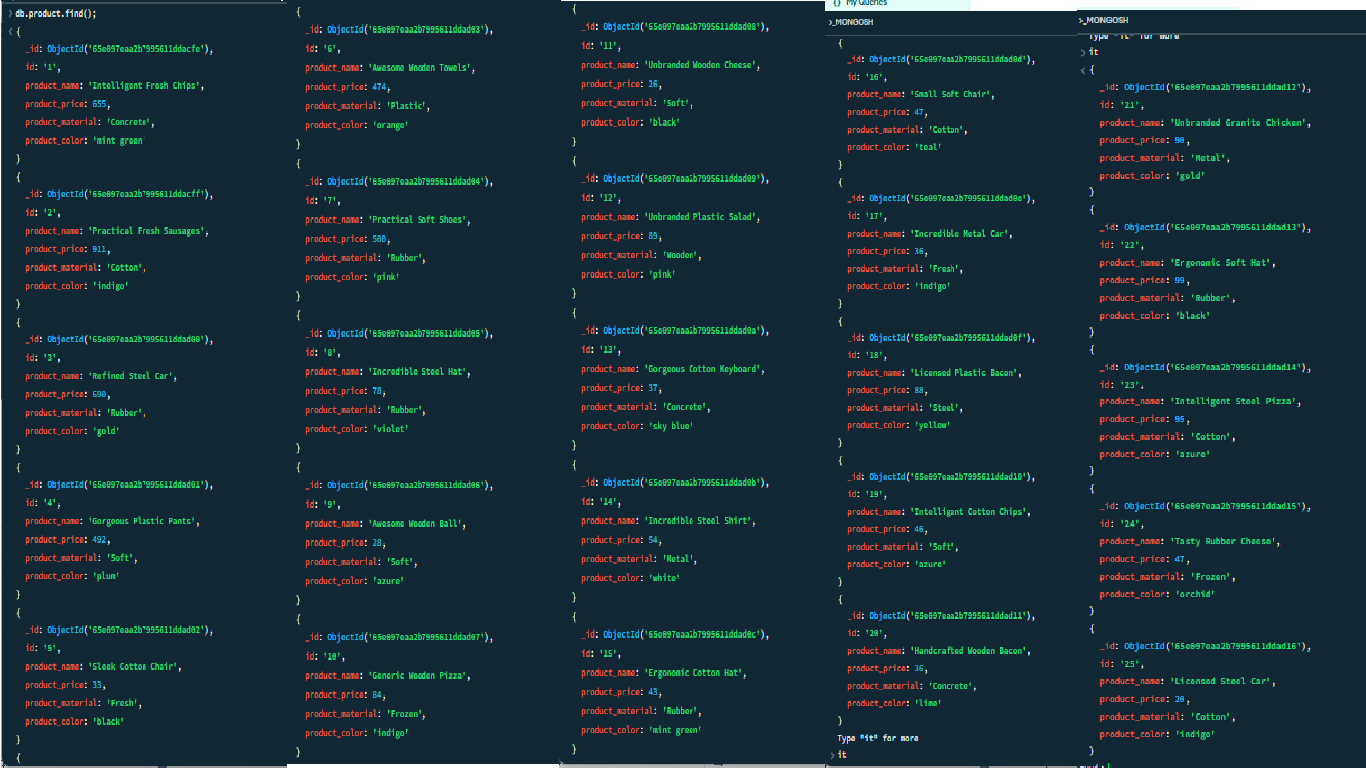
**Road-Map Day-35\_Database: Day-3-MongoDB Tasks**

1. Find all the information about each product?

Answer:

**db.product.find();**

**Screenshot**:

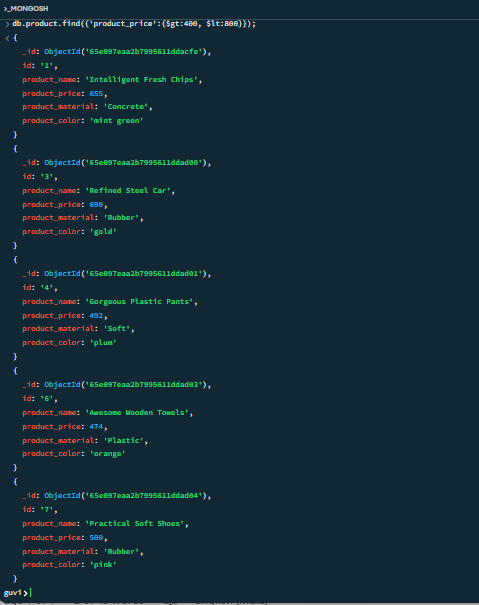


1. Find the product price which are between 400 to 800?

Answer:

**db.product.find({‘product\_price’:{$gt:400, $lt:800}});**

**Screenshot**:

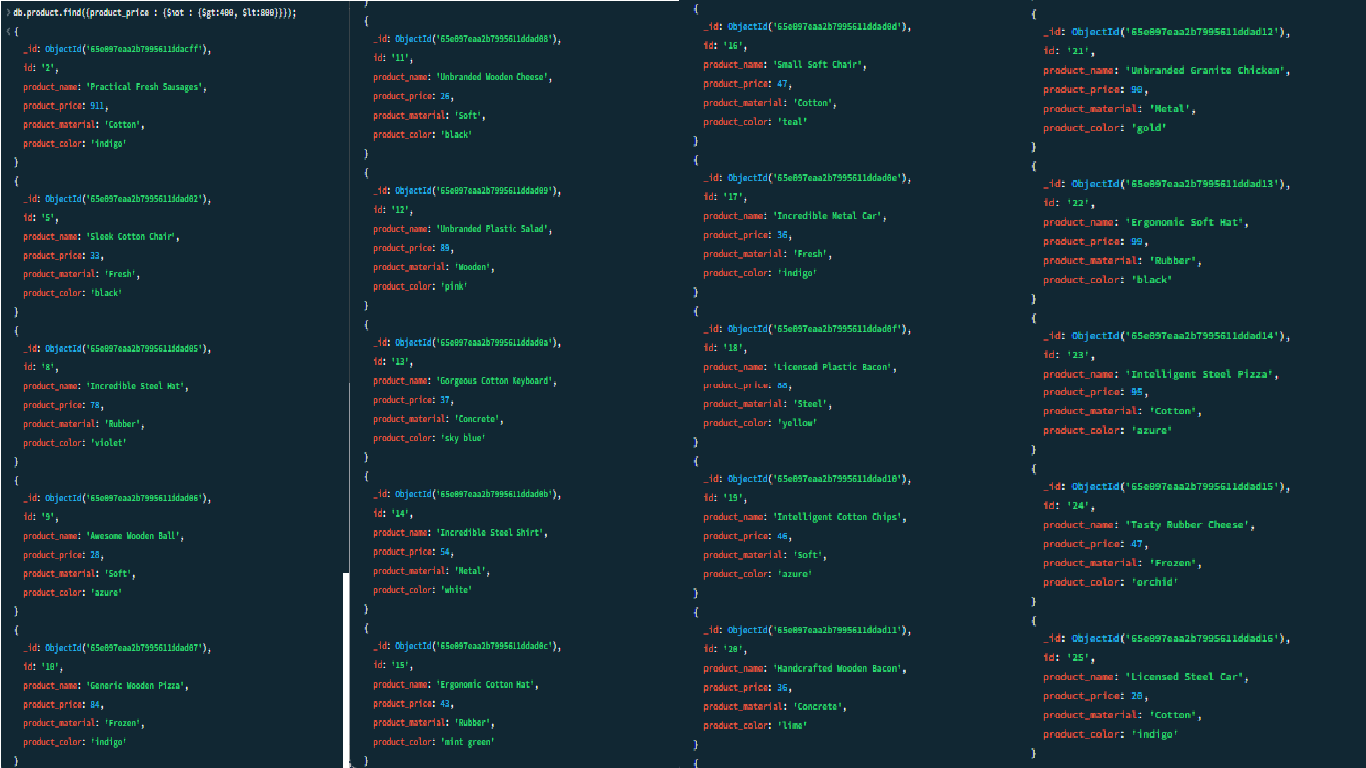


1. Find the product price which are not between 400 to 600?

Answer:

**db.product.find({$not : {$gt:400, $lt:800}});**

**Screenshot**:

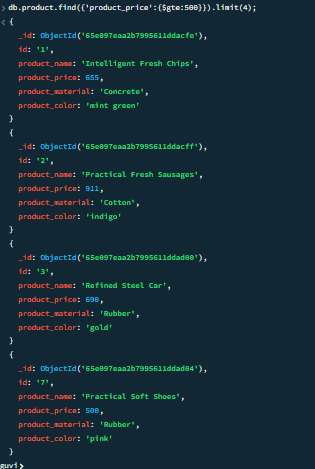


1. List the four product which are greater than 500 in price?

Answer:

**db.product.find({‘product\_price’ : {$gte:500}}).limit(4);**

**Screenshot**:

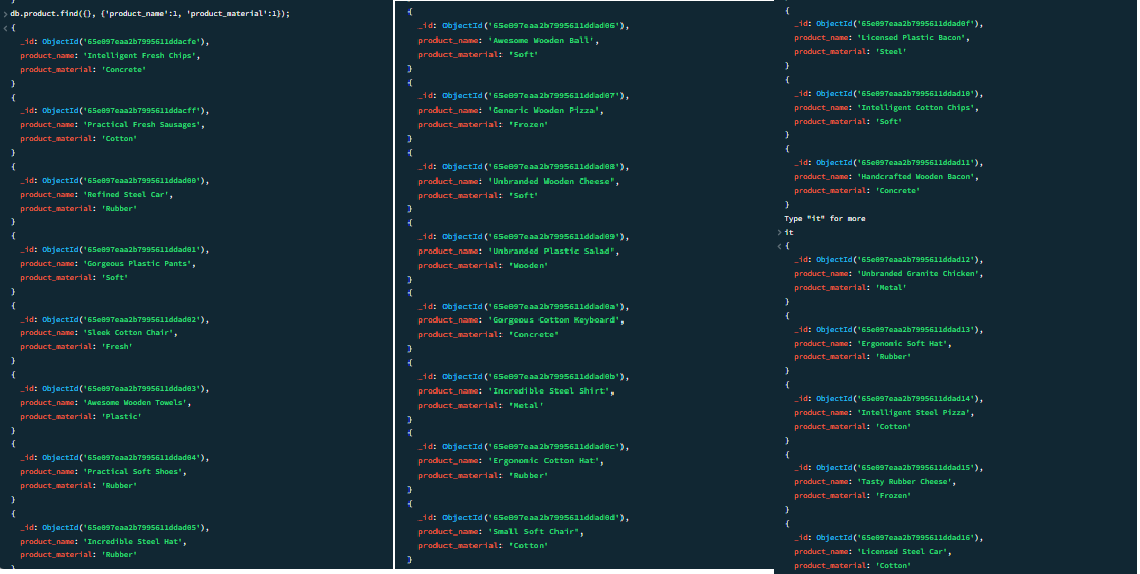


1. Find the product name and product material of each product?

Answer:

**db.product.find({}, {‘product\_name’ : 1, ‘product\_material’ : 1});**

**Screenshot**:



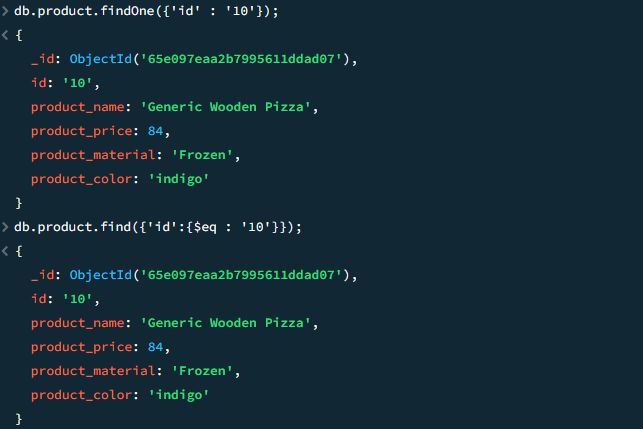
1. Find the product with a row id of 10?

Answer:

***Method-1* 🡪 db.product.findOne({‘id’ : ‘10’});**

***Method-2* 🡪 db.product.find({‘id’ : {$eq : ‘10’}});**

**Screenshot**:

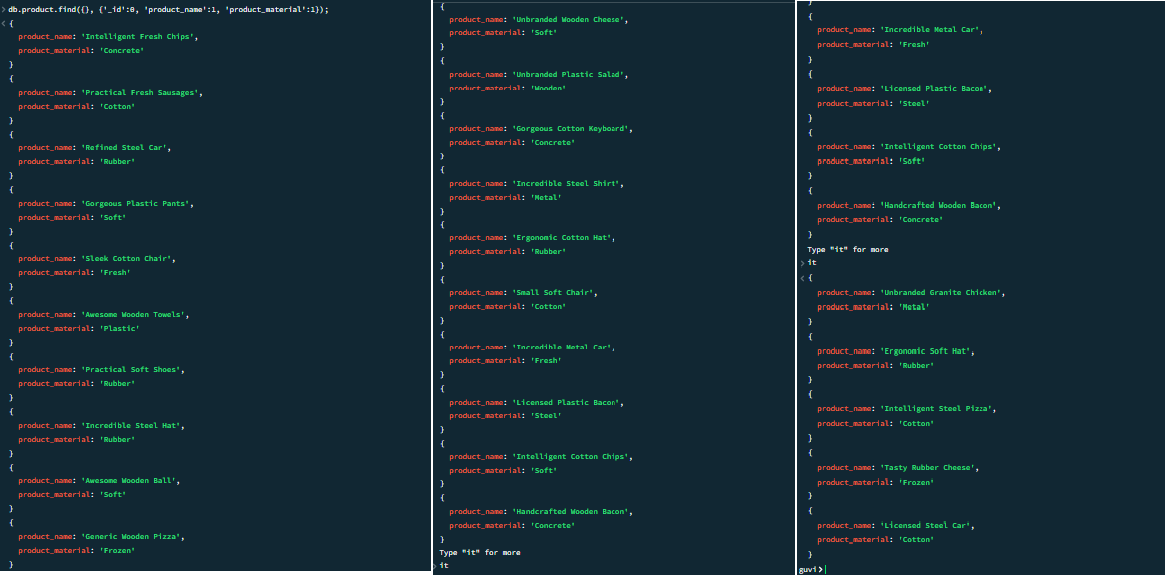


1. Find only the product name and product material?

Answer:

**db.product.find({}, {‘\_id’ : 0, ‘product\_name’ : 1, ‘product\_material’ : 1});**

**Screenshot**:



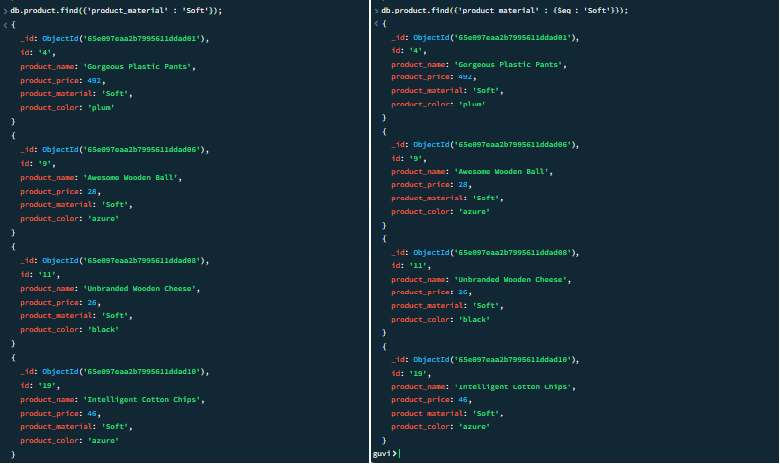
1. Find all products which contain the value of soft in product material?

Answer:

***Method-1* 🡪 db.product.find({‘product\_material’ : ‘Soft’});**

***Method-2* 🡪 db.product.find({‘product\_material’ : {$eq : ‘Soft’}});**

**Screenshot**:



1. Find products which contain product color indigo and product price 492.00?

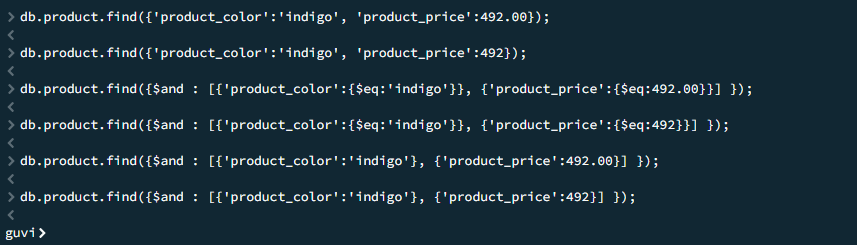
Answer:

***Method-1* 🡪 db.product.find({‘product\_color’ : ‘indigo’, ‘product\_price’ : 492.00});**

***Method-2* 🡪 db.product.find({$and : [{‘product\_color’ : ‘indigo’}, {‘product\_price’ : 492.00}] });**

***Method-3* 🡪 db.product.find({$and : [{‘product\_color’ : {$eq : ‘indigo’}}, {‘product\_price’ : {$eq : 492.00}}] });**

**Screenshot**:



1. Delete the products which product price value are same?

Answer:

***Method-1* 🡪**

**db.product.aggregate([**

**{ $group: { \_id: "$product\_price", count: { $sum: 1 },**

**docs: { $push: "$\_id" } } },**

**{$match: { count: { $gt: 1 } } }])**

**.forEach(function(doc) {**

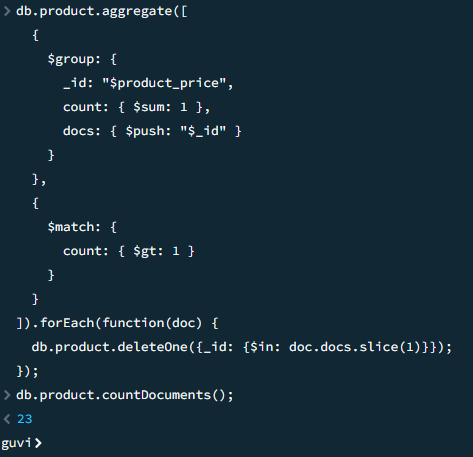
**db.product.deleteOne({\_id: {$in: doc.docs.slice(1)}});**

**});**

***Method-2* 🡪 db.product.deleteMany({$or : [{‘product\_price’ : {$eq : 47.00}}, {‘product\_price’ : {$eq : 36.00}}] });**

(I done deleteMany manually as per mongodb day-1 taught lessons)

**Screenshot**:



------------ End -----------