1. Find all the information about each products

db.products.find()

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

db.products.find({$and:[{product\_price:{$gt:400}},{product\_price:{$lt:800}}]})

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

db.products.find({product\_price:{$nin:db.products.find({$and:[{product\_price:{$gt:400}},{product\_price:{$lt:600}}]}).map(function(e){return e.product\_price})}})

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

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

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

db.products.find().map(function(e){return [e.product\_name,e.product\_material]})

6. Find the product with a row id of 10

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

7. Find only the product name and product material

db.products.find().map(function(e){return [e.product\_name,e.product\_material]})

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

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

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

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

10. Delete the products which product price value are same

db.products.remove({product\_price:{$in:db.products.aggregate([ {$group: { \_id: {product\_price: "$product\_price"}, count: {$sum: 1} } }, {$match: { count: {"$gt": 1} } } ]).map(function(e){return e.\_id.product\_price})}});

WriteResult({ "nRemoved" : 4 })