1. Find all the information about each products

Query:

```
> db.products.find().toArray();
< [
   {
     _id: ObjectId('65aa8876d792947f8dbaf956'),
     id: '1',
     product_name: 'Intelligent Fresh Chips',
     product_price: 655,
     product_material: 'Concrete',
     product_color: 'mint green'
   },
     _id: ObjectId('65aa8876d792947f8dbaf957'),
     id: '2',
     product_name: 'Practical Fresh Sausages',
     product_price: 911,
     product_material: 'Cotton',
     product_color: 'indigo'
   },
   {
     _id: ObjectId('65aa8876d792947f8dbaf958'),
     id: '3',
     product_name: 'Refined Steel Car',
     product_price: 690,
     product_material: 'Rubber',
     product_color: 'gold'
```

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

Query:

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

Query:

```
>_MONGOSH
> db.products.find({$nor:[{product_price: {$gt: 400, $lt: 600}}]}).toArray();
< [
     _id: ObjectId('65aa8876d792947f8dbaf956'),
     product_name: 'Intelligent Fresh Chips',
     product_color: 'mint green'
     _id: ObjectId('65aa8876d792947f8dbaf95e'),
     product_name: 'Awesome Wooden Ball',
     product_price: 28,
     product_material: 'Soft',
     product_color: 'azure'
    },
     _id: ObjectId('65aa8876d792947f8dbaf960'),
      id: '11',
     product_name: 'Unbranded Wooden Cheese',
     product_material: 'Soft',
     product_color: 'black'
```

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

```
>_MONGOSH
> db.products.find({product_price:{$gt:500}}).limit(4);
< {
    _id: ObjectId('65aa8876d792947f8dbaf956'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
   product_material: 'Concrete',
   product_color: 'mint green'
  }
  {
    _id: ObjectId('65aa8876d792947f8dbaf958'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
   product_color: 'gold'
  }
   _id: ObjectId('65aa8876d792947f8dbaf957'),
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
```

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

```
>_MONGOSH
> db.products.find({}, {product_name: 1 , product_material: 1})
    _id: ObjectId('65aa8876d792947f8dbaf956'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  }
  {
    _id: ObjectId('65aa8876d792947f8dbaf95e'),
    product_name: 'Awesome Wooden Ball',
    product_material: 'Soft'
  }
  {
    _id: ObjectId('65aa8876d792947f8dbaf960'),
    product_name: 'Unbranded Wooden Cheese',
    product_material: 'Soft'
  }
    _id: ObjectId('65aa8876d792947f8dbaf964'),
    product_name: 'Ergonomic Cotton Hat',
    product_material: 'Rubber'
  }
    _id: ObjectId('65aa8876d792947f8dbaf965'),
    product_name: 'Small Soft Chair',
    product_material: 'Cotton'
```

6. Find the product with a row id of 10

```
> db.products.findOne({id:'10'})

< {
    _id: ObjectId('65aa8876d792947f8dbaf95f'),
    id: '10',
    product_name: 'Generic Wooden Pizza',
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
    }

Atlas atlas-6bcx3y-shard-0 [primary] guvi>
```

7. Find only the product name and product material

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

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

```
> db.products.find({$and: [{product_color: 'indigo'}, {product_price: 492}]}).toArray()
< []
Atlas atlas-6bcx3y-shard-0 [primary] guvi>
```

10. Delete the products which product price value are same