

Mongo DB Queries

Find all the information about each products

Ans: `db.products.find()`

```
{
  _id: ObjectId('66e858acd032e98f2a703788'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('66e858acd032e98f2a703789'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('66e858acd032e98f2a70378a'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
{
  _id: ObjectId('66e858acd032e98f2a70378b'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
{
  _id: ObjectId('66e858acd032e98f2a70378c'),
```

```
id: '5',
product_name: 'Sleek Cotton Chair',
product_price: 33,
product_material: 'Fresh',
product_color: 'black'
}
```

Find the product price which are between 400 to 800

Ans: `db.products.find({product_price:{$gte:400,$lte:800}})`

```
{
  _id: ObjectId('66e858acd032e98f2a70378d'),
  id: '6',
  product_name: 'Awesome Wooden Towels',
  product_price: 474,
  product_material: 'Plastic',
  product_color: 'orange'
}
```

```
{
  _id: ObjectId('66e858acd032e98f2a70378e'),
  id: '7',
  product_name: 'Practical Soft Shoes',
  product_price: 500,
  product_material: 'Rubber',
  product_color: 'pink'
}
```

Find the product price which are not between 400 to 600

ans: `db.products.find({products_price:{$not:{$gte:400,$lte:600}}})`

```
{
  _id: ObjectId('66e858acd032e98f2a703788'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
```

```
_id: ObjectId('66e858acd032e98f2a703789'),
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

Ans: `db.products.find({product_price:{$gte:500}}).limit(5)`

```
{
  _id: ObjectId('66e858acd032e98f2a703788'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('66e858acd032e98f2a703789'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('66e858acd032e98f2a70378a'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
{
  _id: ObjectId('66e858acd032e98f2a70378a'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
```

Find the product name and product material of each products

Ans: `db.products.find({}, {product_name:1, product_material:1})`

```
{
  _id: ObjectId('66e858acd032e98f2a703788'),
  product_name: 'Intelligent Fresh Chips',
  product_material: 'Concrete'
}
{
  _id: ObjectId('66e858acd032e98f2a703789'),
  product_name: 'Practical Fresh Sausages',
  product_material: 'Cotton'
}
```

Find the product with a row id of 10

Ans: `db.products.find({"id":"20"})`

```
{
  _id: ObjectId('66e858acd032e98f2a70379b'),
  id: '20',
  product_name: 'Handcrafted Wooden Bacon',
  product_price: 36,
  product_material: 'Concrete',
  product_color: 'lime'
}
```

Find only the product name and product material

Ans: `db.products.find({}, {product_name:1, product_material:1})`

```
{
  _id: ObjectId('66e858acd032e98f2a703788'),
  product_name: 'Intelligent Fresh Chips',
  product_material: 'Concrete'
}
{
  _id: ObjectId('66e858acd032e98f2a703789'),
  product_name: 'Practical Fresh Sausages',
  product_material: 'Cotton'
}
```

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

Ans: `db.products.find({product_material:{$regex:/soft/i}})`

```
{
  _id: ObjectId('66e858acd032e98f2a70378b'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
}
```

```
    product_color: 'plum'
  }
  {
    _id: ObjectId('66e858acd032e98f2a703790'),
    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

Ans: `db.products.find({product_price: 492.00,product_color: "indigo"})`

Delete the products which product price value are 28

Ans: `db.products.deleteOne({product_price:28})`

```
{
  acknowledged: true,
  deletedCount: 1
}
```