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BDA Lab - 2

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2) Create Company database with  
i) Employees ii) Department

```
* use employeeDB;  
db;  
db.createCollection("Employee");  
db.createCollection("Department");
```

1) Insert:-

```
db.employee.insert({_id:"1", emp_name:"ABC", emp_dep:"P",  
  emp_salary:"20000"});  
db.employee.update({_id:"2", emp_name:"PQR", emp_dep:"Q"},  
  {$set:{emp_salary:"30000"}}, {upsert:true});  
db.employee.update({_id:"3", emp_name:"QR", emp_dep:"S"},  
  {$set:{emp_salary:"20000"}}, {upsert:false});  
db.employee.save({_id:"4", emp_name:"AB", emp_dep:"P",  
  emp_salary:"30000"});  
db.department.insert({_id:"123", dept_name:"P"}  
db.department.update({_id:"234"}, {$set:{dept_name:"Q"}},  
  {upsert:true});  
db.department.save({_id:"345", dept_name:"S"})
```



## 2) Update

```
db.employee.update({_id: "2", {$set: {emp-age: "38"}}})
```

## 3) Rename :-

```
db.employee.remove({_id: 4}, {$unset: {emp-salary: "20000"}}, {safe: true});
```

## 4) Select all documents

```
db.employee.find().pretty();
```

```
db.employee.find().pretty();
```

## 5) Select only employee name & department number

```
db.employee.find({emp-dept: {$in: ['1001', '1002', '1003', '1004', '1005']}}).pretty();
```

```
6) db.employee.find({emp-name: /'A'/}).pretty();
```

```
7) db.employee.find({emp-age: {$gt: 30}});
```