Company database.

```
show dbs;
use Company;
db;

db. createCollections ("Employee");
db. createCollections (" Department");
```

① INSERT :

```
db. Employee. insertOne (
    {_id :1  , "Name" : "Aditi" , DeptNo : "1001" , "age" : 21,
    "Gender" : "Female" , Contact : "987654321" });

db. Employee. insertMany ([
    {_id : 2, Name : "Binod", DeptNo : "1002", age : 35, Gender : "Male", Contact : "797661
    {_id : 3, Name : "Chirag", DeptNo : "1006", age : 27, Gender : "Male", Contact : "789104"}]

db. Employee. insert (
    {_id : 4, Name : "Diya", DeptNo : "1003", age : 29, Gender : "Female", Contact : "723456

db. Employee. save (
    {_id : 5 , Name : "Eva", DeptNo : "1004", age : 20, Gender : "Female", Contact : "456783")

db. Department. update ({_id : 1 , Name : "Aryan", Age : 30 , DeptId : 410 ,
    mail : " aryan@gmail.com },
        { $set : {Experience : 2}}, {upsert : True } );

db. Department. update ({_id : 2 , Name : "Bilal" , Age : 45, DeptId : 411,
    mail ; bilal@gmail.com},
        { $set : { Experience : 4}}, {upsert : False });
```

② Update "Employee" collection to add new field to the existing
document :

```
db. Employee. update ( { id : Gender : "Female" },
    { $set : { Bonus : 25000}}, {multi : true } );
```

③ remove a field from an existing document :
  db. Employee . ~~remove~~ update (
    { _id: 5 }, ~~Name:~~ { $unset : { contact:"45678" } , upset : true });

④ Select all documents :
  — db. Employee . find(), pretty();
  — db. Department. find(). pretty();

⑤ Select Name & DeptNo whose dept is 1001 to 1005
    db. Employee . find ({ DeptId : { $range : [1001, 1006] } }
                      { Name:1, DeptId:1 }), pretty();

⑥ Emp doc. whose name begins with 'A'
    > db. Employee .find ({ Name: /^A/ }), pretty();

⑦ Select employee document whose age is > 30 :
    db. Employee .find ({ ~~Name~~ { age : { $gt : 30 } }), pretty();