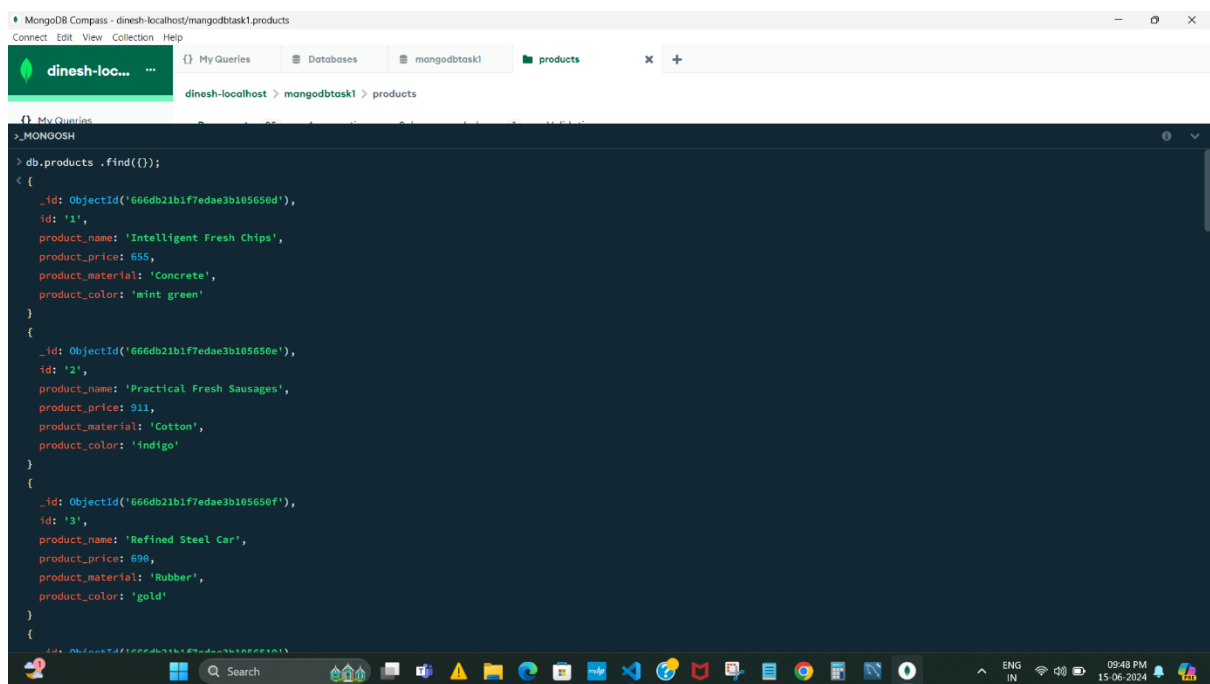


Mongodb task:1

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



The screenshot shows the MongoDB Compass interface. The top bar indicates the connection to 'dinesh-localhost' and the database 'mongodbtask1'. The 'products' collection is selected. The query editor shows the command `db.products.find({});`. The results pane displays three documents:

```
{
  "_id": ObjectId("666db21b1f7edae3b18565d"),
  "id": "1",
  "product_name": "Intelligent Fresh Chips",
  "product_price": 655,
  "product_material": "Concrete",
  "product_color": "mint green"
},
{
  "_id": ObjectId("666db21b1f7edae3b18565e"),
  "id": "2",
  "product_name": "Practical Fresh Sausages",
  "product_price": 911,
  "product_material": "Cotton",
  "product_color": "indigo"
},
{
  "_id": ObjectId("666db21b1f7edae3b18565f"),
  "id": "3",
  "product_name": "Refined Steel Car",
  "product_price": 698,
  "product_material": "Rubber",
  "product_color": "gold"
}
```

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

MongoDB Compass - dinesh-localhost/mangodbtask1.products

Connect Edit View Collection Help

dinesh-loc... My Queries Databases mangodbtask1 products

dinesh-localhost > mangodbtask1 > products

```
>_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'
  }
]
```

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

MongoDB Compass - dinesh-localhost/mangodbtask1.products

Connect Edit View Collection Help

dinesh-loc... My Queries Databases mangodbtask1 products

dinesh-localhost > mangodbtask1 > products

```
>_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'
  }
]
```

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

MongoDB Compass - dinesh-localhost/mangodbtask1.products

Connect Edit View Collection Help

dinesh-loc... {} My Queries Databases mangodbtask1 products x +

dinesh-localhost > mangodbtask1 > products

```
> My Queries
> MONGODB
> db.products.find({}, { product_name: 1, product_material: 1 });
< {
  _id: ObjectId('666db21b1f7edae3b185650d'),
  product_name: 'Intelligent Fresh Chips',
  product_material: 'Concrete'
}
{
  _id: ObjectId('666db21b1f7edae3b185650e'),
  product_name: 'Practical Fresh Sausages',
  product_material: 'Cotton'
}
{
  _id: ObjectId('666db21b1f7edae3b185650f'),
  product_name: 'Refined Steel Car',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666db21b1f7edae3b1856510'),
  product_name: 'Gorgeous Plastic Pants',
  product_material: 'Soft'
}
{
  _id: ObjectId('666db21b1f7edae3b1856511'),
  product_name: 'Sleek Cotton Chair',
  product_material: 'Fresh'
}
}
```

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

MongoDB Compass - dinesh-localhost/mangodbtask1.products

Connect Edit View Collection Help

dinesh-loc... {} My Queries Databases mangodbtask1 products x +

dinesh-localhost > mangodbtask1 > products

```
> My Queries
> MONGODB
> db.products.find({}, { product_name: 1, product_material: 1 });
< {
  _id: ObjectId('666db21b1f7edae3b185650d'),
  product_name: 'Intelligent Fresh Chips',
  product_material: 'Concrete'
}
{
  _id: ObjectId('666db21b1f7edae3b185650e'),
  product_name: 'Practical Fresh Sausages',
  product_material: 'Cotton'
}
{
  _id: ObjectId('666db21b1f7edae3b185650f'),
  product_name: 'Refined Steel Car',
  product_material: 'Rubber'
}
{
  _id: ObjectId('666db21b1f7edae3b1856510'),
  product_name: 'Gorgeous Plastic Pants',
  product_material: 'Soft'
}
{
  _id: ObjectId('666db21b1f7edae3b1856511'),
  product_name: 'Sleek Cotton Chair',
  product_material: 'Fresh'
}
}
```

6. Find the product with a row id of 10

MongoDB Compass - dinesh-localhost/mangodbtask1.products

Connect Edit View Collection Help

dinesh-localhost > mangodbtask1 > products

```
> db.products.find({id: '10'});
{
  _id: ObjectId('666db21b1f7edae3b1856516'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'Indigo'
}
```

7. Find only the product name and product material

MongoDB Compass - dinesh-localhost/mangodbtask1.products

Connect Edit View Collection Help

dinesh-localhost > mangodbtask1 > products

```
> db.products.find({}, { product_name: 1, product_material: 1 });
{
  _id: ObjectId('666db21b1f7edae3b185650d'),
  product_name: 'Intelligent Fresh Chips'
}
{
  _id: ObjectId('666db21b1f7edae3b185650e'),
  product_name: 'Practical Fresh Sausages'
}
{
  _id: ObjectId('666db21b1f7edae3b185650f'),
  product_name: 'Refined Steel Car'
}
{
  _id: ObjectId('666db21b1f7edae3b1856510'),
  product_name: 'Gorgeous Plastic Pants'
}
{
  _id: ObjectId('666db21b1f7edae3b1856511'),
  product_name: 'Sleek Cotton Chair'
}
{
  _id: ObjectId('666db21b1f7edae3b1856512'),
  product_name: 'Awesome Wooden Towels'
}
```

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

```
MongoDB Compass - dinesh-localhost/mangodbtask1.products
Connect Edit View Collection Help

dinesh-loc... {} My Queries Databases mangodbtask1 products x +
dinesh-localhost > mangodbtask1 > products

My Queries
>_MONGOSH
> db.products.find({product_material: 'Soft'});
<
[
  {
    _id: ObjectId('666db21b1f7edae3b1856510'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId('666db21b1f7edae3b1856515'),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
  },
  {
    _id: ObjectId('666db21b1f7edae3b1856517'),
    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

```
MongoDB Compass - dinesh-localhost/mangodbtask1.products
Connect Edit View Collection Help

dinesh-loc... {} My Queries Databases mangodbtask1 products x +
dinesh-localhost > mangodbtask1 > products

My Queries
>_MONGOSH
> db.product.find({product_color:"indigo",product_price:492.00});
mangodbtask1>
```

10. Delete the products which product price value are same

