FAQS:-Write command for the following

1. Create database Employee.

> use Employee
switched to db Employee

2.Create collection emp1 using createCollection method.

> db.createCollection("emp1")
{ "ok" : 1 }

3.Insert 4 to 5 documents in emp1 collection.(eno,ename,address,sal)

```
>  db.emp1.insertMany([
...      { eno: 1, ename: "John", address: "Street A", sal: 12000 },
...      { eno: 2, ename: "Nina", address: "Street B", sal: 8000 },
...      { eno: 3, ename: "Alex", address: "Street C", sal: 15000 },
...      { eno: 4, ename: "Nick", address: "Street D", sal: 6000 },
...      { eno: 5, ename: "Oliver", address: "Street E", sal: 4000 }
...    ])
{
     "acknowledged" : true,
     "insertedIds" : [
          ObjectId("66ff6bec9ca237ba9c820730"),
          ObjectId("66ff6bec9ca237ba9c820731"),
          ObjectId("66ff6bec9ca237ba9c820732"),
          ObjectId("66ff6bec9ca237ba9c820733"),
          ObjectId("66ff6bec9ca237ba9c820734")
     ]
}
>
```

4.display all documents.

```
> db.emp1.find().pretty()
{
     "_id" : ObjectId("66ff6bec9ca237ba9c820730"),
     "eno" : 1,
     "ename" : "John",
     "address" : "Street A",
     "sal" : 12000
}
{
     "_id" : ObjectId("66ff6bec9ca237ba9c820731"),
     "eno" : 2,
     "ename" : "Nina",
     "address" : "Street B",
     "sal" : 8000
}
{
     "_id" : ObjectId("66ff6bec9ca237ba9c820732"),
```

```
        "eno" : 3,
        "ename" : "Alex",
        "address" : "Street C",
        "sal" : 15000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820733"),
        "eno" : 4,
        "ename" : "Nick",
        "address" : "Street D",
        "sal" : 6000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820734"),
        "eno" : 5,
        "ename" : "Oliver",
        "address" : "Street E",
        "sal" : 4000
}
>
```

5.Insert document by creating own object id.

```
> db.emp1.insertOne({
...     _id: ObjectId("60c72b2f5f627b2bfdbf1234"),
...     eno: 6,
...     ename: "George",
...     address: "Street F",
...     sal: 14000
...    })
{
        "acknowledged" : true,
        "insertedId" : ObjectId("60c72b2f5f627b2bfdbf1234")
}
>
```

6.Display all employess having salary greater than 5000

```
> db.emp1.find({ sal: { $gt: 5000 } }).pretty()
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820730"),
        "eno" : 1,
        "ename" : "John",
        "address" : "Street A",
        "sal" : 12000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820731"),
        "eno" : 2,
        "ename" : "Nina",
        "address" : "Street B",
        "sal" : 8000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820732"),
        "eno" : 3,
```

```
        "ename" : "Alex",
        "address" : "Street C",
        "sal" : 15000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820733"),
        "eno" : 4,
        "ename" : "Nick",
        "address" : "Street D",
        "sal" : 6000
}
{
        "_id" : ObjectId("60c72b2f5f627b2bfdbf1234"),
        "eno" : 6,
        "ename" : "George",
        "address" : "Street F",
        "sal" : 14000
}
>
```

7. Display all employess having salary less than 15000

```
> db.emp1.find({ sal: { $lt: 15000 } }).pretty()
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820730"),
        "eno" : 1,
        "ename" : "John",
        "address" : "Street A",
        "sal" : 12000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820731"),
        "eno" : 2,
        "ename" : "Nina",
        "address" : "Street B",
        "sal" : 8000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820733"),
        "eno" : 4,
        "ename" : "Nick",
        "address" : "Street D",
        "sal" : 6000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820734"),
        "eno" : 5,
        "ename" : "Oliver",
        "address" : "Street E",
        "sal" : 4000
}
{
        "_id" : ObjectId("60c72b2f5f627b2bfdbf1234"),
        "eno" : 6,
        "ename" : "George",
```

```
        "address" : "Street F",
        "sal" : 14000
}
>
```

8. Display all employess having salary greater than 10000 and less than 20000.

```
>  db.emp1.find({ sal: { $gt: 10000, $lt: 20000 } }).pretty()
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820730"),
        "eno" : 1,
        "ename" : "John",
        "address" : "Street A",
        "sal" : 12000
}
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820732"),
        "eno" : 3,
        "ename" : "Alex",
        "address" : "Street C",
        "sal" : 15000
}
{
        "_id" : ObjectId("60c72b2f5f627b2bfdbf1234"),
        "eno" : 6,
        "ename" : "George",
        "address" : "Street F",
        "sal" : 14000
}
```

9.update sal of all employee with 10%

```
> db.emp1.updateMany({}, { $mul: { sal: 1.10 } })
{ "acknowledged" : true, "matchedCount" : 6, "modifiedCount" : 6 }
>
```

10.Delete employee having salary less than 5000.

```
> db.emp1.deleteMany({ sal: { $lt: 5000 } })
{ "acknowledged" : true, "deletedCount" : 1 }
```

11.Rename collection emp1 with employee1.

```
> db.emp1.renameCollection("employee1")
{ "ok" : 1 }
>
```

12.Display employee whose name start with n.

```
>  db.employee1.find({ ename: { $regex: /^N/ } }).pretty()
{
        "_id" : ObjectId("66ff6bec9ca237ba9c820731"),
        "eno" : 2,
        "ename" : "Nina",
        "address" : "Street B",
```

```
    "sal" : 9680
}
{
    "_id" : ObjectId("66ff6bec9ca237ba9c820733"),
    "eno" : 4,
    "ename" : "Nick",
    "address" : "Street D",
    "sal" : 7260.000000000002
}
>
```

13.sort name in ascending order.

```
> db.employee1.find().sort({ ename: 1 }).pretty()
{
    "_id" : ObjectId("66ff6bec9ca237ba9c820732"),
    "eno" : 3,
    "ename" : "Alex",
    "address" : "Street C",
    "sal" : 18150
}
{
    "_id" : ObjectId("60c72b2f5f627b2bfdbf1234"),
    "eno" : 6,
    "ename" : "George",
    "address" : "Street F",
    "sal" : 16940.000000000004
}
{
    "_id" : ObjectId("66ff6bec9ca237ba9c820730"),
    "eno" : 1,
    "ename" : "John",
    "address" : "Street A",
    "sal" : 14520.000000000004
}
{
    "_id" : ObjectId("66ff6bec9ca237ba9c820733"),
    "eno" : 4,
    "ename" : "Nick",
    "address" : "Street D",
    "sal" : 7260.000000000002
}
{
    "_id" : ObjectId("66ff6bec9ca237ba9c820731"),
    "eno" : 2,
    "ename" : "Nina",
    "address" : "Street B",
    "sal" : 9680
}
>
```