504284});  
db.employee.insertMany([ {-id:3, Name: "Saumya",  
departmentnumber: 1002, age: 21, phonenumber: 8800234212},  
{-id:4, Name: "Sanjana", departmentnumber: 1003,  
age: 20, phonenumber: 8599211417},  
{-id:5, Name: "Harika", departmentnumber: 1004,  
age: 20, phonenumber: 8195504284}]);  
db.department.insert({-id:1, departmentname: "CSE",  
departmentnum: 1001});  
db.department.insertOne({-id:2, departmentname: "ISE",  
departmentnum: 1002});  
db.department.insertMany([ {-id:3, departmentname: "ECE",  
departmentnum: 1003}, {-id:4, departmentname: "EE",  
departmentnum: 1004}, {-id:5, departmentname: "MECH",  
departmentnum: 1005}]);
```

2) update

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

3) Remove

```
db.employee.update({_id: 1, Name: "Swarna"},  
{ $unset: { "hobbies": "chess" }, $upsert: true });
```

4) select all

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

5)

```
db.employee.find({ departmentnumber: { "$gt": 1000,  
"$lt": 1005 }, $Name: true, departmentnumber: true });
```

7)

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

8)

```
db.employee.find({ emp Name: { $regex: "NA" } });
```