1.Find all the information about each products.

Query is : db.products.find().pretty();

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

Query is : db.products.find({product_price: {$gte: 400, $lte:800}}).pretty();

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

Query is : db.products.find({product_price: {$not :{$gte: 400, $lte:600}}}).pretty();

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

Query is : db.products.find({product_price: {$gte: 500}}).limit(4).pretty();

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

Query is : db.products.find({},{product_name:1, product_material:1}).pretty();

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

Query is : db.products.findOne({id:"10"});

7.Find only the product name and product material.

Query is : db.products.find({},{product_name:1, product_material:1}).limit(1).pretty();

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

Query is : db.products.find({product_material: {$all: ["Soft"]}}).pretty();

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

Query is : db.products.find({$and: [{product_color:"plum" , product_price:492 }]}).pretty();

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

Query is :db.products.aggregate([

```
  {
    $group: {
      _id: "$product_price",
      dups: { $push: "$_id" },
      count: { $sum: 1 },
    },
  },
  {
    $match: {
      count: { $gt: 1 },
    },
  },
  {
```

```
    $sort: {
      count: -1,
    },
  },
]).forEach(function(doc) {
  doc.dups.shift();
  db.products.remove({_id : {$in: doc.dups }});
});
```