**27/09/2020** **ASSIGNMENT 10** **Sanjay Rawat(7341)**

> show dbs

admin 0.000GB

config 0.000GB

local 0.000GB

> use Employee

switched to db Employee

> db.users.insert({EmpId:"E001",age:30,Status:"A"})

WriteResult({ "nInserted" : 1 })

> db.users.find()

{ "\_id" : ObjectId("5f714bdd8664d2f0833d53c9"), "EmpId" : "E001", "age" : 30, "Status" : "A" }

> db.users.find().pretty()

{

"\_id" : ObjectId("5f714bdd8664d2f0833d53c9"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

> db.users.insert({EmpId:"E002",age:40,Status:"B"})

WriteResult({ "nInserted" : 1 })

> db.users.insert({EmpId:"E003",age:44,Status:"A"})

WriteResult({ "nInserted" : 1 })

> db.users.find().pretty()

{

"\_id" : ObjectId("5f714bdd8664d2f0833d53c9"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

{

"\_id" : ObjectId("5f714c208664d2f0833d53cb"),

"EmpId" : "E003",

"age" : 44,

"Status" : "A"

}

> db.users.find({age:{$gt:25}}).pretty()

{

"\_id" : ObjectId("5f714bdd8664d2f0833d53c9"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

{

"\_id" : ObjectId("5f714c208664d2f0833d53cb"),

"EmpId" : "E003",

"age" : 44,

"Status" : "A"

}

> db.users.find({age:{$gt:35}}).pretty()

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

{

"\_id" : ObjectId("5f714c208664d2f0833d53cb"),

"EmpId" : "E003",

"age" : 44,

"Status" : "A"

}

> db.users.find({age:{$gt:35}},Status:"A").pretty()

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):1:35

> db.users.find({age:{$gt:35}},{Status:"A"}).pretty()

{ "\_id" : ObjectId("5f714c158664d2f0833d53ca"), "Status" : "A" }

{ "\_id" : ObjectId("5f714c208664d2f0833d53cb"), "Status" : "A" }

> db.users.find({Status:"A",age:{$gt:25}}).pretty()

{

"\_id" : ObjectId("5f714bdd8664d2f0833d53c9"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714c208664d2f0833d53cb"),

"EmpId" : "E003",

"age" : 44,

"Status" : "A"

}

> db.users.find({Status:"B"}).pretty()

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

> db.users.find({Status:"B",age:{$gt=25,$;lte:45}).pretty()

...

...

> db.users.find({Status:"B",age:{$gt:25,$lte:45}}).pretty()

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

> db.users.update({age:{$gt:40},{$set:{Status:"C"}},{multi:true})

...

...

> db.users.update({age:{$gt:40}},{$set:{Status:"C"}},{multi:true})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.users.find().pretty()

{

"\_id" : ObjectId("5f714bdd8664d2f0833d53c9"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

{

"\_id" : ObjectId("5f714c208664d2f0833d53cb"),

"EmpId" : "E003",

"age" : 44,

"Status" : "C"

}

> db.users.update({age:{$gt:40}},{$inc:{age:10}},{multi:true})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.users.find().pretty()

{

"\_id" : ObjectId("5f714bdd8664d2f0833d53c9"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

{

"\_id" : ObjectId("5f714c208664d2f0833d53cb"),

"EmpId" : "E003",

"age" : 54,

"Status" : "C"

}

> db.users.remove({Status:"C"})

WriteResult({ "nRemoved" : 1 })

> db.users.find().forEach(printjson)

{

"\_id" : ObjectId("5f714bdd8664d2f0833d53c9"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714c158664d2f0833d53ca"),

"EmpId" : "E002",

"age" : 40,

"Status" : "B"

}

> db.users.remove({})

WriteResult({ "nRemoved" : 2 })

> db.users.find().forEach(printjson)

> db.users.insert({EmpId:"E001",age:30,Status:"A"})

WriteResult({ "nInserted" : 1 })

> db.users.insert({EmpId:"E002",age:40,Status:"P"})

WriteResult({ "nInserted" : 1 })

> db.users.insert({EmpId:"E003",age:50,Status:"P"})

WriteResult({ "nInserted" : 1 })

> db.users.find().forEach(printjson)

{

"\_id" : ObjectId("5f714ead8664d2f0833d53cc"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714ebd8664d2f0833d53cd"),

"EmpId" : "E002",

"age" : 40,

"Status" : "P"

}

{

"\_id" : ObjectId("5f714ec58664d2f0833d53ce"),

"EmpId" : "E003",

"age" : 50,

"Status" : "P"

}

> db.users.find().pretty()

{

"\_id" : ObjectId("5f714ead8664d2f0833d53cc"),

"EmpId" : "E001",

"age" : 30,

"Status" : "A"

}

{

"\_id" : ObjectId("5f714ebd8664d2f0833d53cd"),

"EmpId" : "E002",

"age" : 40,

"Status" : "P"

}

{

"\_id" : ObjectId("5f714ec58664d2f0833d53ce"),

"EmpId" : "E003",

"age" : 50,

"Status" : "P"

}