test> use db1

switched to db db1

db1> db.teachers.insert([{tname : "clay",dno : 1,dname : "ai",exp : 5,sal : 6000,doj : '2023-01-12'},{tname : "hanaah",dno : 2,dname : "ds",exp : 6,sal : 7000,doj : '2023-06-14'},{tname : "jessica",dno : 3,dname : "comp",exp : 7,sal : 8000,doj : '2023-01-03'},{tname : "dino",dno : 4,dname : "it",exp : 8,sal : 9000,doj : '2023-05-12'}])

DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.

{

acknowledged: true,

insertedIds: {

'0': ObjectId("652b7bcdf43282eee0b8c400"),

'1': ObjectId("652b7bcdf43282eee0b8c401"),

'2': ObjectId("652b7bcdf43282eee0b8c402"),

'3': ObjectId("652b7bcdf43282eee0b8c403")

}

}

db1> db.students.insert([{sname : "tejashri",rollno : 6,class : "te"},{sname : "ankita",rollno : 28,class : "te"},{sname : "aastha",rollno : 47,class :

"te"}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("652b7c52f43282eee0b8c404"),

'1': ObjectId("652b7c52f43282eee0b8c405"),

'2': ObjectId("652b7c52f43282eee0b8c406")

}

}

db1> db.teachers.find()

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c400"),

tname: 'clay',

dno: 1,

dname: 'ai',

exp: 5,

sal: 6000,

doj: '2023-01-12'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c401"),

tname: 'hanaah',

dno: 2,

dname: 'ds',

exp: 6,

sal: 7000,

doj: '2023-06-14'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c402"),

tname: 'jessica',

dno: 3,

dname: 'comp',

exp: 7,

sal: 8000,

doj: '2023-01-03'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c403"),

tname: 'dino',

dno: 4,

dname: 'it',

exp: 8,

sal: 9000,

doj: '2023-05-12'

}

]

db1> db.teachers.find({dname : "comp"})

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c402"),

tname: 'jessica',

dno: 3,

dname: 'comp',

exp: 7,

sal: 8000,

doj: '2023-01-03'

}

]

db1> db.teachers.find({dname : {$in : ["comp","it","entc"]}})

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c402"),

tname: 'jessica',

dno: 3,

dname: 'comp',

exp: 7,

sal: 8000,

doj: '2023-01-03'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c403"),

tname: 'dino',

dno: 4,

dname: 'it',

exp: 8,

sal: 9000,

doj: '2023-05-12'

}

]

db1> db.teachers.find({dname : {$in : ["comp","it","entc"]},sal : {$gte : 7000}})

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c402"),

tname: 'jessica',

dno: 3,

dname: 'comp',

exp: 7,

sal: 8000,

doj: '2023-01-03'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c403"),

tname: 'dino',

dno: 4,

dname: 'it',

exp: 8,

sal: 9000,

doj: '2023-05-12'

}

]

db1> db.students.find({$or : [{rollno : 6},{sname : "tejashri"}]})

[

{

\_id: ObjectId("652b7c52f43282eee0b8c404"),

sname: 'tejashri',

rollno: 6,

class: 'te'

}

]

db1> db.teachers.update({tname : "dino"},{$set : {exp : 10}},{upsert : true})

DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

db1> db.teachers.find({tname : "dino"})

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c403"),

tname: 'dino',

dno: 4,

dname: 'it',

exp: 10,

sal: 9000,

doj: '2023-05-12'

}

]

db1> db.teachers.update({dname : "it"},{$set : {dname : "comp"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

db1> db.teachers.find()

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c400"),

tname: 'clay',

dno: 1,

dname: 'ai',

exp: 5,

sal: 6000,

doj: '2023-01-12'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c401"),

tname: 'hanaah',

dno: 2,

dname: 'ds',

exp: 6,

sal: 7000,

doj: '2023-06-14'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c402"),

tname: 'jessica',

dno: 3,

dname: 'comp',

exp: 7,

sal: 8000,

doj: '2023-01-03'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c403"),

tname: 'dino',

dno: 4,

dname: 'comp',

exp: 10,

sal: 9000,

doj: '2023-05-12'

}

]

db1> db.teachers.find({},{tname : 1,exp : 1})

[

{ \_id: ObjectId("652b7bcdf43282eee0b8c400"), tname: 'clay', exp: 5 },

{

\_id: ObjectId("652b7bcdf43282eee0b8c401"),

tname: 'hanaah',

exp: 6

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c402"),

tname: 'jessica',

exp: 7

},

{ \_id: ObjectId("652b7bcdf43282eee0b8c403"), tname: 'dino', exp: 10 }

]

db1> db.teachers.remove({dname : "ai"})

DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite.

{ acknowledged: true, deletedCount: 1 }

db1> db.teachers.find()

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c401"),

tname: 'hanaah',

dno: 2,

dname: 'ds',

exp: 6,

sal: 7000,

doj: '2023-06-14'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c402"),

tname: 'jessica',

dno: 3,

dname: 'comp',

exp: 7,

sal: 8000,

doj: '2023-01-03'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c403"),

tname: 'dino',

dno: 4,

dname: 'comp',

exp: 10,

sal: 9000,

doj: '2023-05-12'

}

]

db1> db.teachers.find().sort({tname : 1}).limit(2).pretty()

[

{

\_id: ObjectId("652b7bcdf43282eee0b8c403"),

tname: 'dino',

dno: 4,

dname: 'comp',

exp: 10,

sal: 9000,

doj: '2023-05-12'

},

{

\_id: ObjectId("652b7bcdf43282eee0b8c401"),

tname: 'hanaah',

dno: 2,

dname: 'ds',

exp: 6,

sal: 7000,

doj: '2023-06-14'

}

]