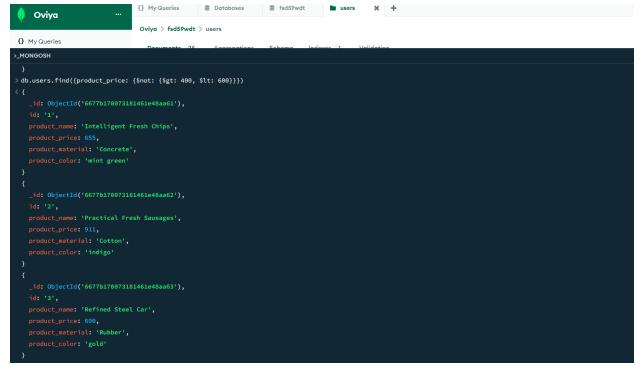
MONGODB

1. Find all the information about each products.

```
>_MONGOSH
> use fsd59wdt;
< already on db fsd59wdt</pre>
> db.users
< fsd59wdt.users</pre>
> db.users.find().toArray()
      _id: ObjectId('6677b170073181461e48aa61'),
     id: '1',
     product_name: 'Intelligent Fresh Chips',
     product_color: 'mint green'
     _id: ObjectId('6677b170073181461e48aa62'),
     product_name: 'Practical Fresh Sausages',
     product_color: 'indigo'
      _id: ObjectId('6677b170073181461e48aa63'),
     id: '3',
     product_name: 'Refined Steel Car',
     product_price: 690,
```

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

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



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

```
_MONGOSH
 Type It TOT MOTE
db.users.find({ product_price : { $gt: 500 } }).limit(4).skip(0);
   _id: ObjectId('6677b170073181461e48aa61'),
   id: '1',
   product_name: 'Intelligent Fresh Chips',
   product_price: 655,
   product_material: 'Concrete',
   product_color: 'mint green'
   _id: ObjectId('6677b170073181461e48aa62'),
   id: '2',
   product_name: 'Practical Fresh Sausages',
   product_price: 911,
   product_material: 'Cotton',
   product_color: 'indigo'
   _id: ObjectId('6677b170073181461e48aa63'),
   id: '3',
   product_name: 'Refined Steel Car',
   product_price: 690,
   product_material: 'Rubber',
   product_color: 'gold'
Atlas atlas-d8xav5-shard-0 [primary] fsd59wdt>
```

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

```
>_MONGOSH
    product_cotor: 'gota'
> db.users.find({}, {product_name:1, product_material:1} )
    _id: ObjectId('6677b170073181461e48aa61'),
    product_name: 'Intelligent Fresh Chips',
   product_material: 'Concrete'
    _id: ObjectId('6677b170073181461e48aa62'),
    product_name: 'Practical Fresh Sausages',
    _id: ObjectId('6677b170073181461e48aa63'),
    product_name: 'Refined Steel Car',
   product_material: 'Rubber'
    _id: ObjectId('6677b170073181461e48aa64'),
    product_name: 'Gorgeous Plastic Pants',
   product_material: 'Soft'
    _id: ObjectId('6677b170073181461e48aa65'),
    product_name: 'Sleek Cotton Chair',
    product_material: 'Fresh'
```

6. Find the product with a row id of 10

7. Find only the product name and product material

```
db.users.find({}, {product_name:1, product_material:1, _id:0} )
{
  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',
  product_material: 'Fresh'
}
{
  product_name: 'Awesome Wooden Towels',
  product_material: 'Plastic'
}
```

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

```
db.users.find({ "product_material": { $all: ["Soft"]}})
 _id: ObjectId('6677b170073181461e48aa64'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_material: 'Soft',
 product_color: 'plum'
}
  _id: ObjectId('6677b170073181461e48aa69'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
}
  _id: ObjectId('6677b170073181461e48aa6b'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
```

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

```
_id: ObjectId('6677b170073181461e48aa73'),
    id: '19',
    product_name: 'Intelligent Cotton Chips',
    product_price: 46,
    product_material: 'Soft',
    product_color: 'azure'
}

> db.users.find({ $and: [{"product_color": "indigo"}, {"product_price": {$eq: 492.00}}]})

Atlas atlas-d8xav5-shard-0 [primary] fsd59wdt>
```

10. Delete the products which product price value are 28

```
db.users.find({ $and: [{"product_color": "indigo"}, {"product_price": {$eq: 492.00}}]})

db.users.aggregate([
    {"$group" : { "_id": "$product_price", "count": { "$sum": 1 } },
    {"$match": {"_id" : { "$ne" : null } , "count" : {"$gt": 1} } },
    {"$project": {"name" : "$_id", "_id" : 0} }
    ])

{
    name: 47
}

aname: 36
}
las atlas-d8xav5-shard-0 [primary] fsd59wdt>
```