```
> show dbs
12AleenaShibu  0.000GB
admin          0.000GB
book25         0.000GB
config         0.000GB
exam           0.000GB
local          0.000GB
test           0.000GB
> use emp
switched to db emp
> db.createCollection("employee")
{ "ok" : 1 }
> show collections
employee
> db.employee.insert({name:'Timothi','dep:20',age:'20',place:'Malappuram'})
2023-11-10T14:13:48.893+0530 E  QUERY    [js] uncaught exception: SyntaxError: missing :
after property id :
@(shell):1:41
> db.employee.insert({name:'Timothi',dep:20,age:20,place:'Malappuram'})
WriteResult({ "nInserted" : 1 })
> db.employee.insertMany([{name:'Kiran',age:20,dep:40},{name:'Smith',dep:30,age:34}])
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("654dee60d21b1869d7273623"),
                ObjectId("654dee60d21b1869d7273624")
        ]
}
> db.emp2.insert({name:'Sunny'})
WriteResult({ "nInserted" : 1 })
> db.employee.find()
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.employee.find().pretty()
{
        "_id" : ObjectId("654ded93d21b1869d7273622"),
        "name" : "Timothi",
        "dep" : 20,
        "age" : 20,
        "place" : "Malappuram"
}
```

```
{
        "_id" : ObjectId("654dee60d21b1869d7273623"),
        "name" : "Kiran",
        "age" : 20,
        "dep" : 40
}
{
        "_id" : ObjectId("654dee60d21b1869d7273624"),
        "name" : "Smith",
        "dep" : 30,
        "age" : 34
}
> db.employee.find({name:1})
> db.employee.find()
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.employee.find({})
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.employee.find({name:'Timothi'})
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
> db.employee.find({name:"Timothi'},{name:1,age:1})
2023-11-10T14:36:22.018+0530 E  QUERY    [js] uncaught exception: SyntaxError: "" literal not
terminated before end of script :
@(shell):1:47
> db.employee.find({},{id:0})
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db,employee.find({},{id:0,age:0})
2023-11-10T14:40:25.009+0530 E  QUERY    [js] uncaught exception: ReferenceError:
employee is not defined :
@(shell):1:4
> db.employee.find({name:/v$/})
> db.employee.find().sort({name:1})
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
```

```
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.employee.find().limit(3)
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.employee.find({age:{$gt:30}})
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.employee.find({age:{$lt:30}})
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi", "dep" : 20, "age" : 20,
"place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
> db.employee.update({name:'Timothi'},{$set:{name:'Timothi Abey'}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.employee.find()
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi Abey", "dep" : 20, "age" :
20, "place" : "Malappuram" }
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.employee.find({$or:({$or:[{name:'Timothi Abey'},{age:30}]})
...
... ^C

> db.employee.find({$or:[{name:'Timothi Abey'},{age:30}]})
{ "_id" : ObjectId("654ded93d21b1869d7273622"), "name" : "Timothi Abey", "dep" : 20, "age" :
20, "place" : "Malappuram" }
> db.employee.aggregate([{$group:{_id:"$name",count:{$sum:1}}}])
{ "_id" : "Kiran", "count" : 1 }
{ "_id" : "Timothi Abey", "count" : 1 }
{ "_id" : "Smith", "count" : 1 }
> db.employee.remove({name:'Timothi Abey'})
WriteResult({ "nRemoved" : 1 })
> db.employee.find()
{ "_id" : ObjectId("654dee60d21b1869d7273623"), "name" : "Kiran", "age" : 20, "dep" : 40 }
{ "_id" : ObjectId("654dee60d21b1869d7273624"), "name" : "Smith", "dep" : 30, "age" : 34 }
> db.emp2.drop()
true
>
```