**MongoDB Day 1**

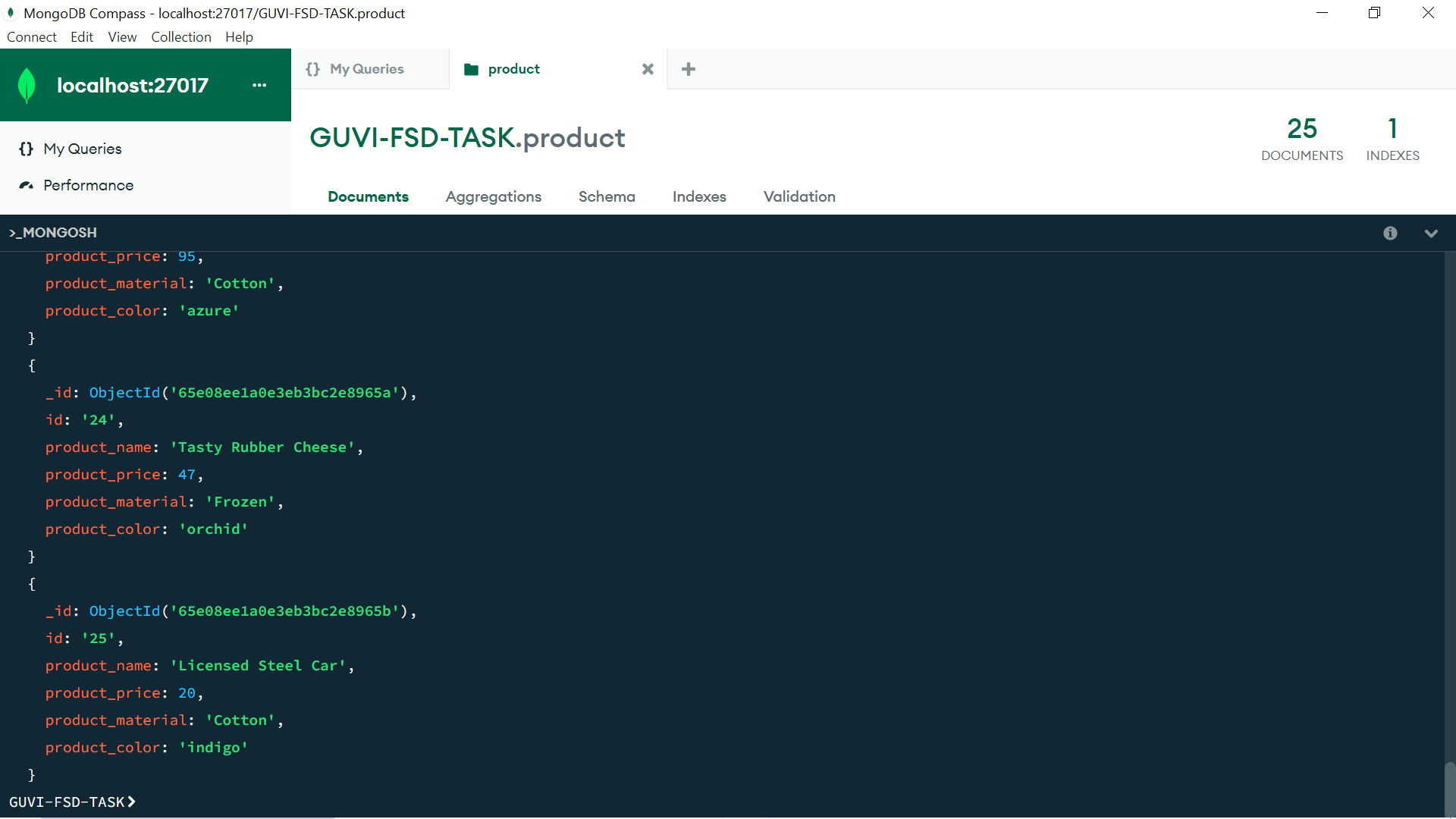
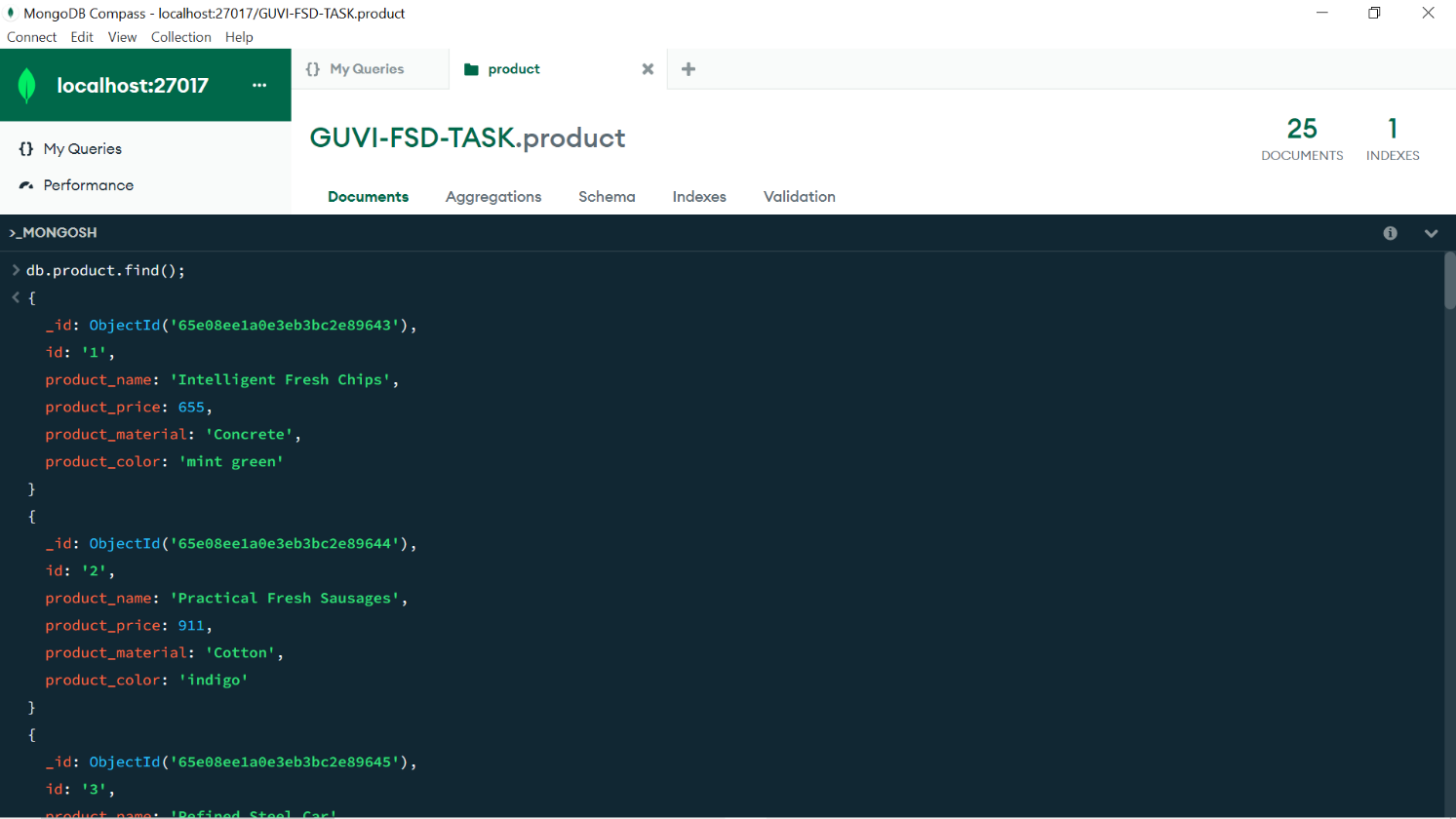
**Database Name: GUVI-FSD-TASK**

**Collection Name: product**

For the following question write the corresponding MongoDB queries

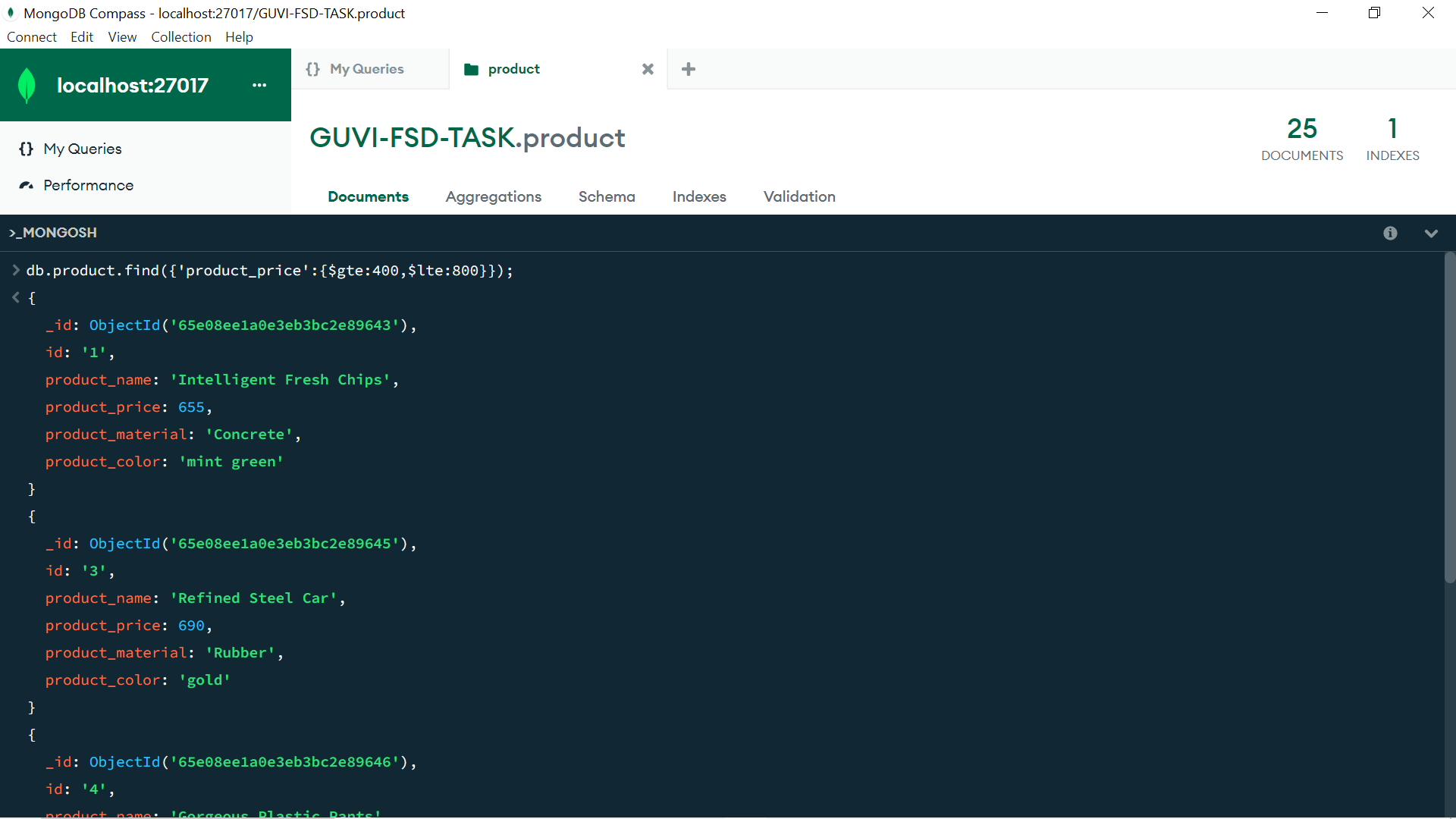
1. Find all the information about each products

Ans: db.product.find();



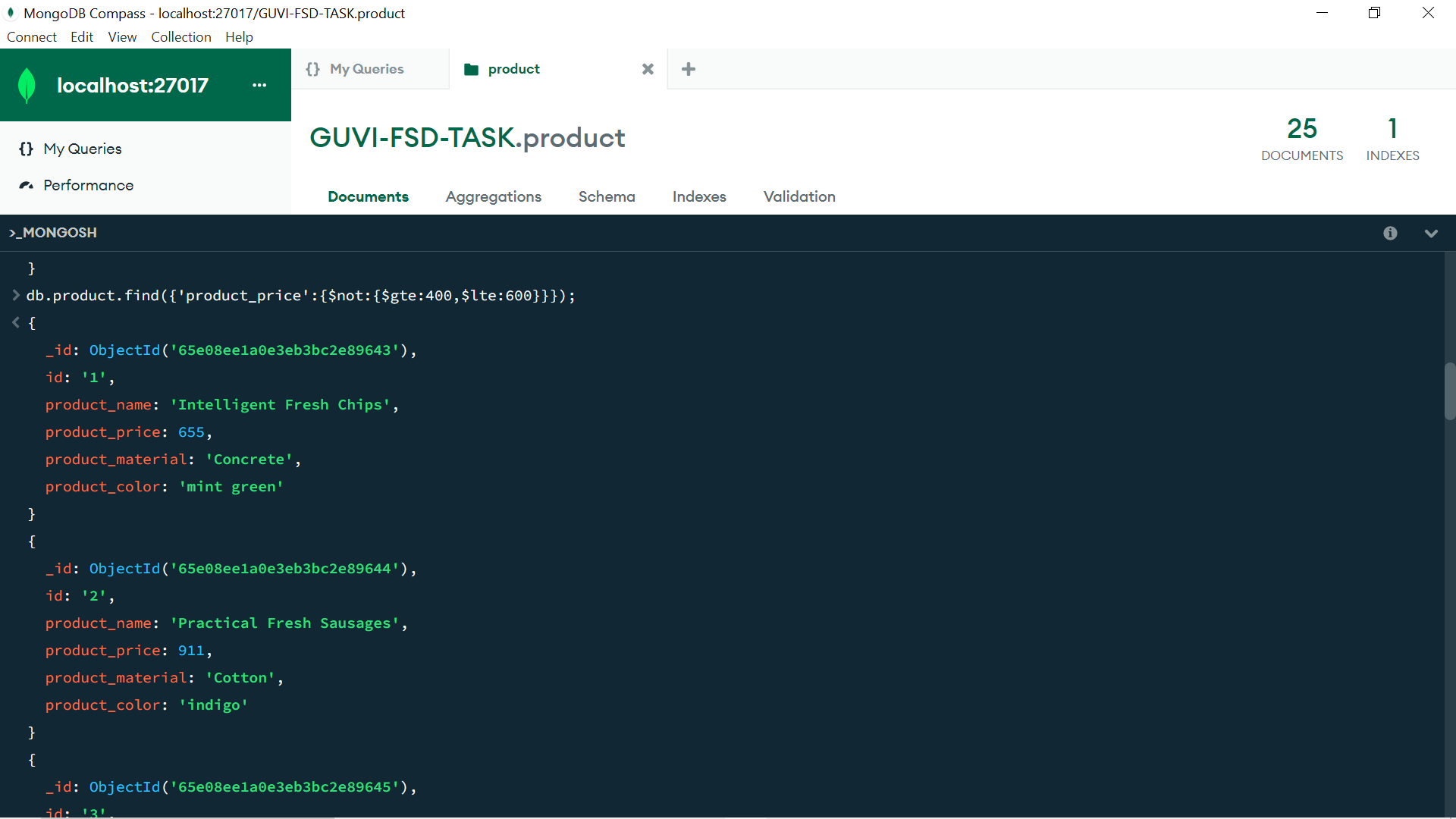
1. Find the product price which are between 400 to 800

Ans: db.product.find({‘product\_price’:{$gte:400,$lte:800}});



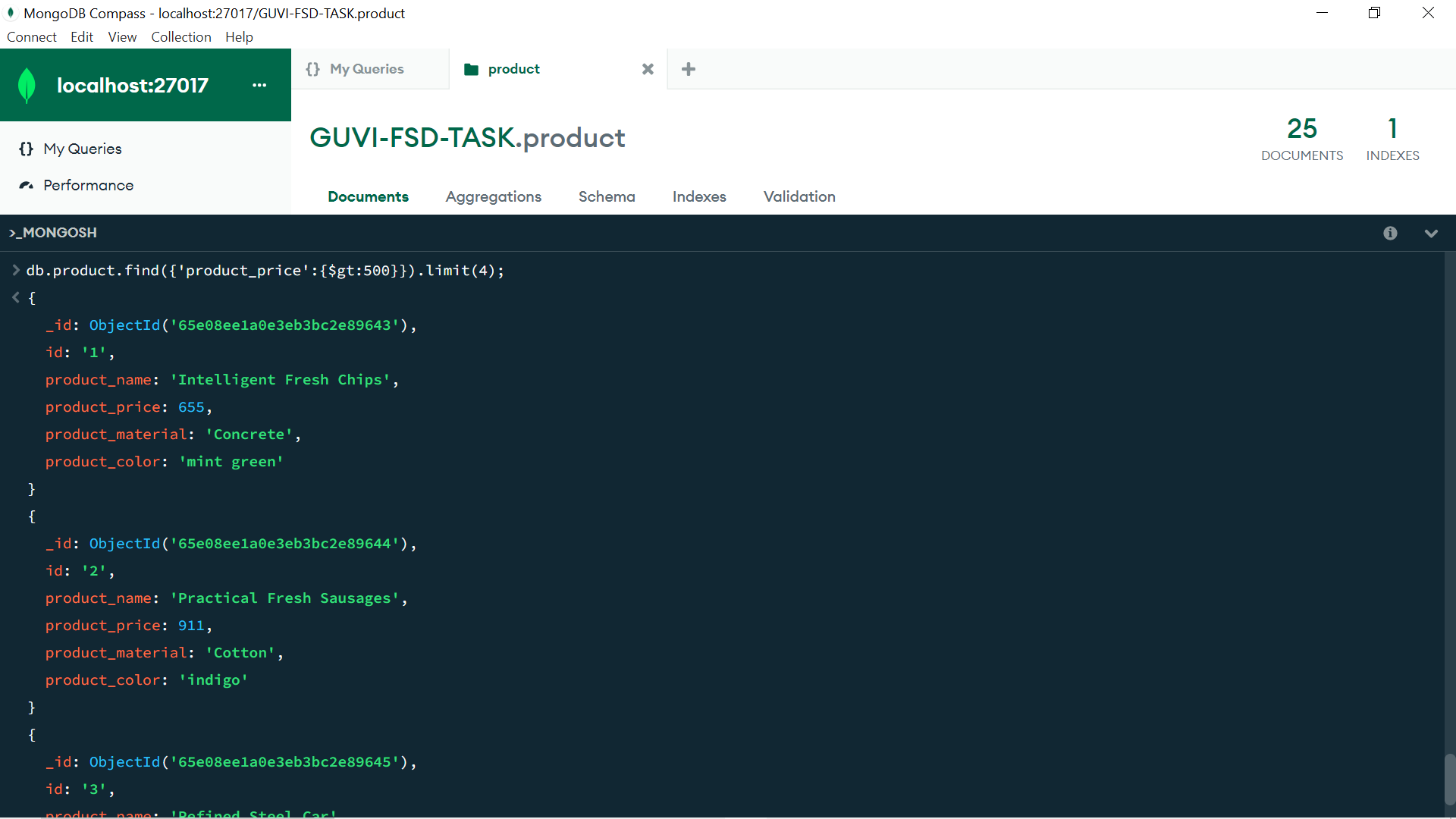
1. Find the product price which are not between 400 to 600

Ans: db.product.find({‘product\_price’:{$not:{$gte:400,$lte:600}}});



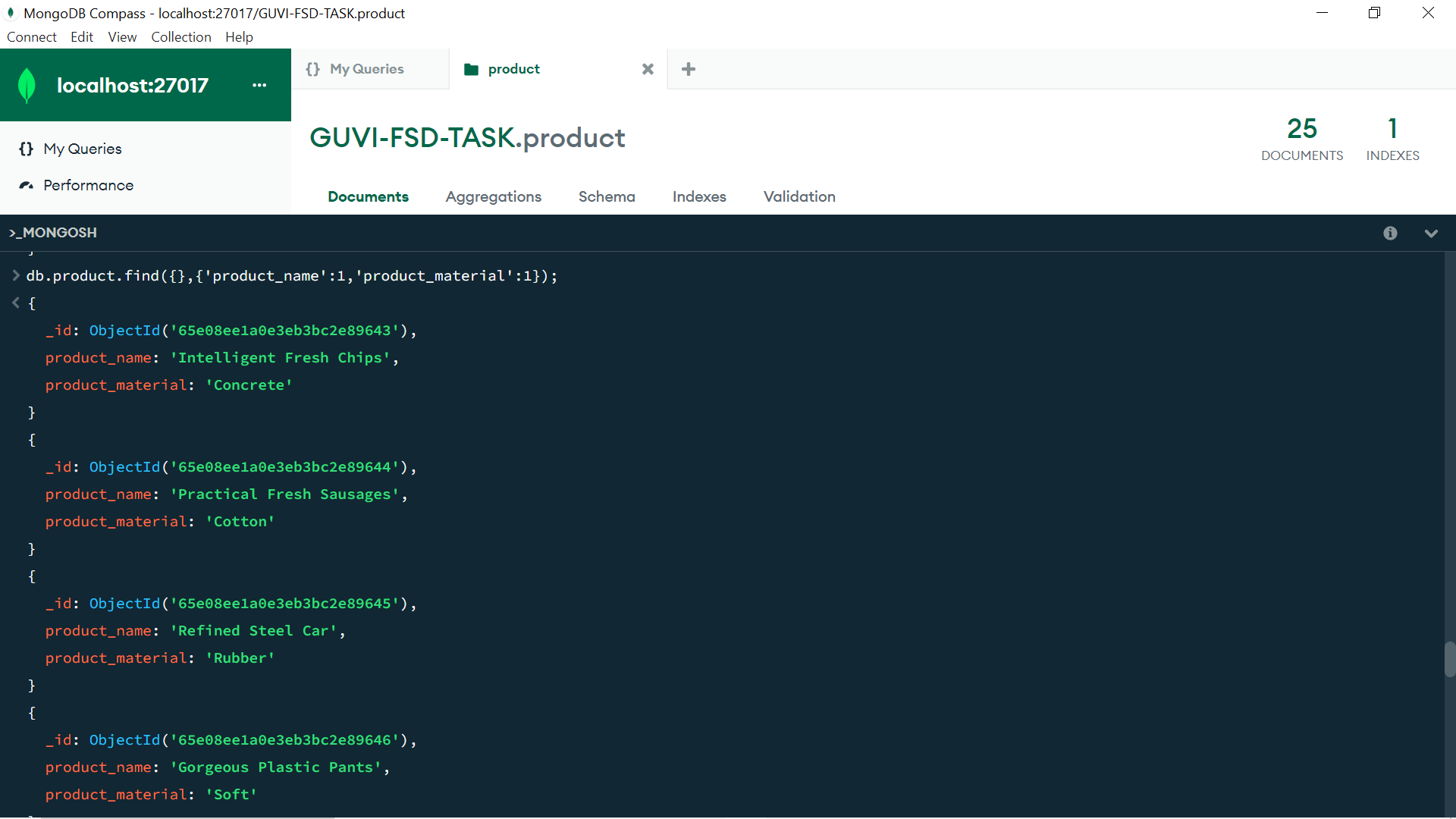
1. List the four product which are greater than 500 in price

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



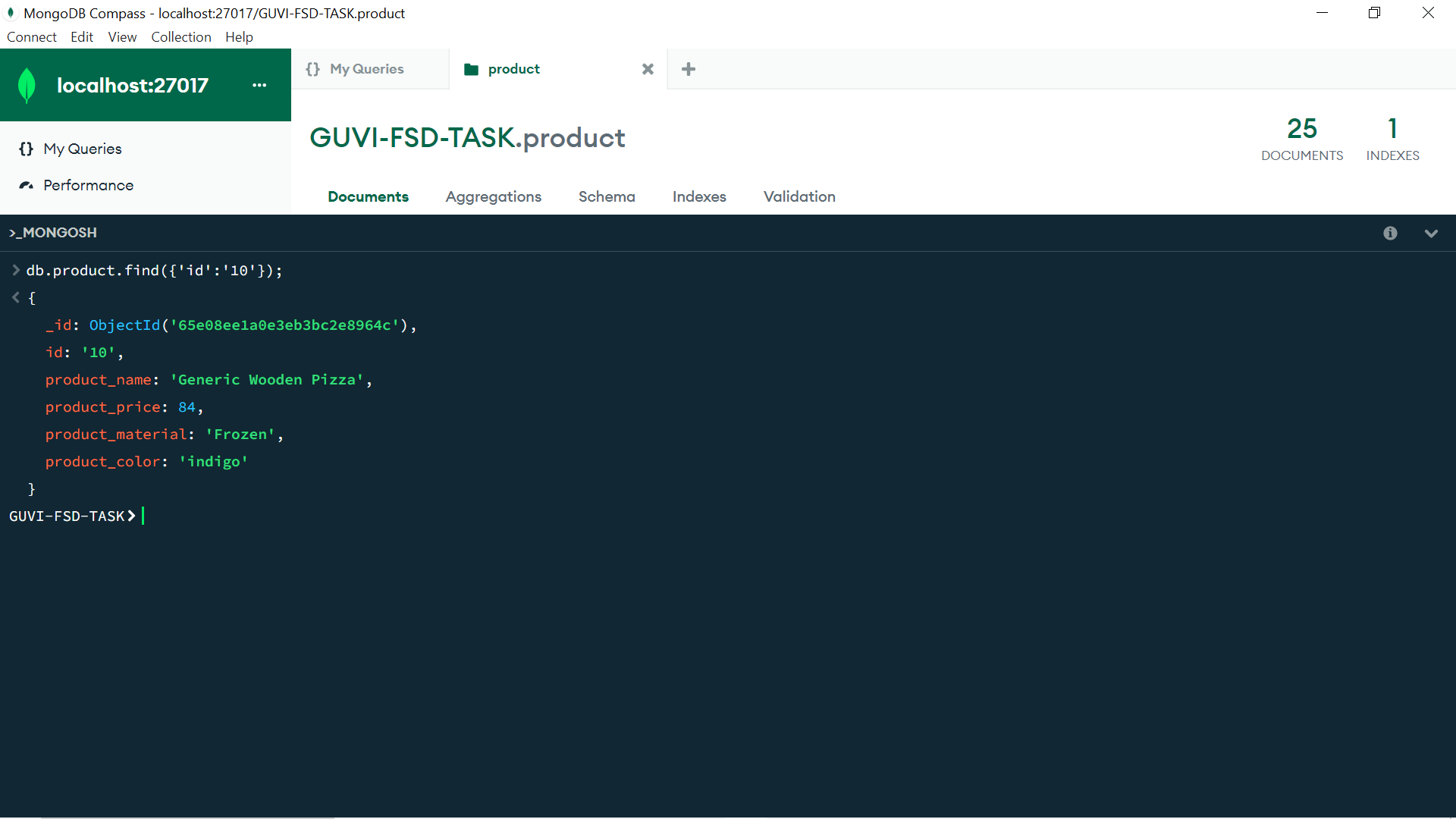
1. Find the product name and product material of each products

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



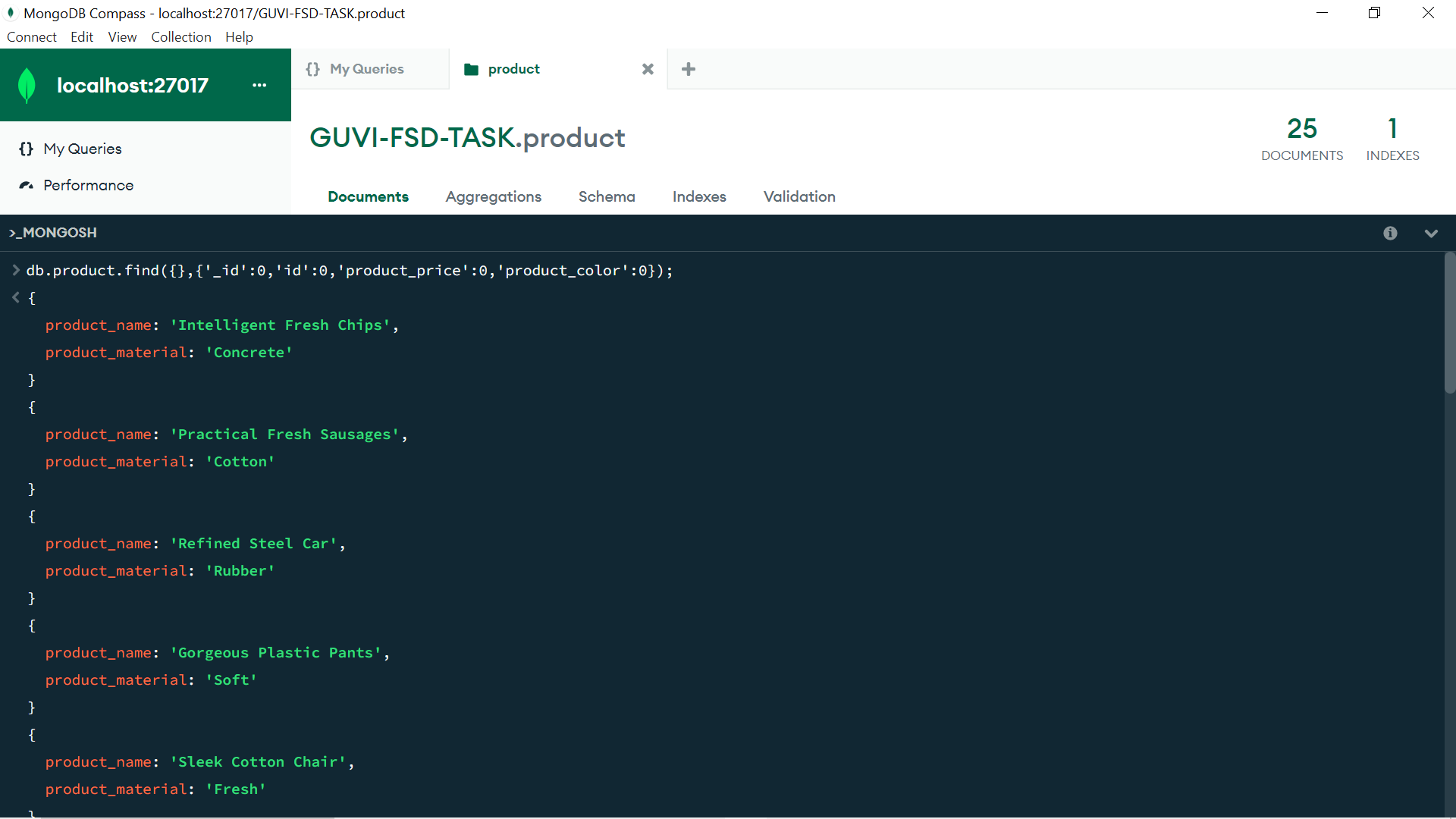
1. Find the product with a row id of 10

Ans: db.product.find({'id':'10'});



1. Find only the product name and product material

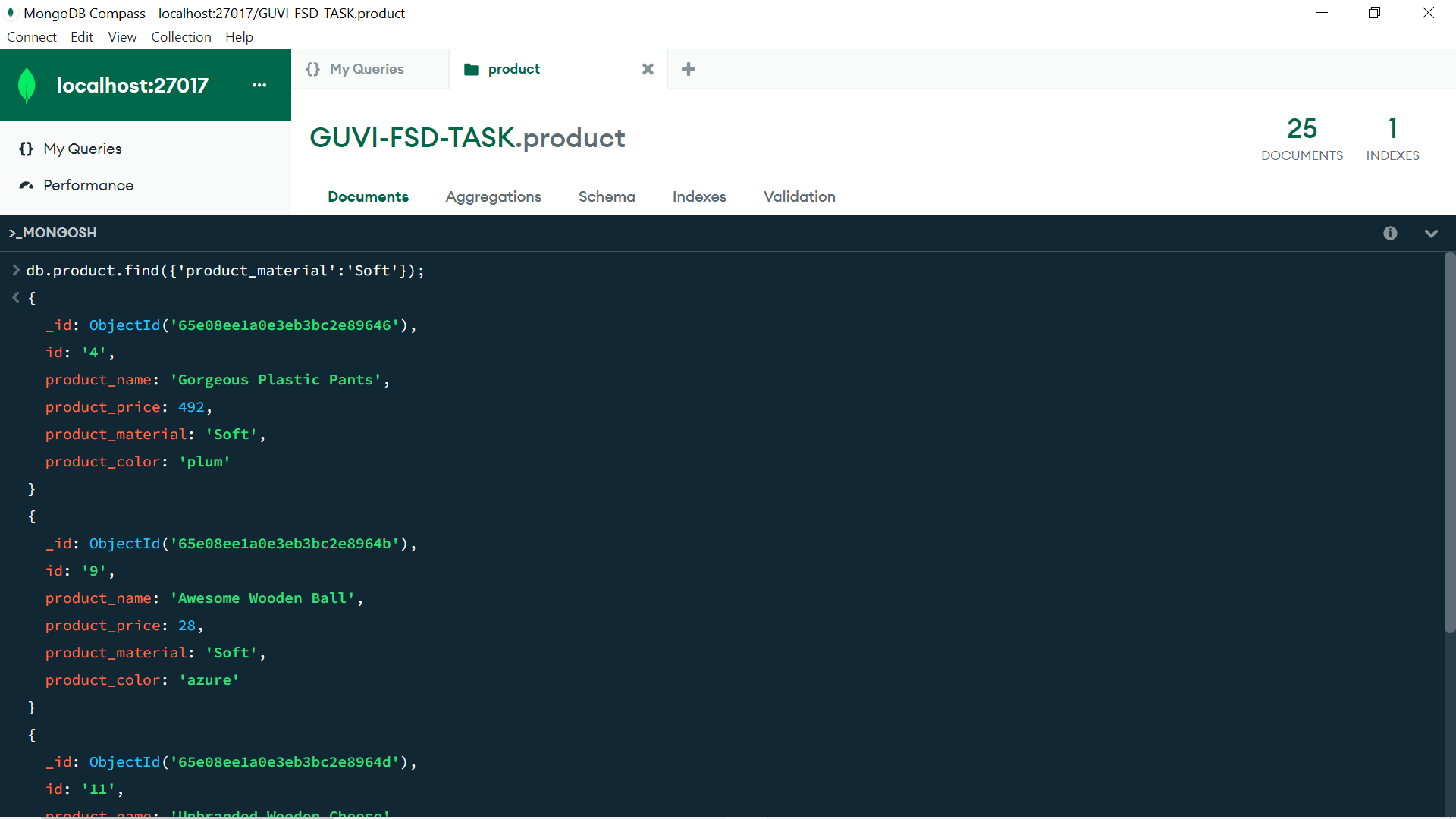
Ans: db.product.find({},{'\_id':0,'id':0,'product\_price':0,'product\_color':0});



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

Material

Ans: db.product.find({'product\_material':'Soft'});



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

Ans: db.product.find({$and:[{'product\_color':'indigo'},{'product\_price':492}]});

Output: No products are match for the given condition.

1. Delete the products which product price value are same

Ans: db.Products.aggregate([ { $group: {\_id: '$product\_price',

count: { $sum: 1 } } }, { $match: { count: { $gt: 1 } } } ] ).forEach((e)

=> { db.Products.deleteMany({ product\_price: e.\_id });});

Output: Product with ‘id’ 16, 17, 20 and 24 are deleted.

