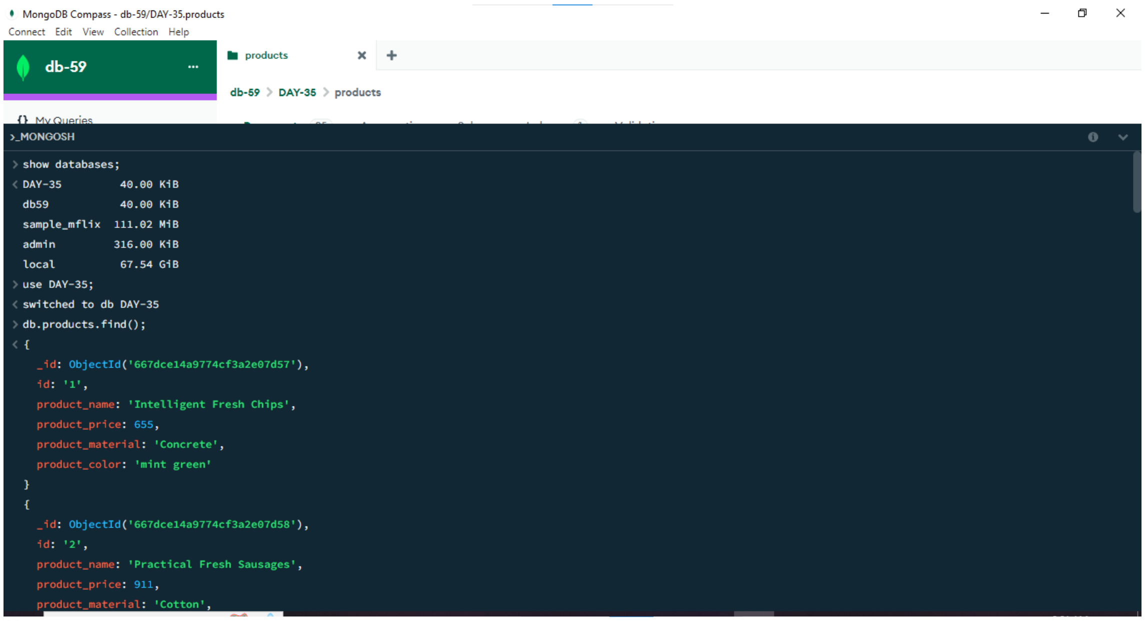
GUVI TASK DAY-35 MONGODB TASK

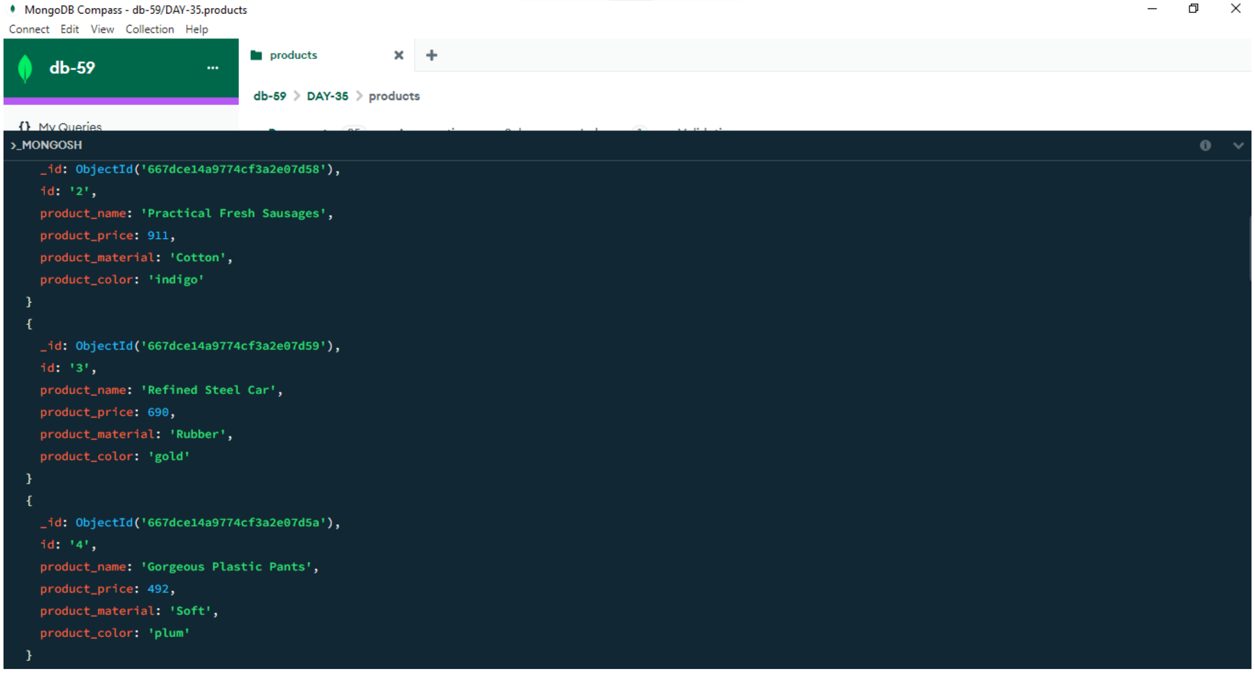
For the following question write the corresponding MongoDB queries

1. Find all the information about each products

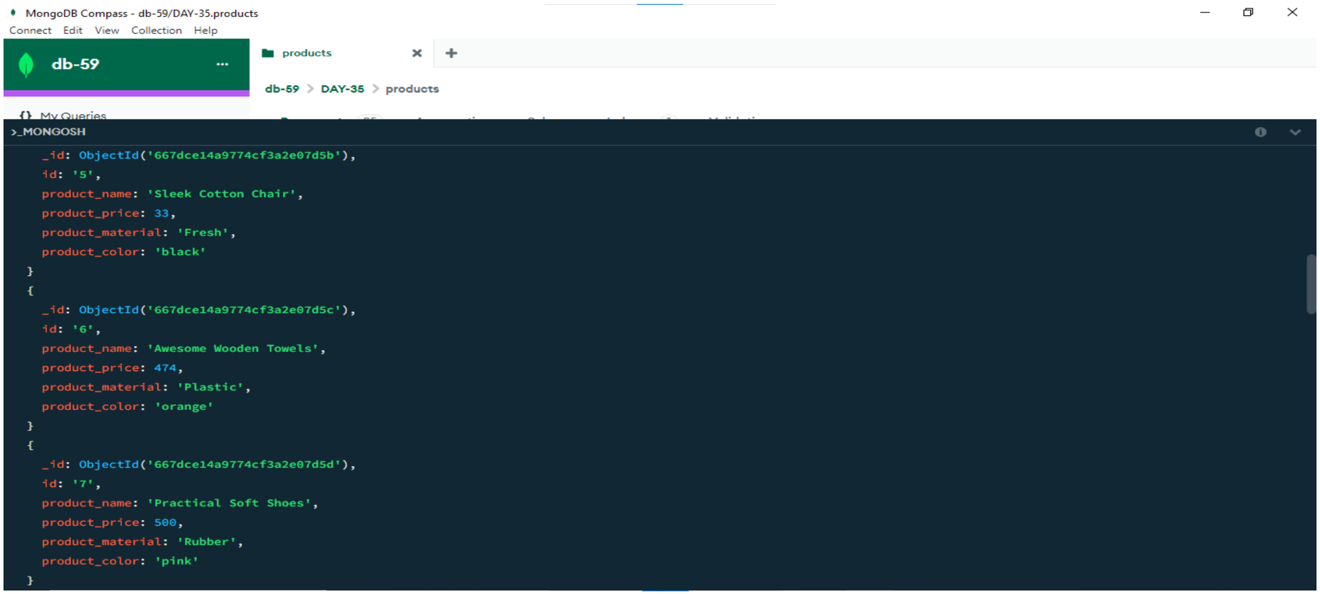
db.product.find();


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

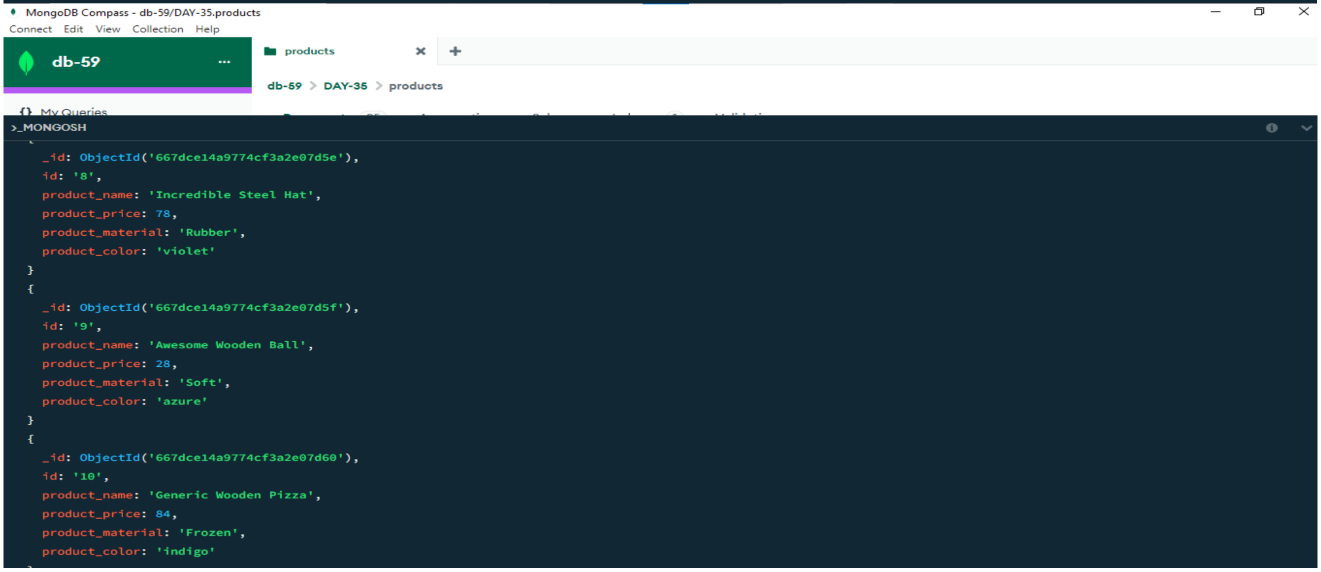
```
> show databases;
< DAY-35          40.00 KiB
  db59            40.00 KiB
  sample_mflix   111.02 MiB
  admin          316.00 KiB
  local           67.54 GiB
> use DAY-35;
< switched to db DAY-35
> db.products.find();
< {
    _id: ObjectId('667dce14a9774cf3a2e07d57'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d58'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

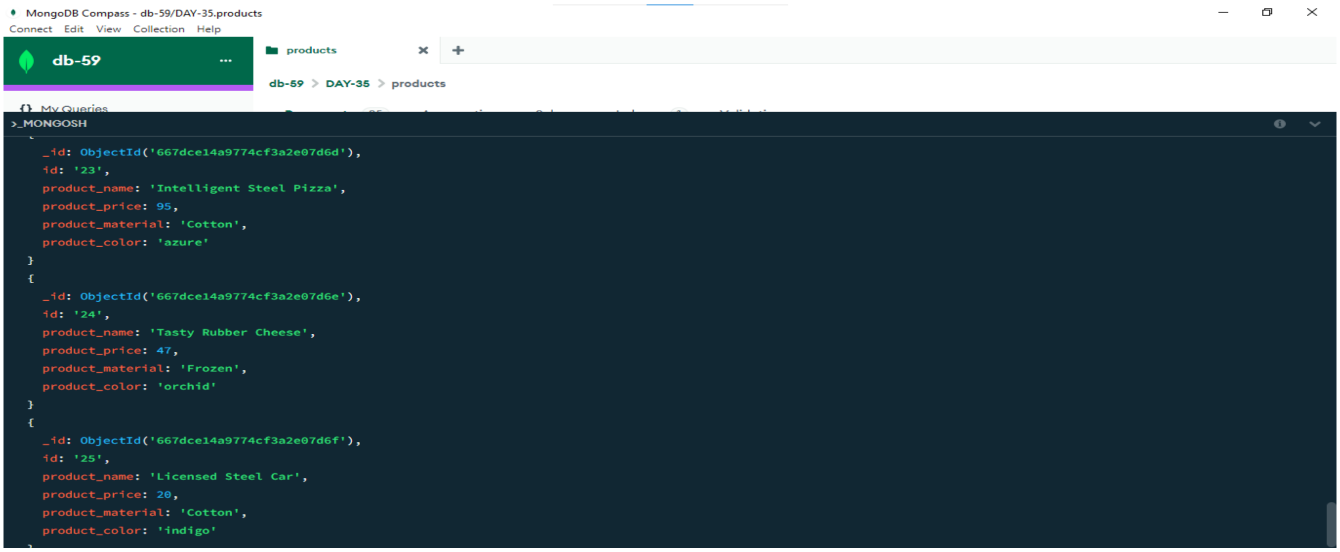
```
    _id: ObjectId('667dce14a9774cf3a2e07d58'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d59'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5a'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  }
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
My Queries
>_MONGOSH

```
    _id: ObjectId('667dce14a9774cf3a2e07d5b'),
    id: '5',
    product_name: 'Sleek Cotton Chair',
    product_price: 33,
    product_material: 'Fresh',
    product_color: 'black'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5c'),
    id: '6',
    product_name: 'Awesome Wooden Towels',
    product_price: 474,
    product_material: 'Plastic',
    product_color: 'orange'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5d'),
    id: '7',
    product_name: 'Practical Soft Shoes',
    product_price: 500,
    product_material: 'Rubber',
    product_color: 'pink'
  }
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
My Queries
>_MONGOSH

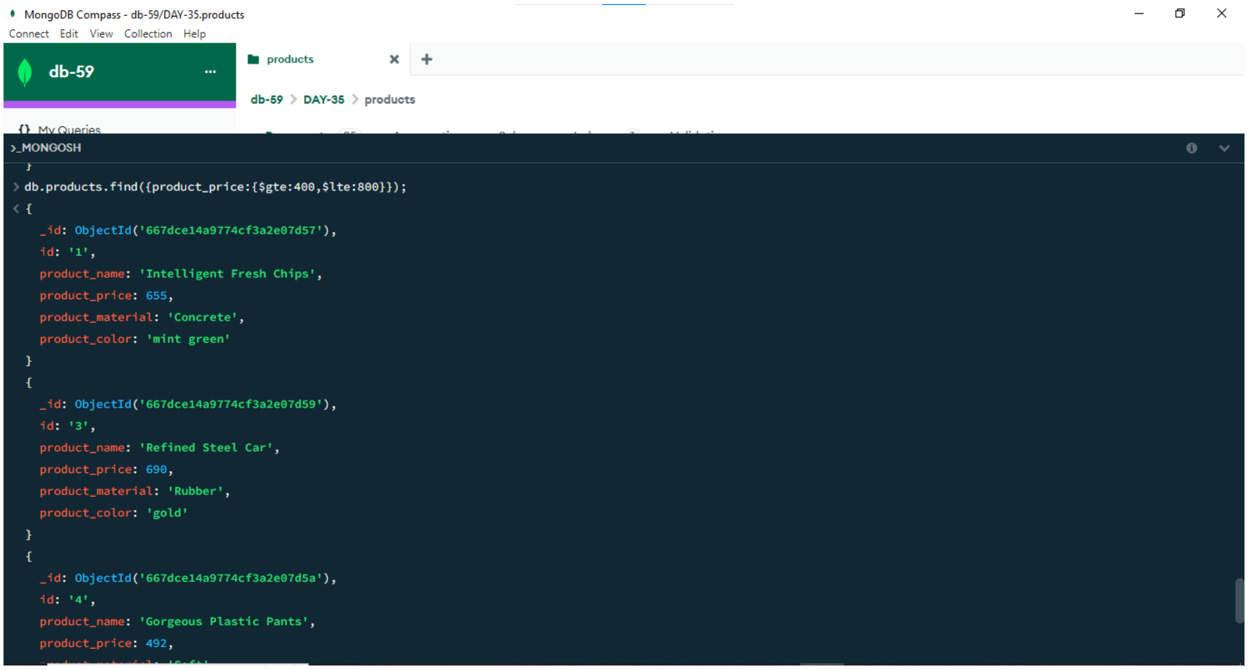
```
    _id: ObjectId('667dce14a9774cf3a2e07d5e'),
    id: '8',
    product_name: 'Incredible Steel Hat',
    product_price: 78,
    product_material: 'Rubber',
    product_color: 'violet'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5f'),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d60'),
    id: '10',
    product_name: 'Generic Wooden Pizza',
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
My Queries
>_MONGOSH

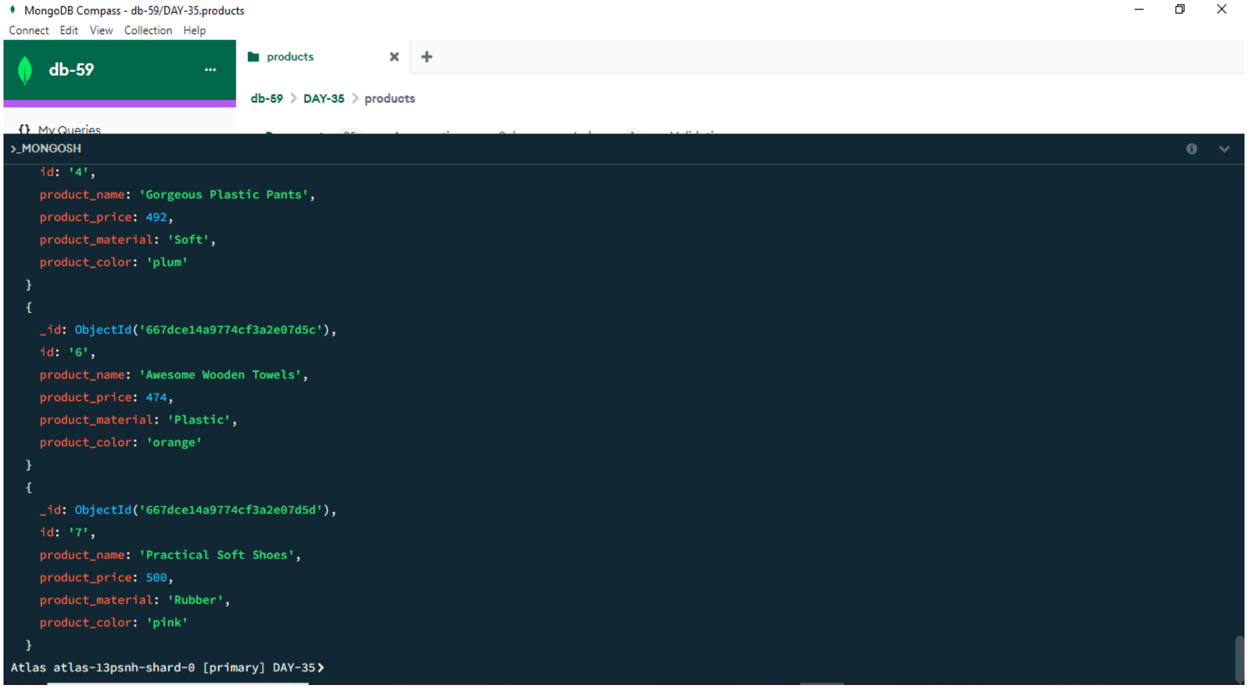
```
    _id: ObjectId('667dce14a9774cf3a2e07d6d'),
    id: '23',
    product_name: 'Intelligent Steel Pizza',
    product_price: 95,
    product_material: 'Cotton',
    product_color: 'azure'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6e'),
    id: '24',
    product_name: 'Tasty Rubber Cheese',
    product_price: 47,
    product_material: 'Frozen',
    product_color: 'orchid'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6f'),
    id: '25',
    product_name: 'Licensed Steel Car',
    product_price: 20,
    product_material: 'Cotton',
    product_color: 'indigo'
```

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

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


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

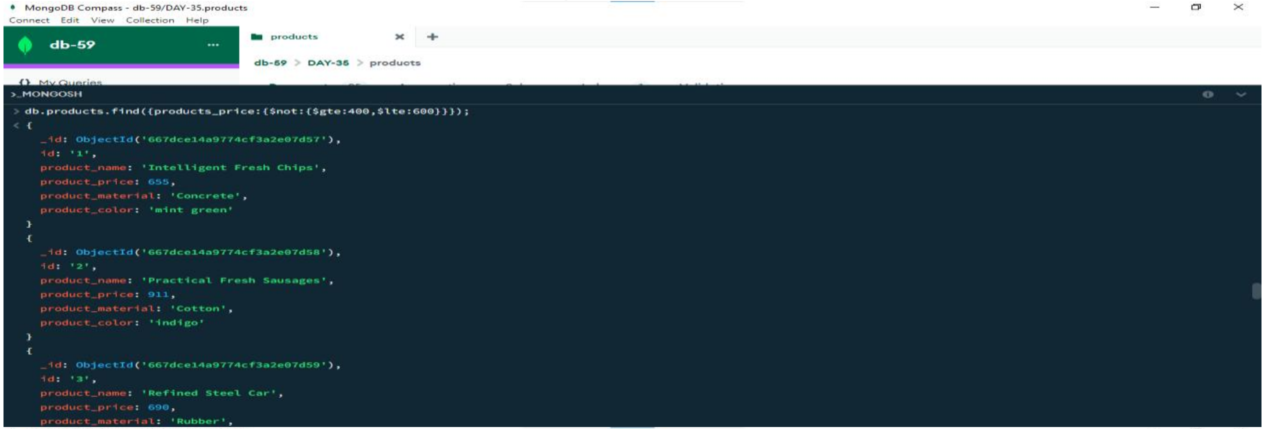
```
  }
> db.products.find({product_price:{$gte:400,$lte:800}});
< {
    _id: ObjectId('667dce14a9774cf3a2e07d57'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d59'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5a'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

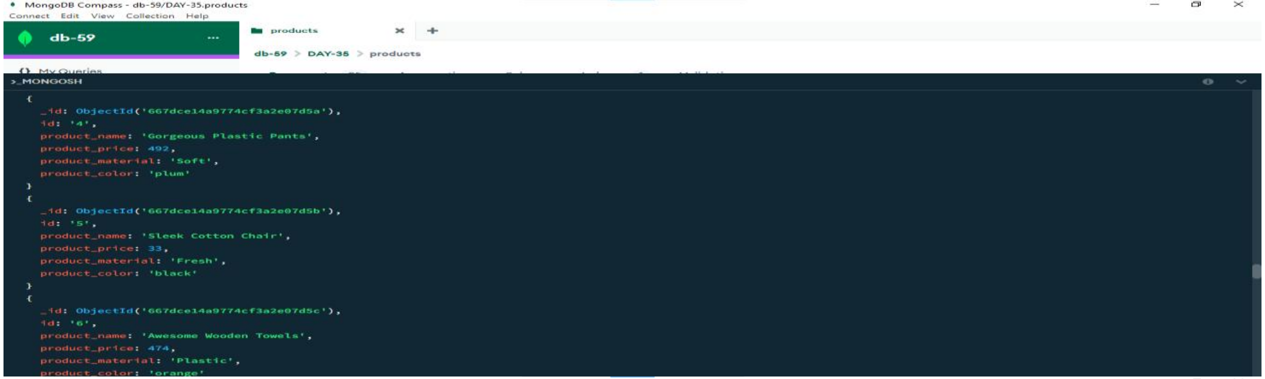
```
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5c'),
    id: '6',
    product_name: 'Awesome Wooden Towels',
    product_price: 474,
    product_material: 'Plastic',
    product_color: 'orange'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5d'),
    id: '7',
    product_name: 'Practical Soft Shoes',
    product_price: 500,
    product_material: 'Rubber',
    product_color: 'pink'
  }
Atlas atlas-13psnh-shard-0 [primary] DAY-35>
```

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

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


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
My Queries
>_MONGOSH

```
> db.products.find({products_price:{$not:{$gte:400,$lte:600}}});
< {
    _id: ObjectId('667dce14a9774cf3a2e07d57'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d58'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d59'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
```


MongoDB Compass - db-59/DAY-35.products
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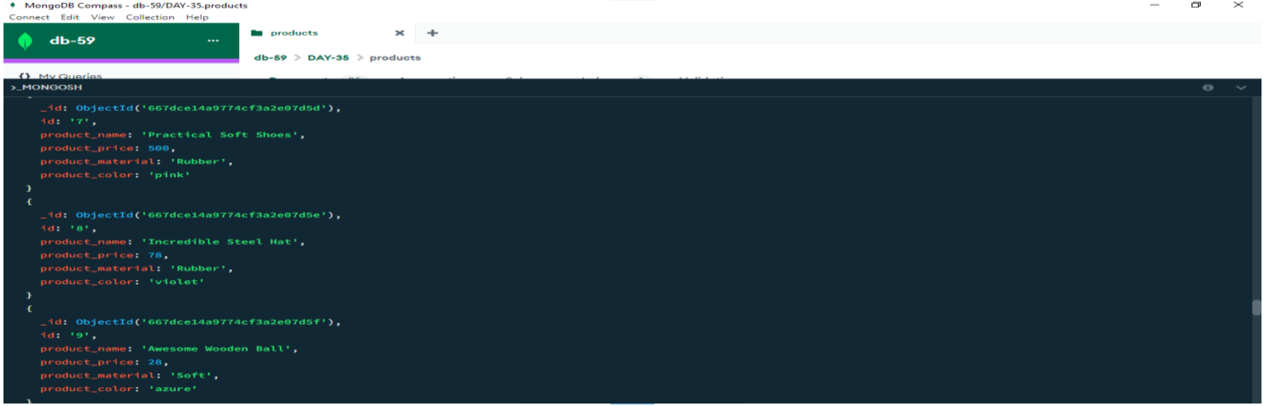
```
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5a'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5b'),
    id: '5',
    product_name: 'Sleek Cotton Chair',
    product_price: 33,
    product_material: 'Fresh',
    product_color: 'black'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5c'),
    id: '6',
    product_name: 'Awesome Wooden Towels',
    product_price: 474,
    product_material: 'Plastic',
    product_color: 'orange'
```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products
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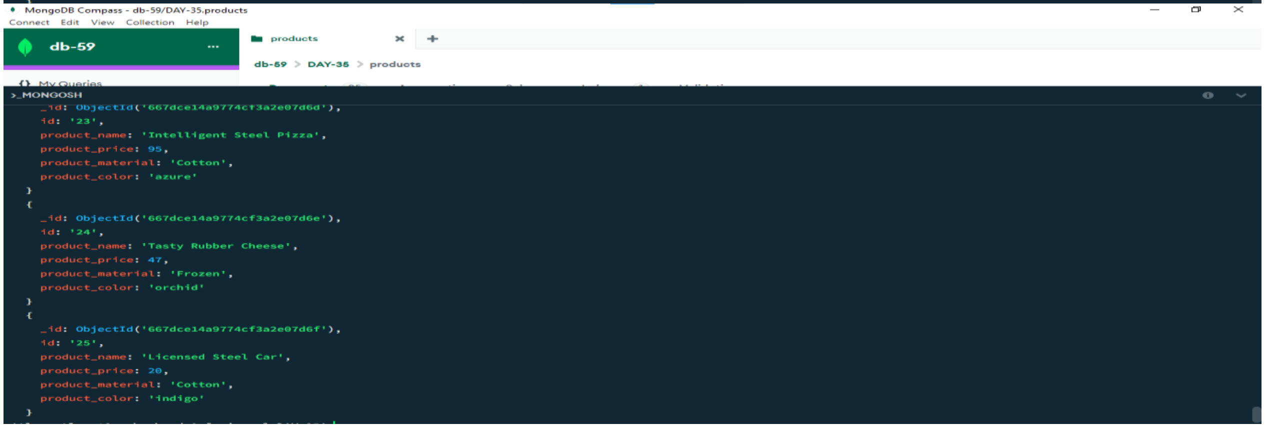
```
    _id: ObjectId('667dce14a9774cf3a2e07d5d'),
    id: '7',
    product_name: 'Practical Soft Shoes',
    product_price: 500,
    product_material: 'Rubber',
    product_color: 'pink'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5e'),
    id: '8',
    product_name: 'Incredible Steel Hat',
    product_price: 78,
    product_material: 'Rubber',
    product_color: 'violet'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5f'),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
```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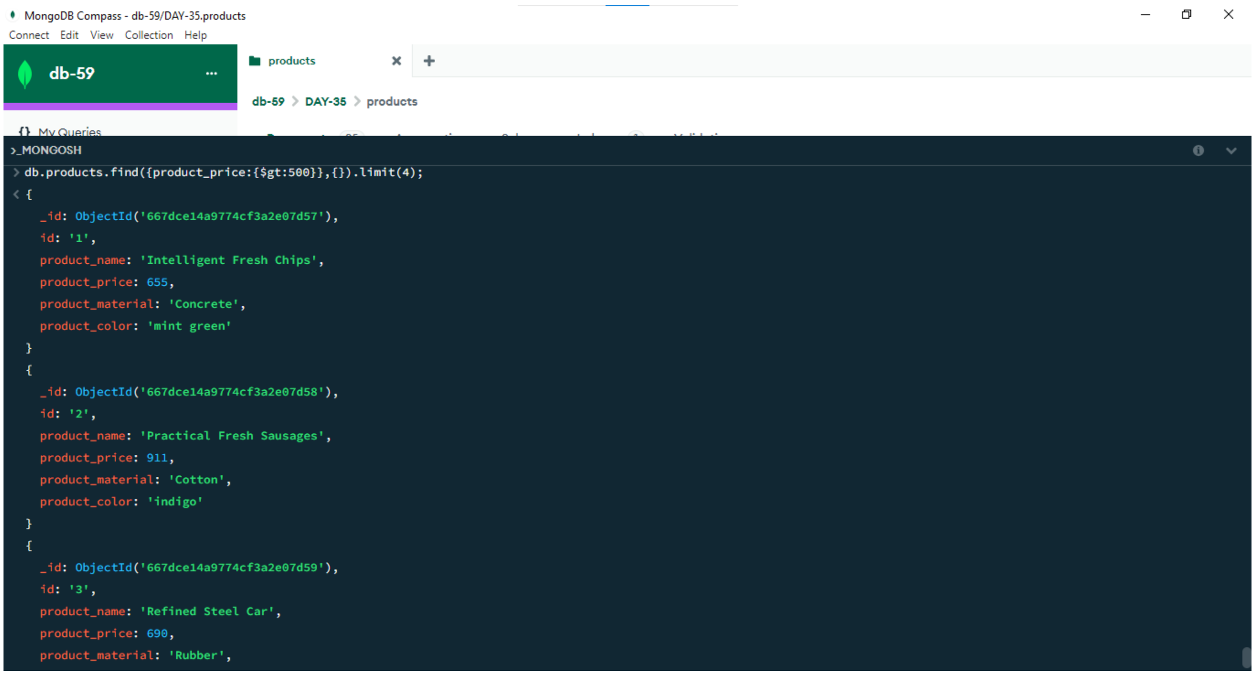
```
    _id: ObjectId('667dce14a9774cf3a2e07d6d'),
    id: '23',
    product_name: 'Intelligent Steel Pizza',
    product_price: 95,
    product_material: 'Cotton',
    product_color: 'azure'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6e'),
    id: '24',
    product_name: 'Tasty Rubber Cheese',
    product_price: 47,
    product_material: 'Frozen',
    product_color: 'orchid'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6f'),
    id: '25',
    product_name: 'Licensed Steel Car',
    product_price: 20,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
```

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

db.products.find({product_price:{$gt:500}},{}).limit(4)



MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
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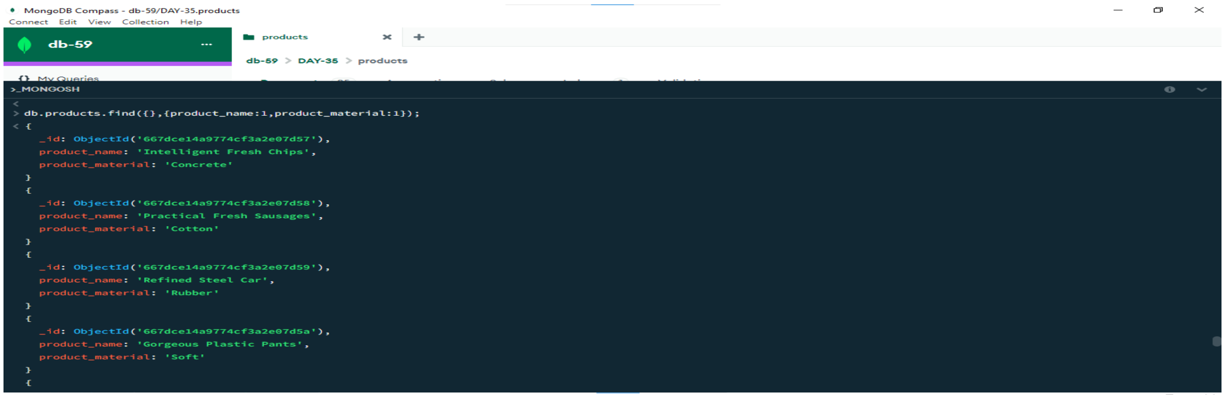
{} My Queries
>_MONGOSH

```
> db.products.find({product_price:{$gt:500}},{}).limit(4);
< {
    _id: ObjectId('667dce14a9774cf3a2e07d57'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d58'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d59'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
```

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

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


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
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products
db-59 > DAY-35 > products
{} My Queries
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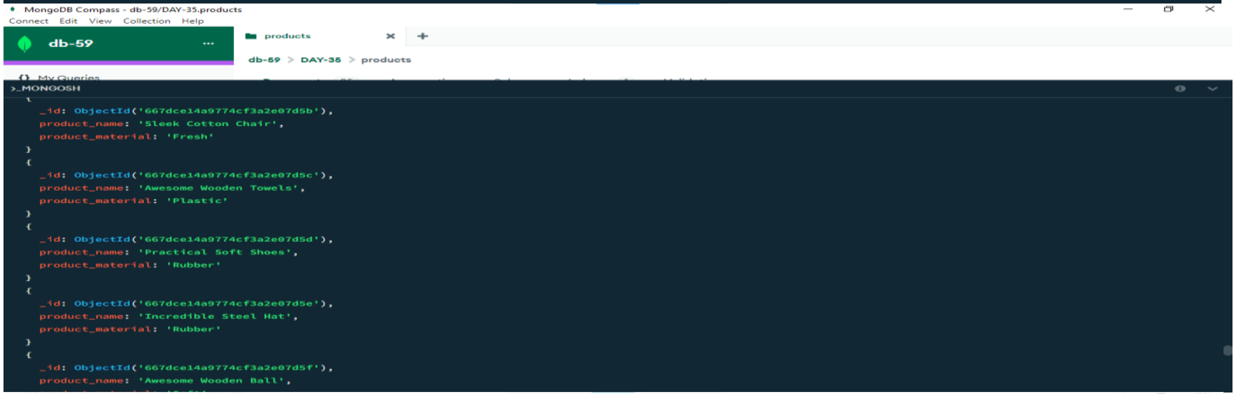
```
<
> db.products.find({},{product_name:1,product_material:1});
< {
    _id: ObjectId('667dce14a9774cf3a2e07d57'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d58'),
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d59'),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5a'),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  }
  {
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
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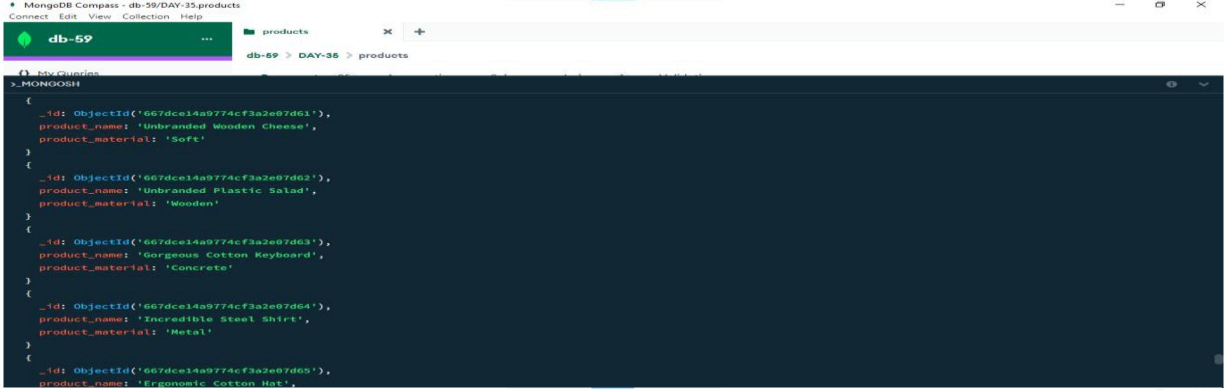
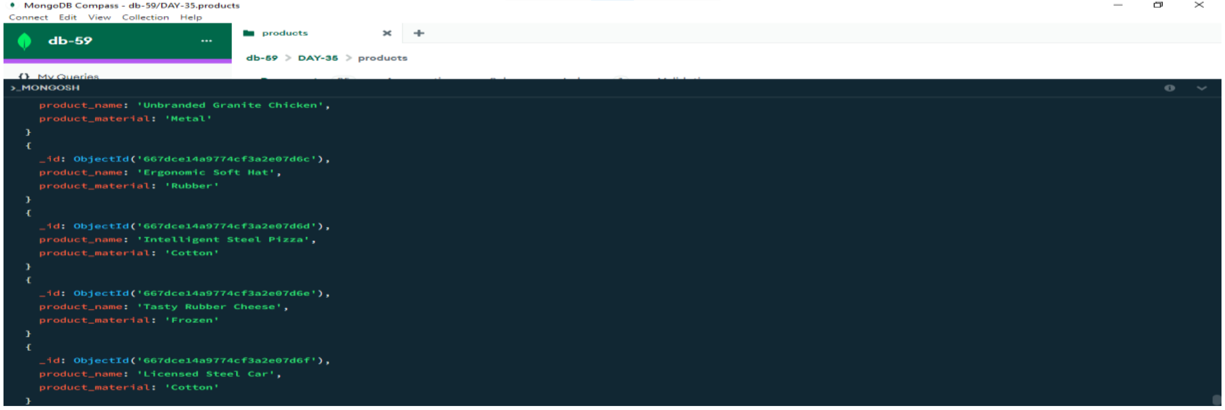
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

```
    _id: ObjectId('667dce14a9774cf3a2e07d5b'),
    product_name: 'Sleek Cotton Chair',
    product_material: 'Fresh'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5c'),
    product_name: 'Awesome Wooden Towels',
    product_material: 'Plastic'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5d'),
    product_name: 'Practical Soft Shoes',
    product_material: 'Rubber'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5e'),
    product_name: 'Incredible Steel Hat',
    product_material: 'Rubber'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5f'),
    product_name: 'Awesome Wooden Ball',
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

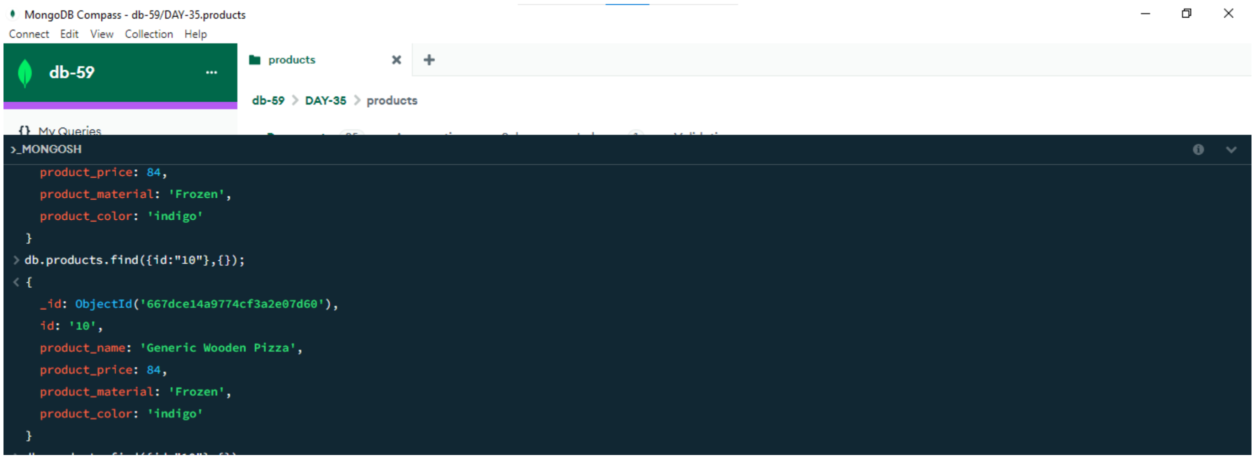
```
  {
    _id: ObjectId('667dce14a9774cf3a2e07d61'),
    product_name: 'Unbranded Wooden Cheese',
    product_material: 'Soft'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d62'),
    product_name: 'Unbranded Plastic Salad',
    product_material: 'Wooden'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d63'),
    product_name: 'Gorgeous Cotton Keyboard',
    product_material: 'Concrete'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d64'),
    product_name: 'Incredible Steel Shirt',
    product_material: 'Metal'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d65'),
    product_name: 'Ergonomic Cotton Hat',
```


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

```
    product_name: 'Unbranded Granite Chicken',
    product_material: 'Metal'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6c'),
    product_name: 'Ergonomic Soft Hat',
    product_material: 'Rubber'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6d'),
    product_name: 'Intelligent Steel Pizza',
    product_material: 'Cotton'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6e'),
    product_name: 'Tasty Rubber Cheese',
    product_material: 'Frozen'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d6f'),
    product_name: 'Licensed Steel Car',
    product_material: 'Cotton'
  }
```

6. Find the product with a row id of 10.

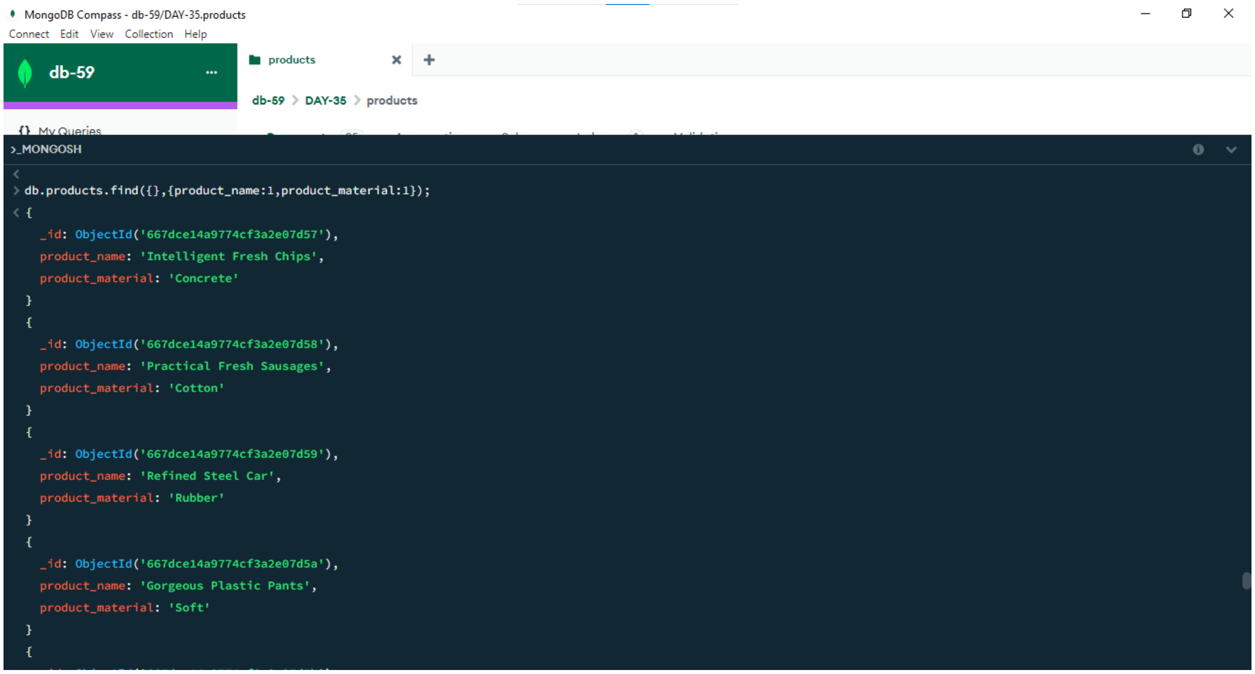
db.products.find({id:"10"},{})


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
My Queries
>_MONGOSH

```
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
  }
> db.products.find({id:"10"},{});
< {
    _id: ObjectId('667dce14a9774cf3a2e07d60'),
    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.

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


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
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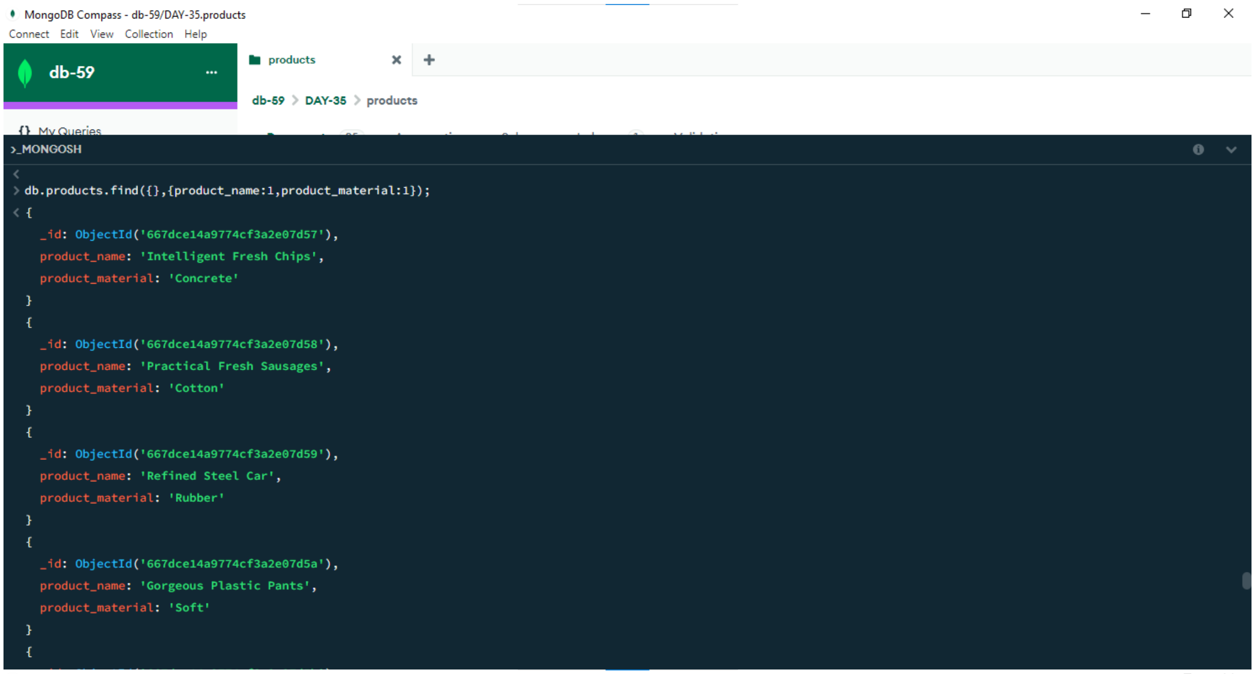
```
<
> db.products.find({},{product_name:1,product_material:1});
< {
    _id: ObjectId('667dce14a9774cf3a2e07d57'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d58'),
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d59'),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5a'),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  }
  {
```

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

db.products.find({product_material:"Soft"})



MongoDB Compass - db-59/DAY-35.products
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products
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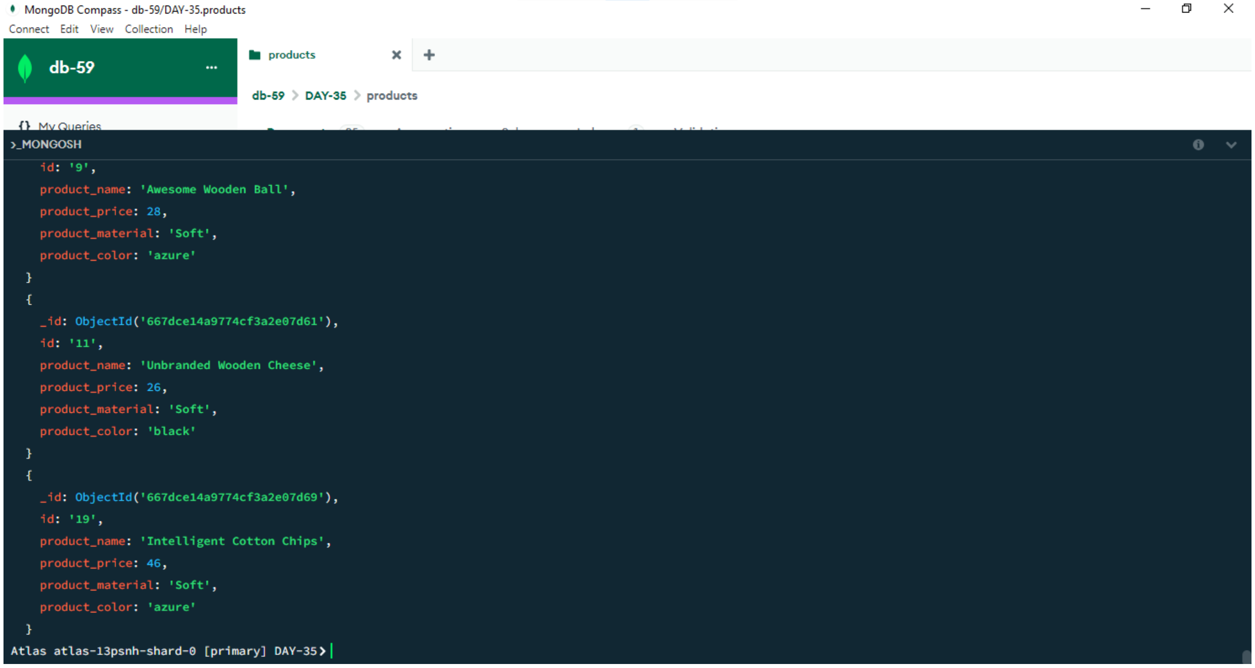
>_MONGOSH

```
<
> db.products.find({},{product_name:1,product_material:1});
< {
    _id: ObjectId('667dce14a9774cf3a2e07d57'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d58'),
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d59'),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d5a'),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  }
  {
```

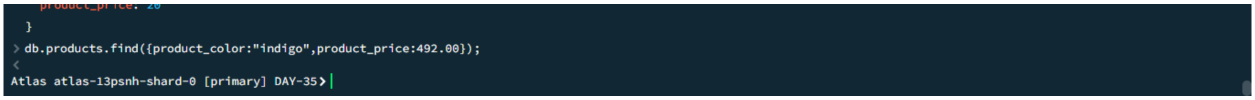


MongoDB Compass - db-59/DAY-35.products
Connect Edit View Collection Help
db-59
products
db-59 > DAY-35 > products
{} My Queries
>_MONGOSH

```
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d61'),
    id: '11',
    product_name: 'Unbranded Wooden Cheese',
    product_price: 26,
    product_material: 'Soft',
    product_color: 'black'
  }
  {
    _id: ObjectId('667dce14a9774cf3a2e07d69'),
    id: '19',
    product_name: 'Intelligent Cotton Chips',
    product_price: 46,
    product_material: 'Soft',
    product_color: 'azure'
  }
Atlas atlas-13psnh-shard-0 [primary] DAY-35>
```

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

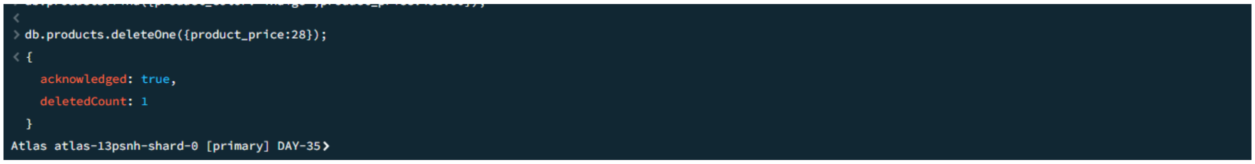
db.products.find({product_color:"indigo",product_price:492.00})



```
    product_price: 28
  }
> db.products.find({product_color:"indigo",product_price:492.00});
<
Atlas atlas-13psnh-shard-0 [primary] DAY-35>
```

10. Delete the products which product price value are 28.

db.products.deleteOne({product_price:28})



```
<
> db.products.deleteOne({product_price:28});
< {
    acknowledged: true,
    deletedCount: 1
  }
Atlas atlas-13psnh-shard-0 [primary] DAY-35>
```