

# MongoDB Day 1

**Product JSON:** <https://github.com/rvsp/database/blob/master/mongodb/product.json>

For the following question write the corresponding MongoDB queries

1. Find all the information about each products

**Answer: `db.products.find();`**

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

**Answer: `db.products.find({product_price:{$gt:400,$lt:800}})`**

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

**Answer: `db.Products.find({product_price:{$not:{$gt:400,$lt:600}}})`**

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

**Answer: `db.products.find({product_price:{$gt:500}}).limit(4);`**

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

**Answer: `db.products.find({}, {_id:0,product_name:1,product_material:1})`**

6. Find the product with a row id of 10

**Answer: `db.Products.find({id:"10"});`**

7. Find only the product name and product material

**Answer: `db.Products.find({}, {_id:0,product_name:1, product_material:1})`**

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

**Answer: `db.products.find({product_material:"Soft"});`**

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

**Answer: `db.products.find({product_color:"indigo",product_price:492})`**

10. Delete the products which product price value are same

**`db.Products.aggregate([  
 {  
 $group: {  
 _id: { product_price: "$product_price" },  
 ids: { $addToSet: "$_id" },  
 count: { $sum: 1 }  
 }  
 }  
])`**

```
    }  
  },  
  {  
    $match: {  
      count: { $gt: 1 }  
    }  
  }  
]  
]).forEach(function (group) {  
  db.Products.deleteMany({ _id: { $in: group.ids } });  
});
```