

## MONGODB TASK

1) Find all the information about each products?

```
db.products.find().pretty();
```

2) Find the product price which are between 400 to 800?

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

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

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

4) List the four product which are greater than 500 in price?

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

5) Find the product name and product material of each products?

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

6) Find the product with a row id of 10?

```
db.products.find({id:{$eq:"10"}}).pretty();
```

7) Find only the product name and product material?

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

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

```
db.products.find({product_material:{$eq:"Soft"}}).pretty();
```

9) Find products which contain product color indigo and product price 492.00?

```
db.products.findOne({ product_color: "indigo", product_price: "492.00" }).pretty()
```

10) Delete the products which product price value are same?

```
db.products.aggregate([
  {
    $group: {
      _id: "$product_price",
      uniqueIds: { $addToSet: "$_id" },
      count: { $sum: 1 }
    }
  },
  {
    $match: {
      count: { $gt: 1 }
    }
  }
]).forEach(function(doc) {
  doc.uniqueIds.shift(); // Keep one document, remove others
  db.products.remove({'_id': {'$in': doc.uniqueIds}});
});
```