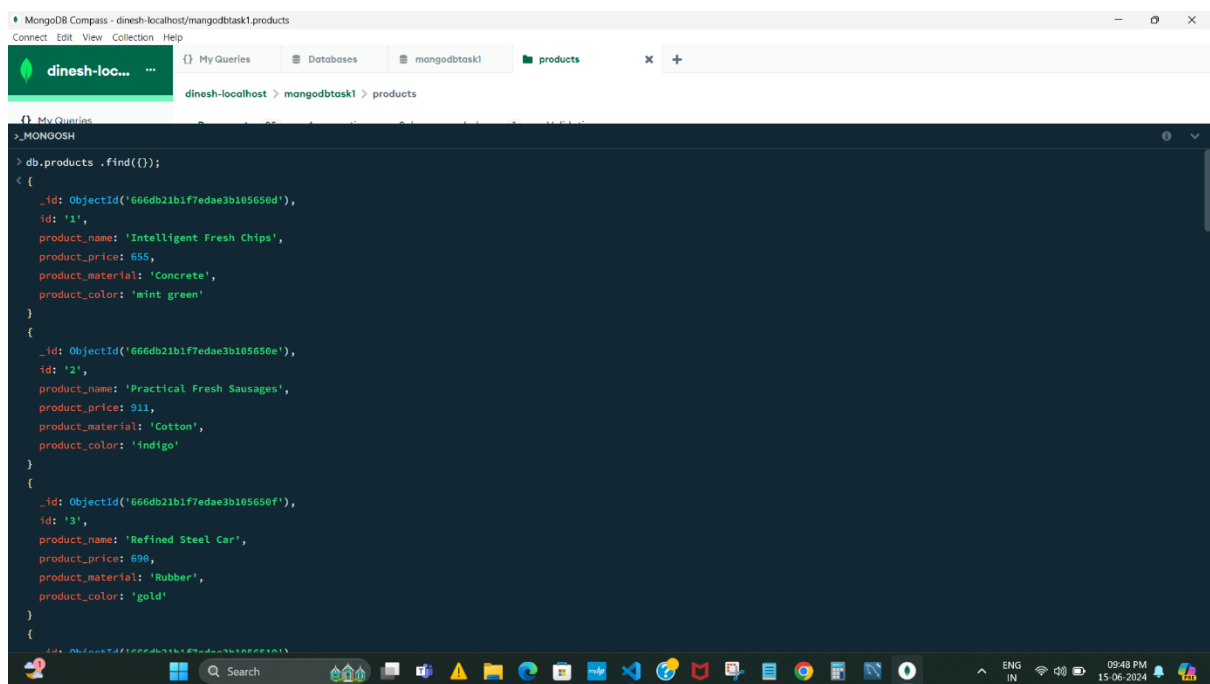# Mongodb task:1

1. Find all the information about each products
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
5. Find the product name and product material of each products
6. Find the product with a row id of 10
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
10. Delete the products which product price value are 28

1. Find all the information about each products

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

Connect Edit View Collection Help

{} My Queries   Databases   mangodbtask1   products   ✕   +

dinesh-localhost > mangodbtask1 > products

{} My Queries

>_MONGOSH

```
> db.products .find({product_price: { $gt: 400, $lt: 800 }});
< {
    _id: ObjectId('666db21b1f7edae3b105650d'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('666db21b1f7edae3b105650f'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
  {
    _id: ObjectId('666db21b1f7edae3b1056510'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  }
  {
    _id: ObjectId('666db21b1f7edae3b1056511')
```

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

Connect Edit View Collection Help

{} My Queries   Databases   mangodbtask1   products   ✕   +

dinesh-localhost > mangodbtask1 > products

{} My Queries

>_MONGOSH

```
> db.products .find({product_price: {$not: { $gte: 400, $lte: 600 }}});
< {
    _id: ObjectId('666db21b1f7edae3b105650d'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('666db21b1f7edae3b105650e'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
  {
    _id: ObjectId('666db21b1f7edae3b105650f'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
  {
    _id: ObjectId('666db21b1f7edae3b1056511')
```

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

6. Find the product with a row id of 10

Connect Edit View Collection Help

dinesh-loc... ···

{} My Queries   Databases   mangodbtask1   products × +

dinesh-localhost > mangodbtask1 > products

{} My Queries

>_MONGOSH

```
> db.products .find({id: '10'});
< {
    _id: ObjectId('666db21b1f7edae3b1056516'),
    id: '10',
    product_name: 'Generic Wooden Pizza',
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
  }
mangodbtask1 >
```

7. Find only the product name and product material

Connect Edit View Collection Help

dinesh-loc... ···

{} My Queries   Databases   mangodbtask1   products × +

dinesh-localhost > mangodbtask1 > products

{} My Queries

>_MONGOSH

```
> db.products .find({},{ product_name: 1, prodduct_material: 1 });
< {
    _id: ObjectId('666db21b1f7edae3b105650d'),
    product_name: 'Intelligent Fresh Chips'
  }
  {
    _id: ObjectId('666db21b1f7edae3b105650e'),
    product_name: 'Practical Fresh Sausages'
  }
  {
    _id: ObjectId('666db21b1f7edae3b105650f'),
    product_name: 'Refined Steel Car'
  }
  {
    _id: ObjectId('666db21b1f7edae3b1056510'),
    product_name: 'Gorgeous Plastic Pants'
  }
  {
    _id: ObjectId('666db21b1f7edae3b1056511'),
    product_name: 'Sleek Cotton Chair'
  }
  {
    _id: ObjectId('666db21b1f7edae3b1056512'),
    product_name: 'Awesome Wooden Towels'
  }
  {
    _id: ObjectId('666db21b1f7edae3b1056513')
```

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.product.find({product_color:"indigo",product_price:492.00});
```

10. Delete the products which product price value are same

Connect   Edit   View   Collection   Help

{} My Queries   Databases   mangodbtask1   **products**   ✕   +

dinesh-localhost > **mangodbtask1** > products

>_MONGOSH

```
> db.product.deleteOne({product_price:28})
< {
      acknowledged: true,
      deletedCount: 0
  }
mangodbtask1 >
```