MongoDB -TASK 1

1. **Find all the information about each products**

**db.products.find();**

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

**db.products.find({'product\_price': {$gte: 400, $lte: 800}});**

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

**db.products.find({$or: [{ 'product\_price': { $lt: 400 } },{ 'product\_price': { $gt: 600 } }]});**

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

**db.products.find({'product\_price':{$gt:500}}).limit(4);**

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

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

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

**db.products.find().skip(9).limit(1);**

1. **Find only the product name and product material**

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

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

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

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

**db.products.find({ 'product\_color': 'indigo' , 'product\_price': 492.00 });**

1. **Delete the products which product price value are Same**

**db.Products.aggregate([**

**{**

**$group: {**

**\_id: '$product\_price',**

**count: { $sum: 1 }**

**}**

**},**

**{**

**$match: {**

**count: { $gt: 1 }**

**}**

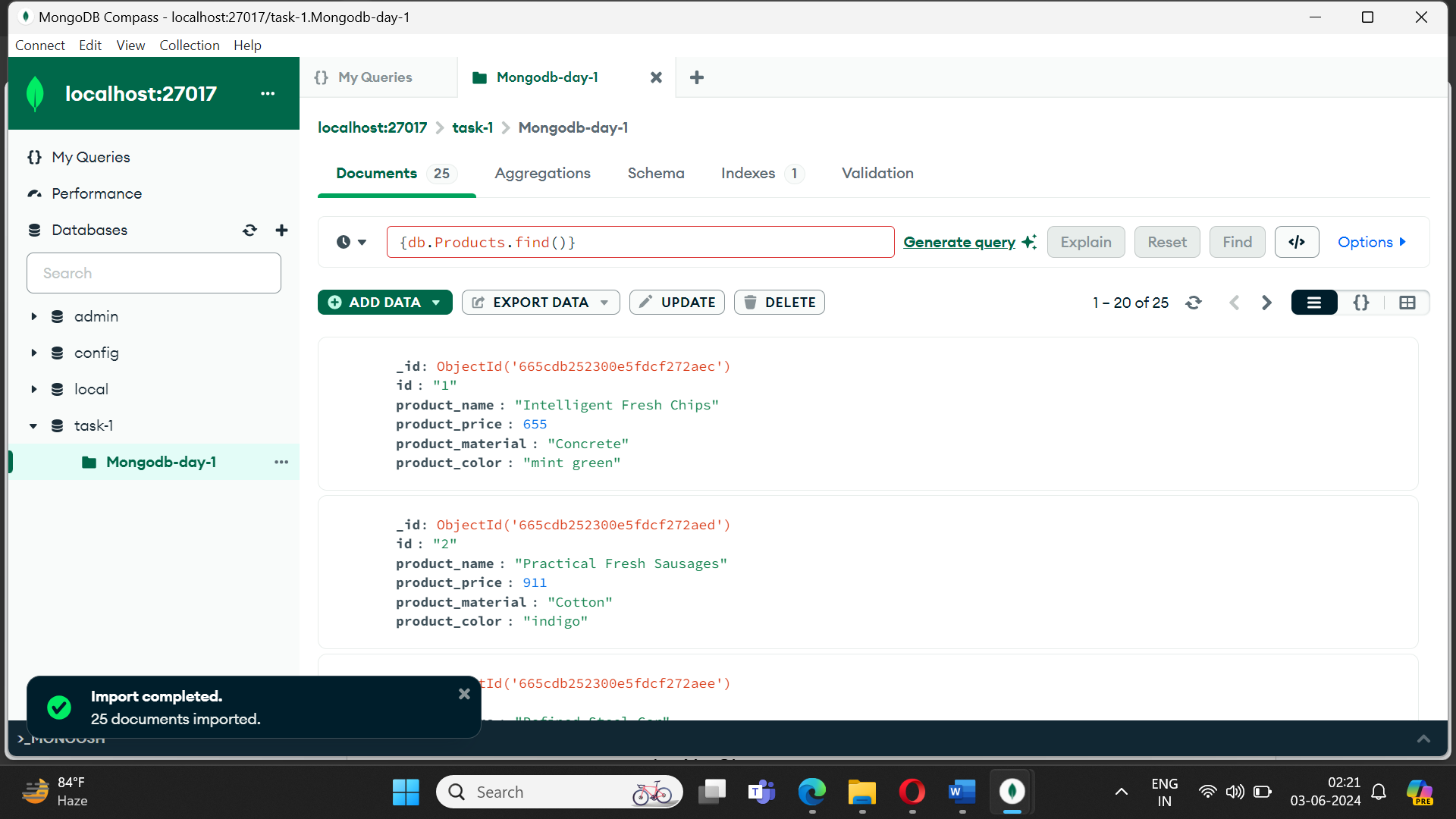
**}**

**]).forEach((e) => {**

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

**});**

**Output:**

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