**MONGODB**

Full Querys:

use myproductsdb

db.createCollection("products")

db.products.insertMany([

{ id: "1", product\_name: "Intelligent Fresh Chips", product\_price: 655, product\_material: "Concrete", product\_color: "mint green" },

{ id: "2", product\_name: "Practical Fresh Sausages", product\_price: 911, product\_material: "Cotton", product\_color: "indigo" },

{ id: "3", product\_name: "Refined Steel Car", product\_price: 690, product\_material: "Rubber", product\_color: "gold" },

{ id: "4", product\_name: "Gorgeous Plastic Pants", product\_price: 492, product\_material: "Soft", product\_color: "plum" },

{ id: "5", product\_name: "Sleek Cotton Chair", product\_price: 33, product\_material: "Fresh", product\_color: "black" },

{ id: "6", product\_name: "Awesome Wooden Towels", product\_price: 474, product\_material: "Plastic", product\_color: "orange" },

{ id: "7", product\_name: "Practical Soft Shoes", product\_price: 500, product\_material: "Rubber", product\_color: "pink" },

{ id: "8", product\_name: "Incredible Steel Hat", product\_price: 78, product\_material: "Rubber", product\_color: "violet" },

{ id: "9", product\_name: "Awesome Wooden Ball", product\_price: 28, product\_material: "Soft", product\_color: "azure" },

{ id: "10", product\_name: "Generic Wooden Pizza", product\_price: 84, product\_material: "Frozen", product\_color: "indigo" },

{ id: "11", product\_name: "Unbranded Wooden Cheese", product\_price: 26, product\_material: "Soft", product\_color: "black" },

{ id: "12", product\_name: "Unbranded Plastic Salad", product\_price: 89, product\_material: "Wooden", product\_color: "pink" },

{ id: "13", product\_name: "Gorgeous Cotton Keyboard", product\_price: 37, product\_material: "Concrete", product\_color: "sky blue" },

{ id: "14", product\_name: "Incredible Steel Shirt", product\_price: 54, product\_material: "Metal", product\_color: "white" },

{ id: "15", product\_name: "Ergonomic Cotton Hat", product\_price: 43, product\_material: "Rubber", product\_color: "mint green" },

{ id: "16", product\_name: "Small Soft Chair", product\_price: 47, product\_material: "Cotton", product\_color: "teal" },

{ id: "17", product\_name: "Incredible Metal Car", product\_price: 36, product\_material: "Fresh", product\_color: "indigo" },

{ id: "18", product\_name: "Licensed Plastic Bacon", product\_price: 88, product\_material: "Steel", product\_color: "yellow" },

{ id: "19", product\_name: "Intelligent Cotton Chips", product\_price: 46, product\_material: "Soft", product\_color: "azure" },

{ id: "20", product\_name: "Handcrafted Wooden Bacon", product\_price: 36, product\_material: "Concrete", product\_color: "lime" },

{ id: "21", product\_name: "Unbranded Granite Chicken", product\_price: 90, product\_material: "Metal", product\_color: "gold" },

{ id: "22", product\_name: "Ergonomic Soft Hat", product\_price: 99, product\_material: "Rubber", product\_color: "black" },

{ id: "23", product\_name: "Intelligent Steel Pizza", product\_price: 95, product\_material: "Cotton", product\_color: "azure" },

{ id: "24", product\_name: "Tasty Rubber Cheese", product\_price: 47, product\_material: "Frozen", product\_color: "orchid" },

{ id: "25", product\_name: "Licensed Steel Car", product\_price: 20, product\_material: "Cotton", product\_color: "indigo" }

])

db.products.find()

db.products.find({ product\_price: { $gte: 400, $lte: 800 } })

db.products.find({ $or: [ { product\_price: { $lt: 400 } }, { product\_price: { $gt: 600 } } ] })

db.products.find({ product\_price: { $gt: 500 } }).limit(4)

db.products.find({}, { product\_name: 1, product\_material: 1 })

db.products.find({ id: "10" })

db.products.find({}, { product\_name: 1, product\_material: 1, \_id: 0 })

db.products.find({ product\_material: "Soft" })

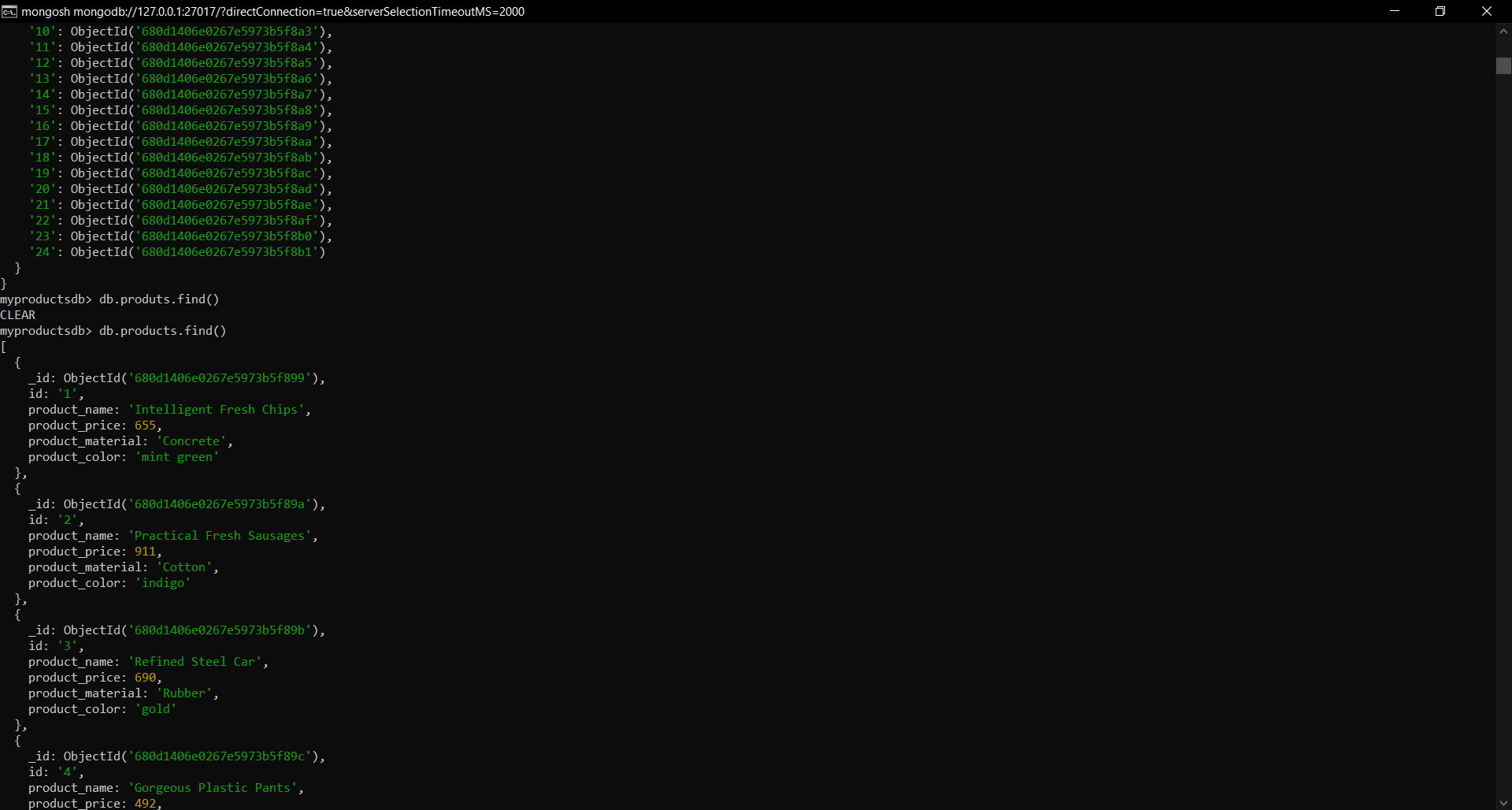
db.products.find({ product\_color: "indigo", product\_price: 492 })

db.products.deleteMany({ product\_price: 28 })

1. Find all the information about each products

Code

db.products.find()



1. Find the product price which are between 400 to 800

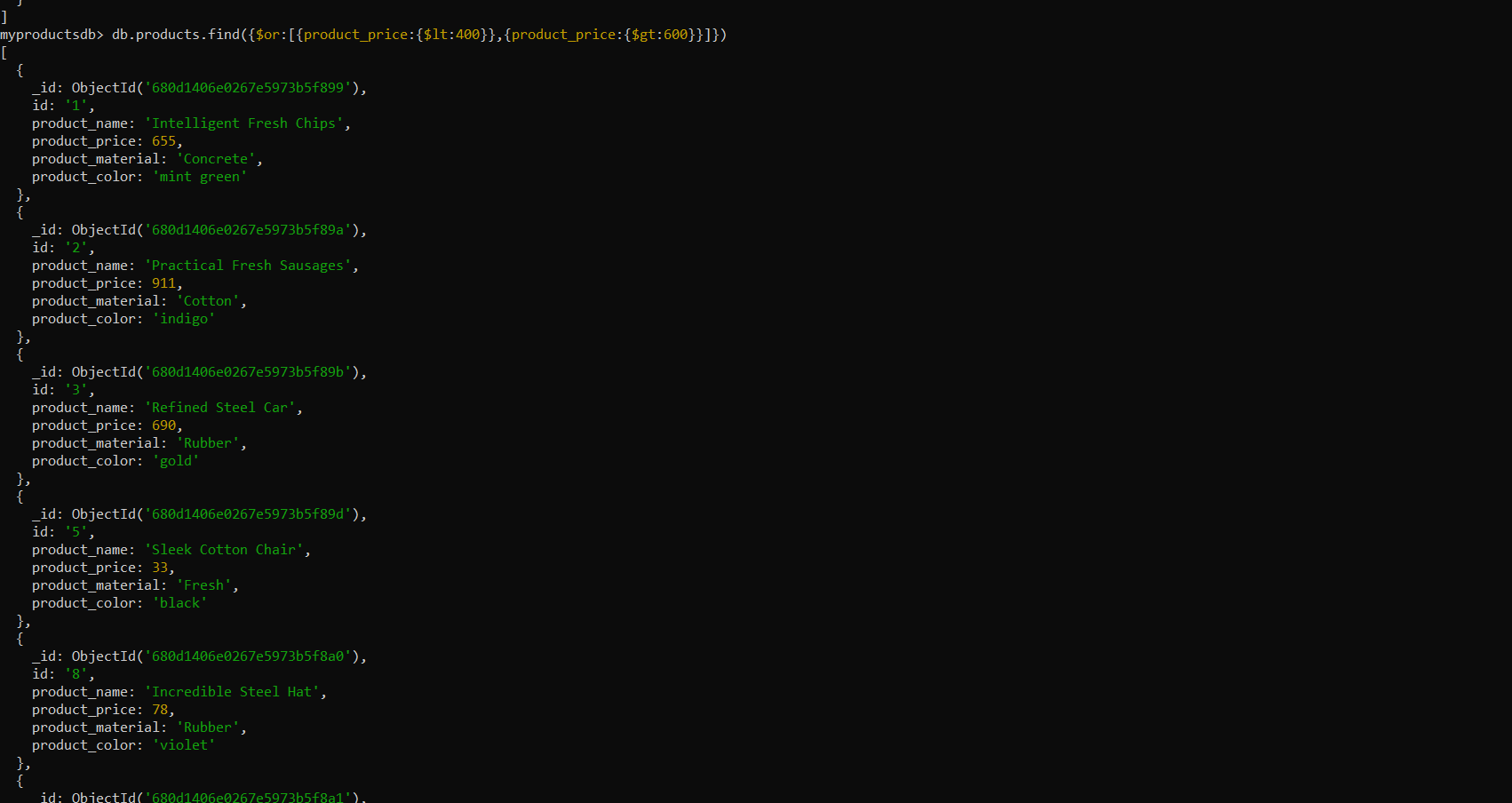
Code:

db.products.find({ product\_price: { $gte: 400, $lte: 800 } })



1. Find the product price which are not between 400 to 600

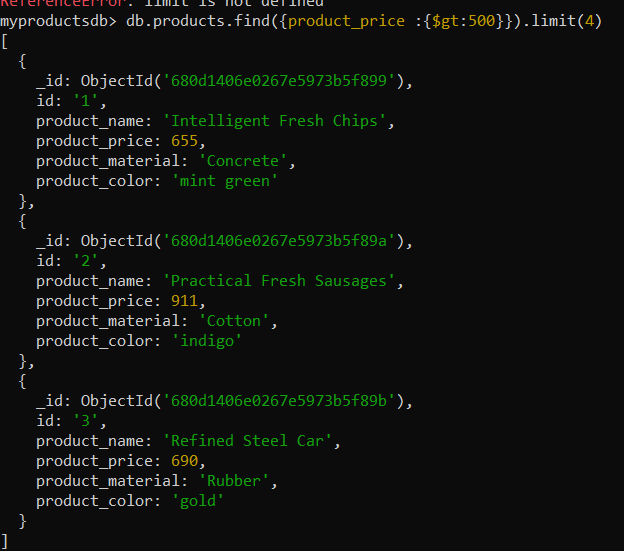
Code: db.products.find({ $or: [ { product\_price: { $lt: 400 } }, { product\_price: { $gt: 600 } } ] })



1. List the four product which are greater than 500 in price

Code:

db.products.find({ product\_price: { $gt: 500 } }).limit(4)



**5. Find the product name and product material of each product:**

Code:

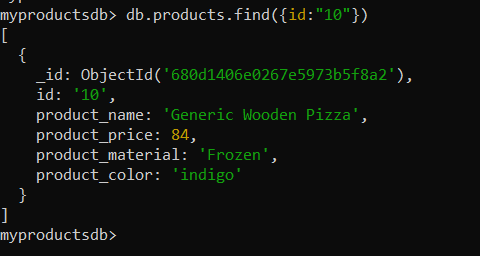
db.products.find({}, { product\_name: 1, product\_material: 1, \_id: 0 })



**6. Find the product with a row id of 10:**

Code:

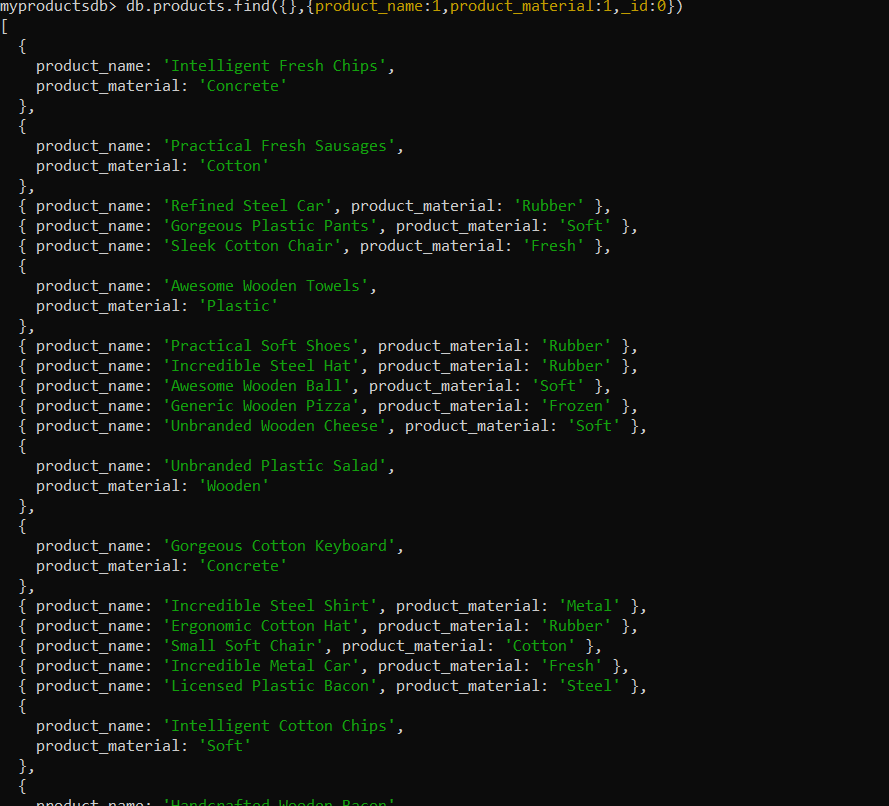
db.products.find({ id: "10" })



**7. Find only the product name and product material:**

code

db.products.find({}, { product\_name: 1, product\_material: 1, \_id: 0 })



**8. Find all products which contain the value "Soft" in product\_material:**

code

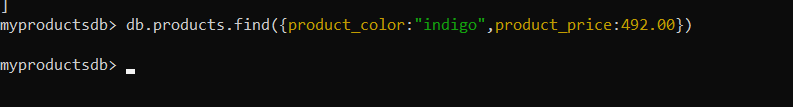
db.products.find({ product\_material: { $regex: /Soft/i } })



**9. Find products which contain product\_color: "indigo" and product\_price: 492.00:**

code

db.products.find({ product\_color: "indigo", product\_price: 492.00 })



**10. Delete the products which product price value is 28:**

code

db.products.deleteMany({ product\_price: 28 })

