**Find all the information about each product**

Ans:db.products.find({})

**Find the product price which are between 400 to 800**

Ans:db.products.find({"product\_price":{$gt:400,$lt:600}})

**Find the product price which are not between 400 to 600**

Ans:db.products.find({"product\_price":{$not:{$gt:400,$lt:600}}})

**List the four product which are grater than 500 in price**

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

**Find the product name and product material of each products**

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

**Find the product with a row id of 10**

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

**Find only the product name and product material**

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

**Find all products which contain the value of soft in product material**

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

**Find products which contain product color indigo and product price 492.00**

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

**Delete the products which product price value are same**

Ans:

db.products.aggregate([

{

"$group": {

\_id: "$product\_price",

dups: { $addToSet: "$\_id" } ,

count: { $sum : 1 }

}

},

{

"$match": {

count: { "$gt": 1 }

}

}

]).forEach(function(doc) {

db.products.remove({

\_id: {$in: doc.dups}

});

})

**Create DB :**

use products

**Create collection and add documents:**

db.products.insertMany([

... {

... "id": "1",

... "product\_name": "Intelligent Fresh Chips",

... "product\_price": 655.00,

... "product\_material": "Concrete",

... "product\_color": "mint green"

... },

... {

... "id": "2",

... "product\_name": "Practical Fresh Sausages",

... "product\_price": 911.0,

... "product\_material": "Cotton",

... "product\_color": "indigo"

... },

... {

... "id": "3",

... "product\_name": "Refined Steel Car",

... "product\_price": 690.00,

... "product\_material": "Rubber",

... "product\_color": "gold"

... },

... {

... "id": "4",

... "product\_name": "Gorgeous Plastic Pants",

... "product\_price": 492.00,

... "product\_material": "Soft",

... "product\_color": "plum"

... },

... {

... "id": "5",

... "product\_name": "Sleek Cotton Chair",

... "product\_price": 33.00,

... "product\_material": "Fresh",

... "product\_color": "black"

... },

... {

... "id": "6",

... "product\_name": "Awesome Wooden Towels",

... "product\_price": 474.00,

... "product\_material": "Plastic",

... "product\_color": "orange"

... },

... {

... "id": "7",

... "product\_name": "Practical Soft Shoes",

... "product\_price": 500.00,

... "product\_material": "Rubber",

... "product\_color": "pink"

... },

... {

... "id": "8",

... "product\_name": "Incredible Steel Hat",

... "product\_price": 78.00,

... "product\_material": "Rubber",

... "product\_color": "violet"

... },

... {

... "id": "9",

... "product\_name": "Awesome Wooden Ball",

... "product\_price": 28.00,

... "product\_material": "Soft",

... "product\_color": "azure"

... },

... {

... "id": "10",

... "product\_name": "Generic Wooden Pizza",

... "product\_price": 84.00,

... "product\_material": "Frozen",

... "product\_color": "indigo"

... },

... {

... "id": "11",

... "product\_name": "Unbranded Wooden Cheese",

... "product\_price":26.00,

... "product\_material": "Soft",

... "product\_color": "black"

... },

... {

... "id": "12",

... "product\_name": "Unbranded Plastic Salad",

... "product\_price": 89.00,

... "product\_material": "Wooden",

... "product\_color": "pink"

... },

... {

... "id": "13",

... "product\_name": "Gorgeous Cotton Keyboard",

... "product\_price": 37.00,

... "product\_material": "Concrete",

... "product\_color": "sky blue"

... },

... {

... "id": "14",

... "product\_name": "Incredible Steel Shirt",

... "product\_price": 54.00,

... "product\_material": "Metal",

... "product\_color": "white"

... },

... {

... "id": "15",

... "product\_name": "Ergonomic Cotton Hat",

... "product\_price": 43.00,

... "product\_material": "Rubber",

... "product\_color": "mint green"

... },

... {

... "id": "16",

... "product\_name": "Small Soft Chair",

... "product\_price": 47.00,

... "product\_material": "Cotton",

... "product\_color": "teal"

... },

... {

... "id": "17",

... "product\_name": "Incredible Metal Car",

... "product\_price":36.00,

... "product\_material": "Fresh",

... "product\_color": "indigo"

... },

... {

... "id": "18",

... "product\_name": "Licensed Plastic Bacon",

... "product\_price":88.00,

... "product\_material": "Steel",

... "product\_color": "yellow"

... },

... {

... "id": "19",

... "product\_name": "Intelligent Cotton Chips",

... "product\_price": 46.00,

... "product\_material": "Soft",

... "product\_color": "azure"

... },

... {

... "id": "20",

... "product\_name": "Handcrafted Wooden Bacon",

... "product\_price": 36.00,

... "product\_material": "Concrete",

... "product\_color": "lime"

... },

... {

... "id": "21",

... "product\_name": "Unbranded Granite Chicken",

... "product\_price": 90.00,

... "product\_material": "Metal",

... "product\_color": "gold"

... },

... {

... "id": "22",

... "product\_name": "Ergonomic Soft Hat",

... "product\_price": 99.00,

... "product\_material": "Rubber",

... "product\_color": "black"

... },

... {

... "id": "23",

... "product\_name": "Intelligent Steel Pizza",

... "product\_price": 95.00,

... "product\_material": "Cotton",

... "product\_color": "azure"

... },

... {

... "id": "24",

... "product\_name": "Tasty Rubber Cheese",

... "product\_price":47.00,

... "product\_material": "Frozen",

... "product\_color": "orchid"

... },

... {

... "id": "25",

... "product\_name": "Licensed Steel Car",

... "product\_price":20.00,

... "product\_material": "Cotton",

... "product\_color": "indigo"

... }

... ])