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

**// solution**

db.products.find({}, { \_id: 0 });

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

**// solution**

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

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

**// solution**

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

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

**// solution**

db.products.find({product\_price:{$gt:400}}).limit(4)

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

**// solution**

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

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

**// solution**

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

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

**// solution**

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

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

**// solution**

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

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

**// solution**

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

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

**// solution**

db.products.aggregate([{$group:{\_id:"$product\_price",count: {$sum: 1}}},{$match:{count:{"$gt":1}}}])

db.products.remove({"product\_price":36})

db.products.remove({"product\_price":47})