....................products....................

**1.Find all the information about each products**

Query:

**db.products.find().pretty();**

output:

{

"\_id" : ObjectId("6448158807600df5a13a90b4"),

"id" : "1",

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

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b5"),

"id" : "2",

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

"product\_price" : 911,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b6"),

"id" : "3",

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

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b7"),

"id" : "4",

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

"product\_price" : 492,

"product\_material" : "Soft",

"product\_color" : "plum"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b8"),

"id" : "5",

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

"product\_price" : 33,

"product\_material" : "Fresh",

"product\_color" : "black"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b9"),

"id" : "6",

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

"product\_price" : 474,

"product\_material" : "Plastic",

"product\_color" : "orange"

}

{

"\_id" : ObjectId("6448158807600df5a13a90ba"),

"id" : "7",

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

"product\_price" : 500,

"product\_material" : "Rubber",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bb"),

"id" : "8",

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

"product\_price" : 78,

"product\_material" : "Rubber",

"product\_color" : "violet"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bc"),

"id" : "9",

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

"product\_price" : 28,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bd"),

"id" : "10",

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

"product\_price" : 84,

"product\_material" : "Frozen",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("6448158807600df5a13a90be"),

"id" : "11",

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

"product\_price" : 26,

"product\_material" : "Soft",

"product\_color" : "black"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bf"),

"id" : "12",

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

"product\_price" : 89,

"product\_material" : "Wooden",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c0"),

"id" : "13",

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

"product\_price" : 37,

"product\_material" : "Concrete",

"product\_color" : "sky blue"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c1"),

"id" : "14",

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

"product\_price" : 54,

"product\_material" : "Metal",

"product\_color" : "white"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c2"),

"id" : "15",

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

"product\_price" : 43,

"product\_material" : "Rubber",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c3"),

"id" : "16",

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

"product\_price" : 47,

"product\_material" : "Cotton",

"product\_color" : "teal"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c4"),

"id" : "17",

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

"product\_price" : 36,

"product\_material" : "Fresh",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c5"),

"id" : "18",

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

"product\_price" : 88,

"product\_material" : "Steel",

"product\_color" : "yellow"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c6"),

"id" : "19",

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

"product\_price" : 46,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c7"),

"id" : "20",

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

"product\_price" : 36,

"product\_material" : "Concrete",

"product\_color" : "lime"

}

Type "it" for more

> it

{

"\_id" : ObjectId("6448158807600df5a13a90c8"),

"id" : "21",

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

"product\_price" : 90,

"product\_material" : "Metal",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c9"),

"id" : "22",

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

"product\_price" : 99,

"product\_material" : "Rubber",

"product\_color" : "black"

}

{

"\_id" : ObjectId("6448158807600df5a13a90ca"),

"id" : "23",

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

"product\_price" : 95,

"product\_material" : "Cotton",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("6448158807600df5a13a90cb"),

"id" : "24",

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

"product\_price" : 47,

"product\_material" : "Frozen",

"product\_color" : "orchid"

}

{

"\_id" : ObjectId("6448158807600df5a13a90cc"),

"id" : "25",

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

"product\_price" : 20,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

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

Query:

**db.products.find({$and:[{"product\_price":{$gte:400}},{"product\_price":{$lte:800}}]}).pretty();**

output:

{

"\_id" : ObjectId("6446485dc9975ff491f3cefa"),

"id" : "1",

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

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefc"),

"id" : "3",

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

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefd"),

"id" : "4",

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

"product\_price" : 492,

"product\_material" : "Soft",

"product\_color" : "plum"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3ceff"),

"id" : "6",

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

"product\_price" : 474,

"product\_material" : "Plastic",

"product\_color" : "orange"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf00"),

"id" : "7",

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

"product\_price" : 500,

"product\_material" : "Rubber",

"product\_color" : "pink"

}

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

Query:

**db.products.find({$or:[{"product\_price":{$lte:400}},{"product\_price":{$gte:600}}]}).pretty();**

output:

{

"\_id" : ObjectId("6446485dc9975ff491f3cefa"),

"id" : "1",

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

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefb"),

"id" : "2",

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

"product\_price" : 911,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefc"),

"id" : "3",

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

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefe"),

"id" : "5",

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

"product\_price" : 33,

"product\_material" : "Fresh",

"product\_color" : "black"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf01"),

"id" : "8",

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

"product\_price" : 78,

"product\_material" : "Rubber",

"product\_color" : "violet"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf02"),

"id" : "9",

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

"product\_price" : 28,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf03"),

"id" : "10",

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

"product\_price" : 84,

"product\_material" : "Frozen",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf04"),

"id" : "11",

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

"product\_price" : 26,

"product\_material" : "Soft",

"product\_color" : "black"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf05"),

"id" : "12",

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

"product\_price" : 89,

"product\_material" : "Wooden",

"product\_color" : "pink"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf06"),

"id" : "13",

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

"product\_price" : 37,

"product\_material" : "Concrete",

"product\_color" : "sky blue"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf07"),

"id" : "14",

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

"product\_price" : 54,

"product\_material" : "Metal",

"product\_color" : "white"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf08"),

"id" : "15",

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

"product\_price" : 43,

"product\_material" : "Rubber",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf09"),

"id" : "16",

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

"product\_price" : 47,

"product\_material" : "Cotton",

"product\_color" : "teal"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0a"),

"id" : "17",

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

"product\_price" : 36,

"product\_material" : "Fresh",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0b"),

"id" : "18",

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

"product\_price" : 88,

"product\_material" : "Steel",

"product\_color" : "yellow"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0c"),

"id" : "19",

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

"product\_price" : 46,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0d"),

"id" : "20",

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

"product\_price" : 36,

"product\_material" : "Concrete",

"product\_color" : "lime"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0e"),

"id" : "21",

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

"product\_price" : 90,

"product\_material" : "Metal",

"product\_color" : "gold"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0f"),

"id" : "22",

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

"product\_price" : 99,

"product\_material" : "Rubber",

"product\_color" : "black"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf10"),

"id" : "23",

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

"product\_price" : 95,

"product\_material" : "Cotton",

"product\_color" : "azure"

}

Type "it" for more

> it

{

"\_id" : ObjectId("6446485dc9975ff491f3cf11"),

"id" : "24",

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

"product\_price" : 47,

"product\_material" : "Frozen",

"product\_color" : "orchid"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf12"),

"id" : "25",

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

"product\_price" : 20,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

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

Query:

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

output:

{

"\_id" : ObjectId("6446485dc9975ff491f3cefa"),

"id" : "1",

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

"product\_price" : 655,

"product\_material" : "Concrete",

"product\_color" : "mint green"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefb"),

"id" : "2",

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

"product\_price" : 911,

"product\_material" : "Cotton",

"product\_color" : "indigo"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefc"),

"id" : "3",

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

"product\_price" : 690,

"product\_material" : "Rubber",

"product\_color" : "gold"

}

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

Query:

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

output:

{

"\_id" : ObjectId("6448158807600df5a13a90b4"),

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

"product\_material" : "Concrete"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b5"),

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

"product\_material" : "Cotton"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b6"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b7"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b8"),

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

"product\_material" : "Fresh"

}

{

"\_id" : ObjectId("6448158807600df5a13a90b9"),

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

"product\_material" : "Plastic"

}

{

"\_id" : ObjectId("6448158807600df5a13a90ba"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bb"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bc"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bd"),

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

"product\_material" : "Frozen"

}

{

"\_id" : ObjectId("6448158807600df5a13a90be"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6448158807600df5a13a90bf"),

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

"product\_material" : "Wooden"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c0"),

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

"product\_material" : "Concrete"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c1"),

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

"product\_material" : "Metal"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c2"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c3"),

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

"product\_material" : "Cotton"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c4"),

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

"product\_material" : "Fresh"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c5"),

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

"product\_material" : "Steel"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c6"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c7"),

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

"product\_material" : "Concrete"

}

Type "it" for more

> it

{

"\_id" : ObjectId("6448158807600df5a13a90c8"),

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

"product\_material" : "Metal"

}

{

"\_id" : ObjectId("6448158807600df5a13a90c9"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6448158807600df5a13a90ca"),

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

"product\_material" : "Cotton"

}

{

"\_id" : ObjectId("6448158807600df5a13a90cb"),

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

"product\_material" : "Frozen"

}

{

"\_id" : ObjectId("6448158807600df5a13a90cc"),

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

"product\_material" : "Cotton"

}

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

Query:

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

output:

{

"\_id" : ObjectId("6446485dc9975ff491f3cf03"),

"id" : "10",

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

"product\_price" : 84,

"product\_material" : "Frozen",

"product\_color" : "indigo"

}

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

Query:

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

output:

{

"\_id" : ObjectId("6446485dc9975ff491f3cefa"),

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

"product\_material" : "Concrete"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefb"),

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

"product\_material" : "Cotton"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefc"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefd"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cefe"),

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

"product\_material" : "Fresh"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3ceff"),

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

"product\_material" : "Plastic"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf00"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf01"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf02"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf03"),

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

"product\_material" : "Frozen"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf04"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf05"),

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

"product\_material" : "Wooden"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf06"),

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

"product\_material" : "Concrete"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf07"),

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

"product\_material" : "Metal"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf08"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf09"),

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

"product\_material" : "Cotton"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0a"),

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

"product\_material" : "Fresh"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0b"),

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

"product\_material" : "Steel"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0c"),

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

"product\_material" : "Soft"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0d"),

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

"product\_material" : "Concrete"

}

Type "it" for more

> it

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0e"),

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

"product\_material" : "Metal"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0f"),

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

"product\_material" : "Rubber"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf10"),

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

"product\_material" : "Cotton"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf11"),

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

"product\_material" : "Frozen"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf12"),

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

"product\_material" : "Cotton"

}

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

Query:

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

output:

{

"\_id" : ObjectId("6446485dc9975ff491f3cefd"),

"id" : "4",

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

"product\_price" : 492,

"product\_material" : "Soft",

"product\_color" : "plum"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf02"),

"id" : "9",

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

"product\_price" : 28,

"product\_material" : "Soft",

"product\_color" : "azure"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf04"),

"id" : "11",

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

"product\_price" : 26,

"product\_material" : "Soft",

"product\_color" : "black"

}

{

"\_id" : ObjectId("6446485dc9975ff491f3cf0c"),

"id" : "19",

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

"product\_price" : 46,

"product\_material" : "Soft",

"product\_color" : "azure"

}

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

Query: **db.products.find({$and:[{product\_color:"indigo"},{product\_price:492}]}).pretty();**

**10.Delete the products whose product price value is the same.**

Query:

var duplicates = [];

db.products.aggregate([

{ $match: { product\_price: { "$ne":'' } }},

{ $group:{ \_id:{product\_price:"$product\_price"},

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

count: { "$sum":1 }}},

{$match: {count:{ "$gt":1 }}}],

{allowDiskUse:true}).forEach(function(doc) {

doc.dups.shift();

doc.dups.forEach( function(dupId){

duplicates.push(dupId);})})

printjson(duplicates);

db.products.remove({\_id:{$in:duplicates}})

output:

var duplicates = [];

> db.products.aggregate([

... { $match: { product\_price: { "$ne":'' } }},

... { $group:{ \_id:{product\_price:"$product\_price"},

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

... count: { "$sum":1 }}},

... {$match: {count:{ "$gt":1 }}}],

... {allowDiskUse:true}).forEach(function(doc) {

... doc.dups.shift();

... doc.dups.forEach( function(dupId){

... duplicates.push(dupId);})})

> printjson(duplicates);

[

ObjectId("6448158807600df5a13a90c3"),

ObjectId("6448158807600df5a13a90c7")

]

> db.products.remove({\_id:{$in:duplicates}})

WriteResult({ "nRemoved" : 2 })

> db.products.find()

{ "\_id" : ObjectId("6448158807600df5a13a90b4"), "id" : "1", "product\_name" : "Intelligent Fresh Chips", "product\_price" : 655, "product\_material" : "Concrete", "product\_color" : "mint green" }

{ "\_id" : ObjectId("6448158807600df5a13a90b5"), "id" : "2", "product\_name" : "Practical Fresh Sausages", "product\_price" : 911, "product\_material" : "Cotton", "product\_color" : "indigo" }

{ "\_id" : ObjectId("6448158807600df5a13a90b6"), "id" : "3", "product\_name" : "Refined Steel Car", "product\_price" : 690, "product\_material" : "Rubber", "product\_color" : "gold" }

{ "\_id" : ObjectId("6448158807600df5a13a90b7"), "id" : "4", "product\_name" : "Gorgeous Plastic Pants", "product\_price" : 492, "product\_material" : "Soft", "product\_color" : "plum" }

{ "\_id" : ObjectId("6448158807600df5a13a90b8"), "id" : "5", "product\_name" : "Sleek Cotton Chair", "product\_price" : 33, "product\_material" : "Fresh", "product\_color" : "black" }

{ "\_id" : ObjectId("6448158807600df5a13a90b9"), "id" : "6", "product\_name" : "Awesome Wooden Towels", "product\_price" : 474, "product\_material" : "Plastic", "product\_color" : "orange" }

{ "\_id" : ObjectId("6448158807600df5a13a90ba"), "id" : "7", "product\_name" : "Practical Soft Shoes", "product\_price" : 500, "product\_material" : "Rubber", "product\_color" : "pink" }

{ "\_id" : ObjectId("6448158807600df5a13a90bb"), "id" : "8", "product\_name" : "Incredible Steel Hat", "product\_price" : 78, "product\_material" : "Rubber", "product\_color" : "violet" }

{ "\_id" : ObjectId("6448158807600df5a13a90bc"), "id" : "9", "product\_name" : "Awesome Wooden Ball", "product\_price" : 28, "product\_material" : "Soft", "product\_color" : "azure" }

{ "\_id" : ObjectId("6448158807600df5a13a90bd"), "id" : "10", "product\_name" : "Generic Wooden Pizza", "product\_price" : 84, "product\_material" : "Frozen", "product\_color" : "indigo" }

{ "\_id" : ObjectId("6448158807600df5a13a90be"), "id" : "11", "product\_name" : "Unbranded Wooden Cheese", "product\_price" : 26, "product\_material" : "Soft", "product\_color" : "black" }

{ "\_id" : ObjectId("6448158807600df5a13a90bf"), "id" : "12", "product\_name" : "Unbranded Plastic Salad", "product\_price" : 89, "product\_material" : "Wooden", "product\_color" : "pink" }

{ "\_id" : ObjectId("6448158807600df5a13a90c0"), "id" : "13", "product\_name" : "Gorgeous Cotton Keyboard", "product\_price" : 37, "product\_material" : "Concrete", "product\_color" : "sky blue" }

{ "\_id" : ObjectId("6448158807600df5a13a90c1"), "id" : "14", "product\_name" : "Incredible Steel Shirt", "product\_price" : 54, "product\_material" : "Metal", "product\_color" : "white" }

{ "\_id" : ObjectId("6448158807600df5a13a90c2"), "id" : "15", "product\_name" : "Ergonomic Cotton Hat", "product\_price" : 43, "product\_material" : "Rubber", "product\_color" : "mint green" }

{ "\_id" : ObjectId("6448158807600df5a13a90c4"), "id" : "17", "product\_name" : "Incredible Metal Car", "product\_price" : 36, "product\_material" : "Fresh", "product\_color" : "indigo" }

{ "\_id" : ObjectId("6448158807600df5a13a90c5"), "id" : "18", "product\_name" : "Licensed Plastic Bacon", "product\_price" : 88, "product\_material" : "Steel", "product\_color" : "yellow" }

{ "\_id" : ObjectId("6448158807600df5a13a90c6"), "id" : "19", "product\_name" : "Intelligent Cotton Chips", "product\_price" : 46, "product\_material" : "Soft", "product\_color" : "azure" }

{ "\_id" : ObjectId("6448158807600df5a13a90c8"), "id" : "21", "product\_name" : "Unbranded Granite Chicken", "product\_price" : 90, "product\_material" : "Metal", "product\_color" : "gold" }

{ "\_id" : ObjectId("6448158807600df5a13a90c9"), "id" : "22", "product\_name" : "Ergonomic Soft Hat", "product\_price" : 99, "product\_material" : "Rubber", "product\_color" : "black" }

Type "it" for more

> it

{ "\_id" : ObjectId("6448158807600df5a13a90ca"), "id" : "23", "product\_name" : "Intelligent Steel Pizza", "product\_price" : 95, "product\_material" : "Cotton", "product\_color" : "azure" }

{ "\_id" : ObjectId("6448158807600df5a13a90cb"), "id" : "24", "product\_name" : "Tasty Rubber Cheese", "product\_price" : 47, "product\_material" : "Frozen", "product\_color" : "orchid" }

{ "\_id" : ObjectId("6448158807600df5a13a90cc"), "id" : "25", "product\_name" : "Licensed Steel Car", "product\_price" : 20, "product\_material" : "Cotton", "product\_color" : "indigo" }