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- Q1. Create company database with
i) Employees ii) Department.

```
use employees;
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: "Q R",
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: "P"}}, {$upsert: true});
db.department.save({_id: "345", dept_name: "S"});
```

2. Update

```
db.employee.update({_id: "2"}, {$set: {emp_age: "38"}});
```


⑤. Remove

```
db.employee.remove({_id: 4}, { $unset: { emp_salary: "20000" } });
```

⑥. Select all documents

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

⑦. Select only employee name & department number

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

⑧. db.employee.find({ emp_name: /^[A]/ }, pretty());

⑨. db.employee.find({ emp_age: { \$gt: 30 } });