**>\_MONGOSH**

use companyDB

switched to db companyDB

db

companyDB

db.products.insertMany([

{product\_id: 101,name: "Laptop",category: "Electronics",price: 55000,stock: 10},

{product\_id: 102,name: "Mouse",category: "Electronics",price: 700,stock: 50},

{product\_id: 103,name: "Office Chair",category: "Furniture",price: 4500,stock: 5},

{product\_id: 104,name: "Notebook",category: "Stationery",price: 50,stock: 300},

{product\_id: 105,name: "Water Bottle",category: "Kitchen",price: 250,stock: 100}

])

{

acknowledged: true,

insertedIds: {

**'0'**: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

**'1'**: ObjectId(**'687a3f06b5cd263d0e3dd85e'**),

**'2'**: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

**'3'**: ObjectId(**'687a3f06b5cd263d0e3dd860'**),

**'4'**: ObjectId(**'687a3f06b5cd263d0e3dd861'**)

}

}

db.products.find({category:{$ne:"Electronics"}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd860'**),

product\_id: 104,

name: **'Notebook'**,

category: **'Stationery'**,

price: 50,

stock: 300

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.find({price:{$gt:1000}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

db.products.find({stock:{$lt:50}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

db.products.find({category:{$in:["Furniture","Kitchen"]}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.find({stock:{$gte:50,$lte:100}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85e'**),

product\_id: 102,

name: **'Mouse'**,

category: **'Electronics'**,

price: 700,

stock: 50

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.find({stock:{$gte:10,$lte:100}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85e'**),

product\_id: 102,

name: **'Mouse'**,

category: **'Electronics'**,

price: 700,

stock: 50

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.find({price:{$ne:700}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd860'**),

product\_id: 104,

name: **'Notebook'**,

category: **'Stationery'**,

price: 50,

stock: 300

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.find({name:{$regex:"N"}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd860'**),

product\_id: 104,

name: **'Notebook'**,

category: **'Stationery'**,

price: 50,

stock: 300

}

db.products.find({stock:$lte:5})

**[SyntaxError:](file:///C:/Users/91936/AppData/Local/MongoDBCompass/app-1.46.6/resources/app.asar/build/index.html)** Unexpected token, expected "," (1:28)

[0m[31m[1m>[22m[39m[90m 1 |[39m db[33m.[39mproducts[33m.[39mfind({stock[33m:[39m$lte[33m:[39m[35m5[39m})

[90m |[39m [31m[1m^[22m[39m

[90m 2 |[39m[0m

db.products.find({stock:{$lte:5}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

db.products.find({stock:{$lt:5}})

db.products.find({stock:{$lte:5}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

db.products.find({category:{$ne:["Stationery","Kitchen"]}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85e'**),

product\_id: 102,

name: **'Mouse'**,

category: **'Electronics'**,

price: 700,

stock: 50

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd860'**),

product\_id: 104,

name: **'Notebook'**,

category: **'Stationery'**,

price: 50,

stock: 300

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.find({category:{$nin:["Stationery","Kitchen"]}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85e'**),

product\_id: 102,

name: **'Mouse'**,

category: **'Electronics'**,

price: 700,

stock: 50

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

db.products.find({category:{$ne:["Furniture"]}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85e'**),

product\_id: 102,

name: **'Mouse'**,

category: **'Electronics'**,

price: 700,

stock: 50

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85f'**),

product\_id: 103,

name: **'Office Chair'**,

category: **'Furniture'**,

price: 4500,

stock: 5

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd860'**),

product\_id: 104,

name: **'Notebook'**,

category: **'Stationery'**,

price: 50,

stock: 300

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.find({category:{$ne:"Furniture"}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85e'**),

product\_id: 102,

name: **'Mouse'**,

category: **'Electronics'**,

price: 700,

stock: 50

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd860'**),

product\_id: 104,

name: **'Notebook'**,

category: **'Stationery'**,

price: 50,

stock: 300

}

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd861'**),

product\_id: 105,

name: **'Water Bottle'**,

category: **'Kitchen'**,

price: 250,

stock: 100

}

db.products.findOne({category:{$ne:"Furniture"}})

{

\_id: ObjectId(**'687a3f06b5cd263d0e3dd85d'**),

product\_id: 101,

name: **'Laptop'**,

category: **'Electronics'**,

price: 55000,

stock: 10

}

companyDB