

Day 37 Assignment

Find all the information about each products

```
> db.products.find().toArray()
< [
  {
    _id: ObjectId("6475f6b5d05d496ac4ae0740"),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId("6475f6b5d05d496ac4ae0741"),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
]
```

Find the product price which are between 400 to 800

```
> db.products.find({product_price: {$gte:400,$lte:800}})
< {
  _id: ObjectId("6475f6b5d05d496ac4ae0740"),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId("6475f6b5d05d496ac4ae0742"),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
```

Find the product price which are not between 400 to 600

```
> db.products.find({$or:[{product_price:{$lt:400}},{product_price:{$gt:600}}]})
< {
  _id: ObjectId("6475f6b5d05d496ac4ae0740"),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId("6475f6b5d05d496ac4ae0741"),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
```

List the four product which are greater than 500 in price

```
> db.products.find({product_price:{$gt:500}}).limit(4)
< {
  _id: ObjectId("6475f6b5d05d496ac4ae0740"),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId("6475f6b5d05d496ac4ae0741"),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
```

Find the product name and product material of each products

```
> db.products.find().forEach(  
  (product)=>  
    {printjson(  
      `Product Name : ${product.product_name}  
      Product Material : ${product.product_material}`  
    )}  
< Product Name : Intelligent Fresh Chips  
  Product Material : Concrete  
< Product Name : Practical Fresh Sausages  
  Product Material : Cotton  
< Product Name : Refined Steel Car  
  Product Material : Rubber  
< Product Name : Gorgeous Plastic Pants  
  Product Material : Soft  
< Product Name : Sleek Cotton Chair
```

Find the product with a row id of 10

```
> db.products.find({id:'10'})  
< {  
  _id: ObjectId("6475f6b5d05d496ac4ae0749"),  
  id: '10',  
  product_name: 'Generic Wooden Pizza',  
  product_price: 84,  
  product_material: 'Frozen',  
  product_color: 'indigo'  
}
```

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

```
> db.products.find({product_material:'Soft'})
< {
  _id: ObjectId("6475f6b5d05d496ac4ae0743"),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
{
  _id: ObjectId("6475f6b5d05d496ac4ae0748"),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
}
```

Find products which contain product color indigo and product price 492.00

```
> db.products.find({$or:[{product_color:"indigo"},{product_price:492}]})
< {
  _id: ObjectId("6475f6b5d05d496ac4ae0741"),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId("6475f6b5d05d496ac4ae0743"),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
```