1. Find all the information about each products

db.products.find().pretty();

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

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

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

db.products.find({product\_price: { $not: { $gt: 400, $lt: 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({}, {product\_name: 1, product\_material: 1});

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

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

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

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 all products which contain the value of soft in product material

db.products.find({ $or: [{ product\_price: 492.00 },{ product\_color: "indigo" }]});

1. Delete the products which product price value are same

db.products.aggregate([

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

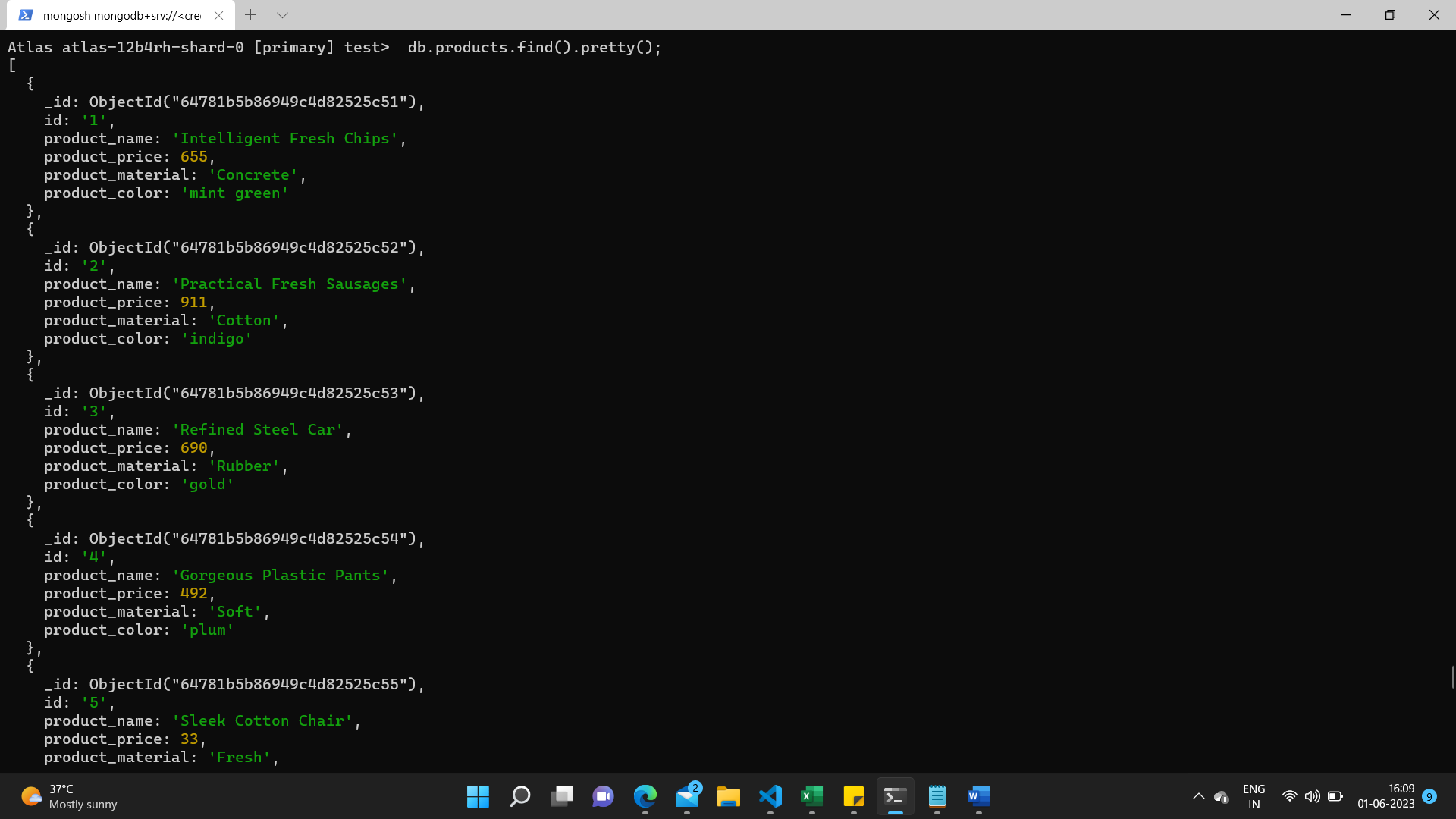
{ $match: { \_id: { $ne: null }, count: { $gt: 1 } } }

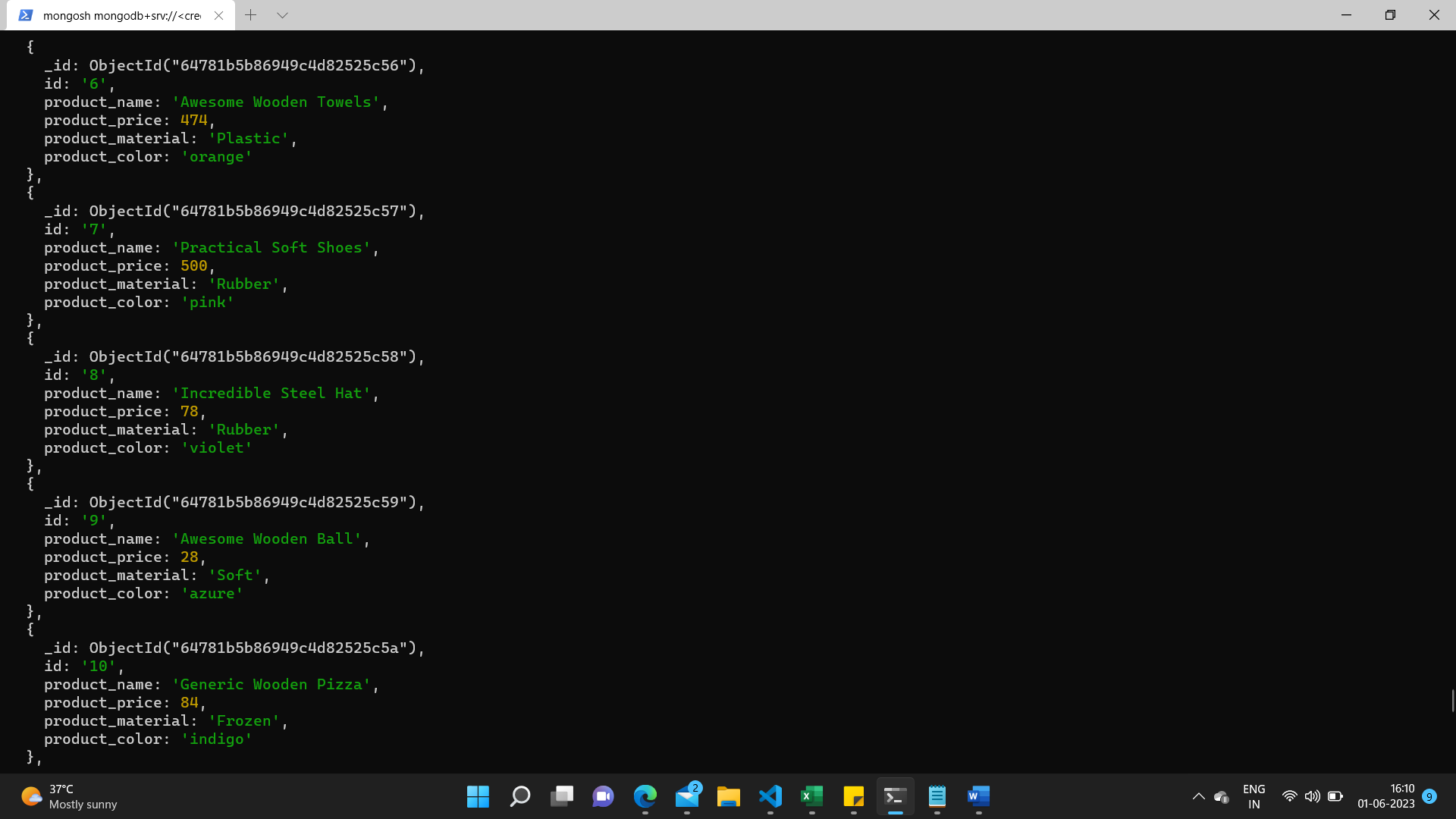
]);

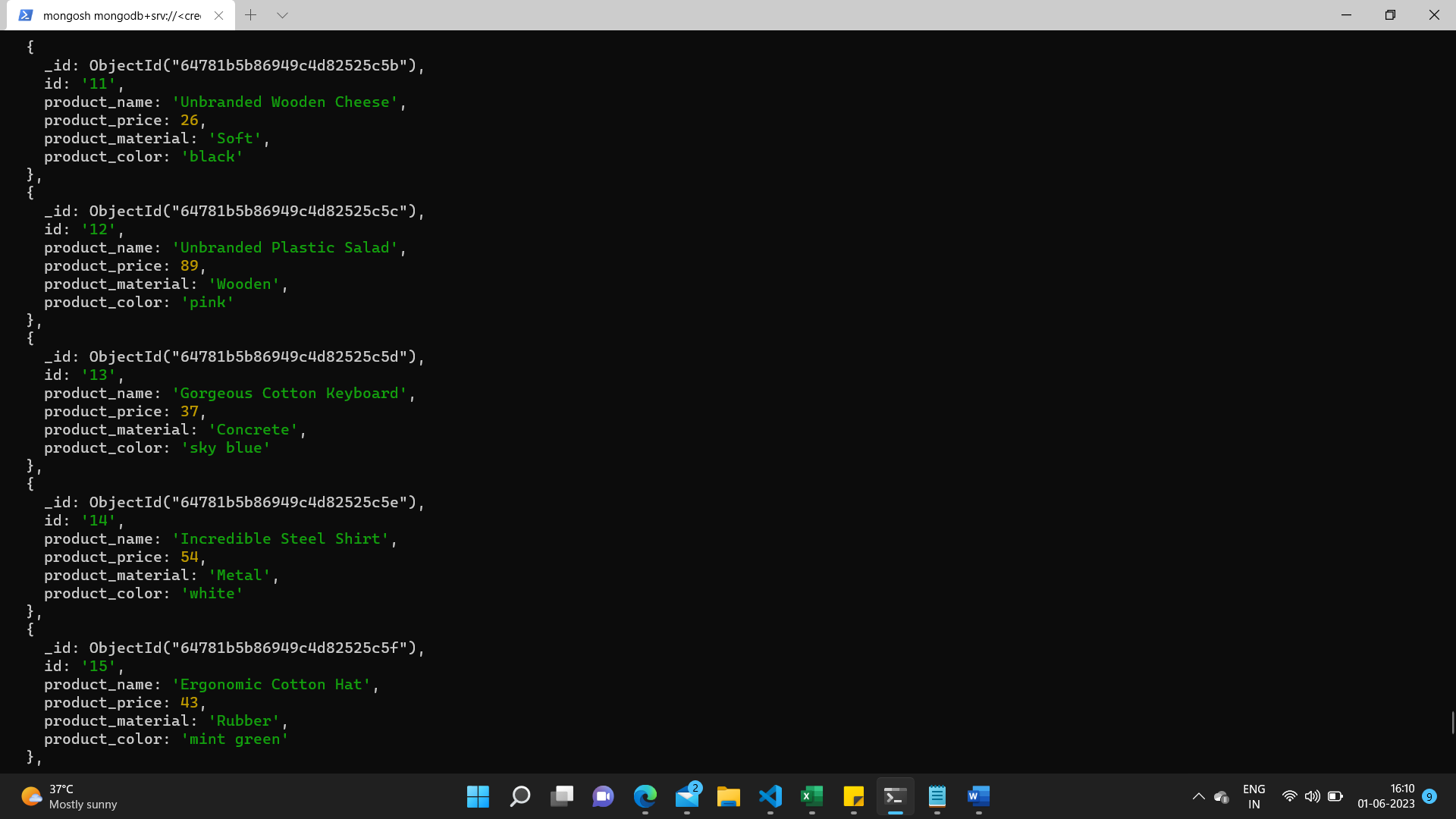
db.products.deleteMany({ product\_price: { $in: [36, 47] } });

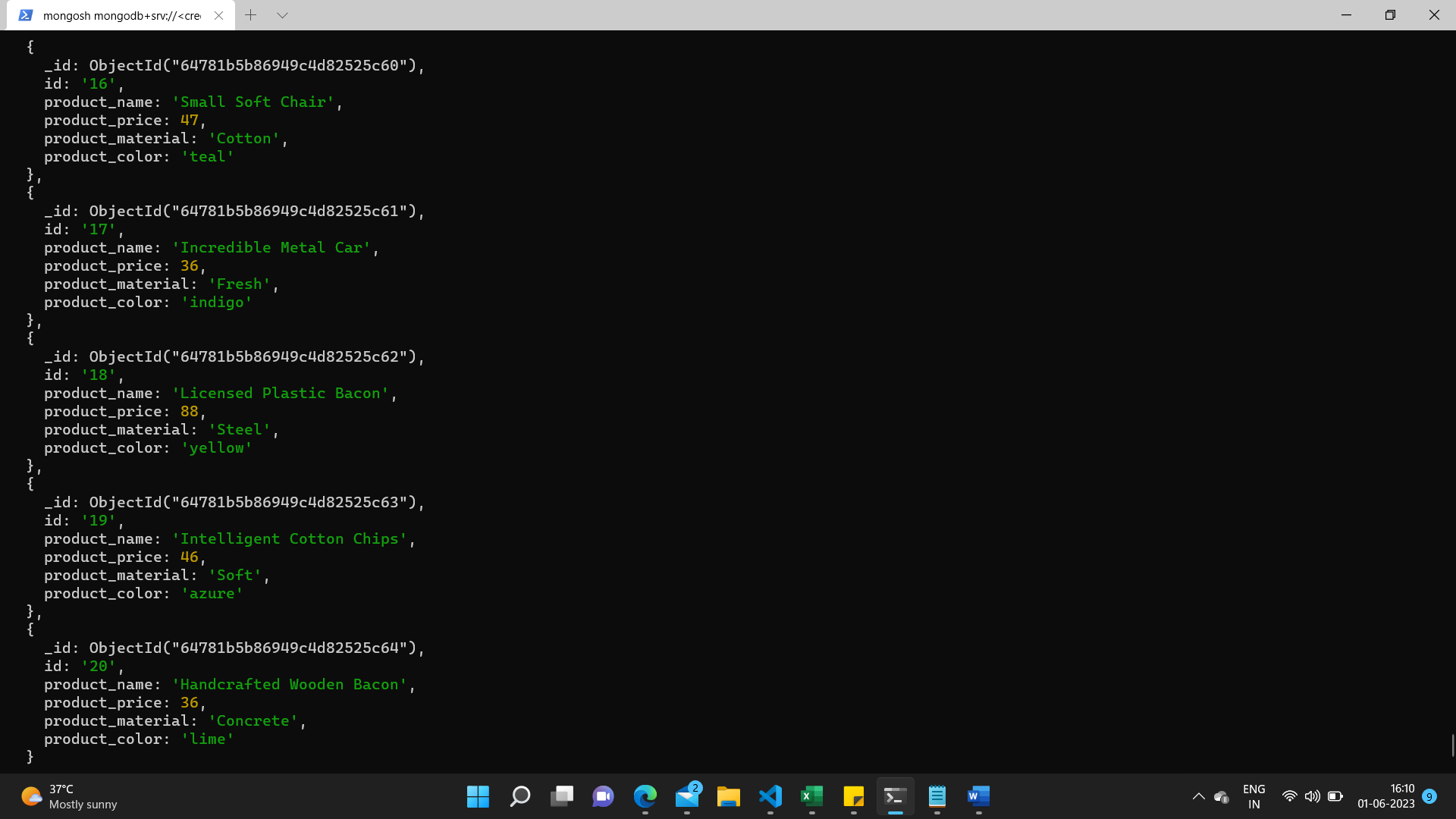
Screenshots:

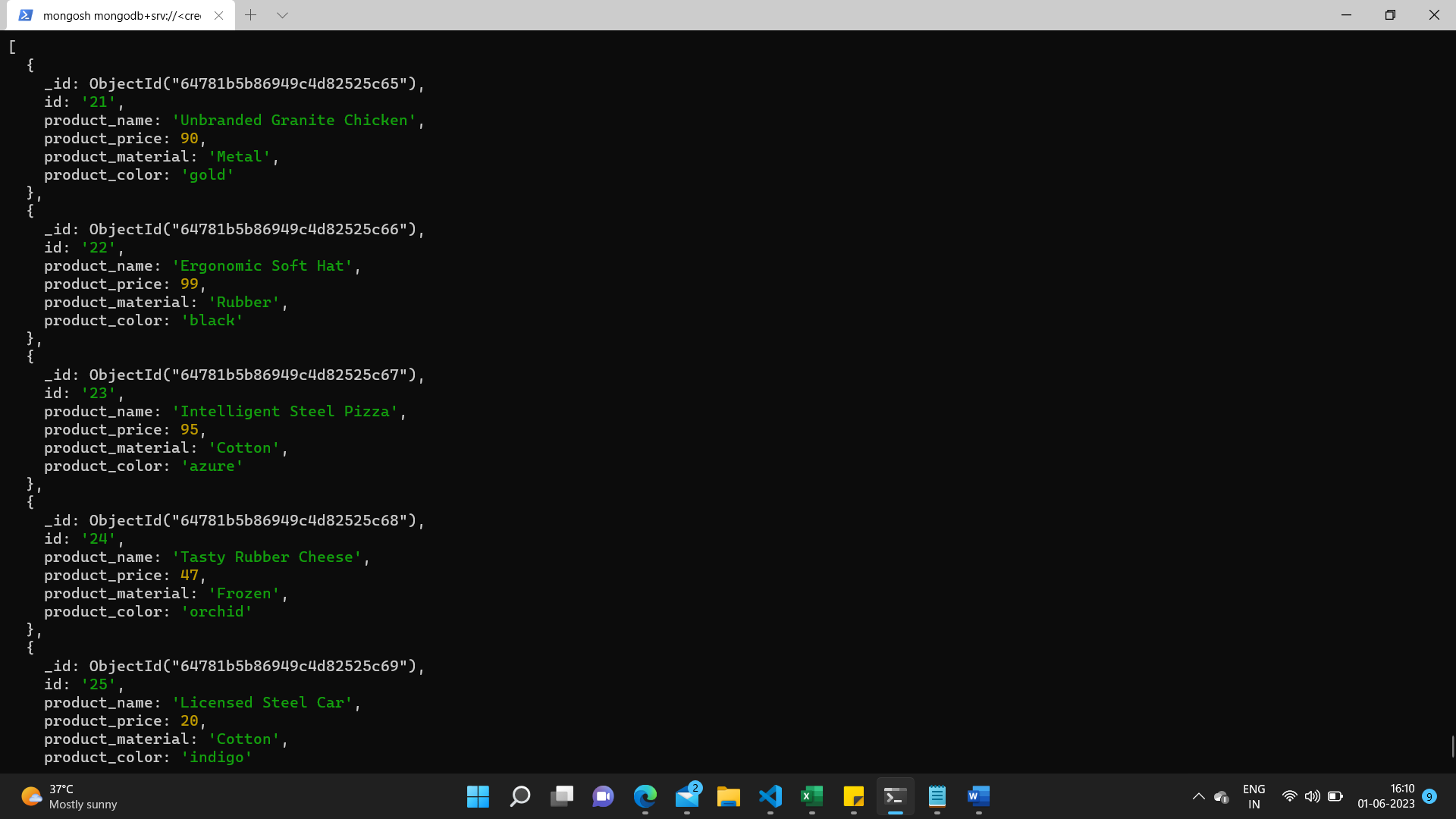
**1. Find all the information about each products**



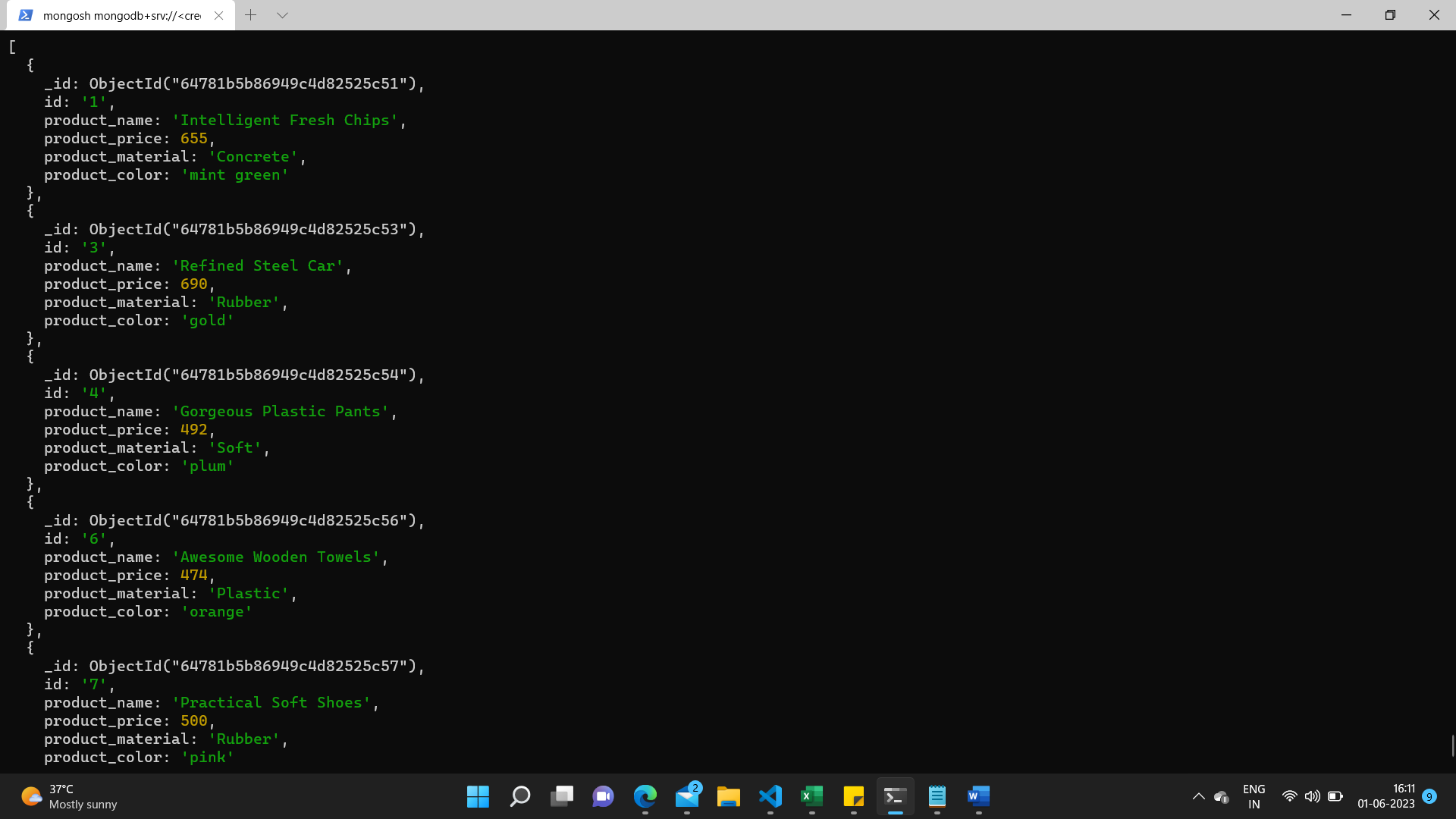




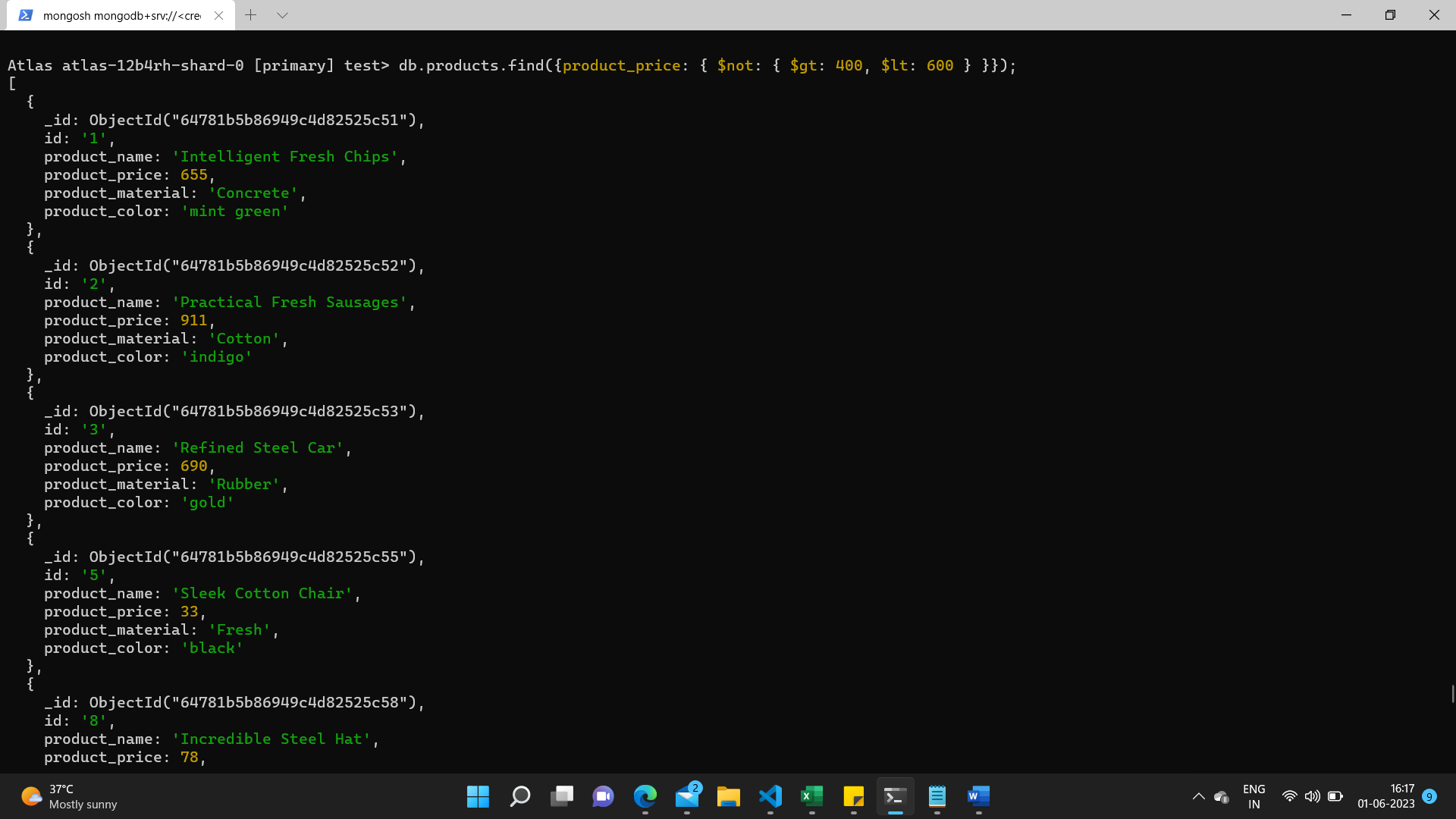


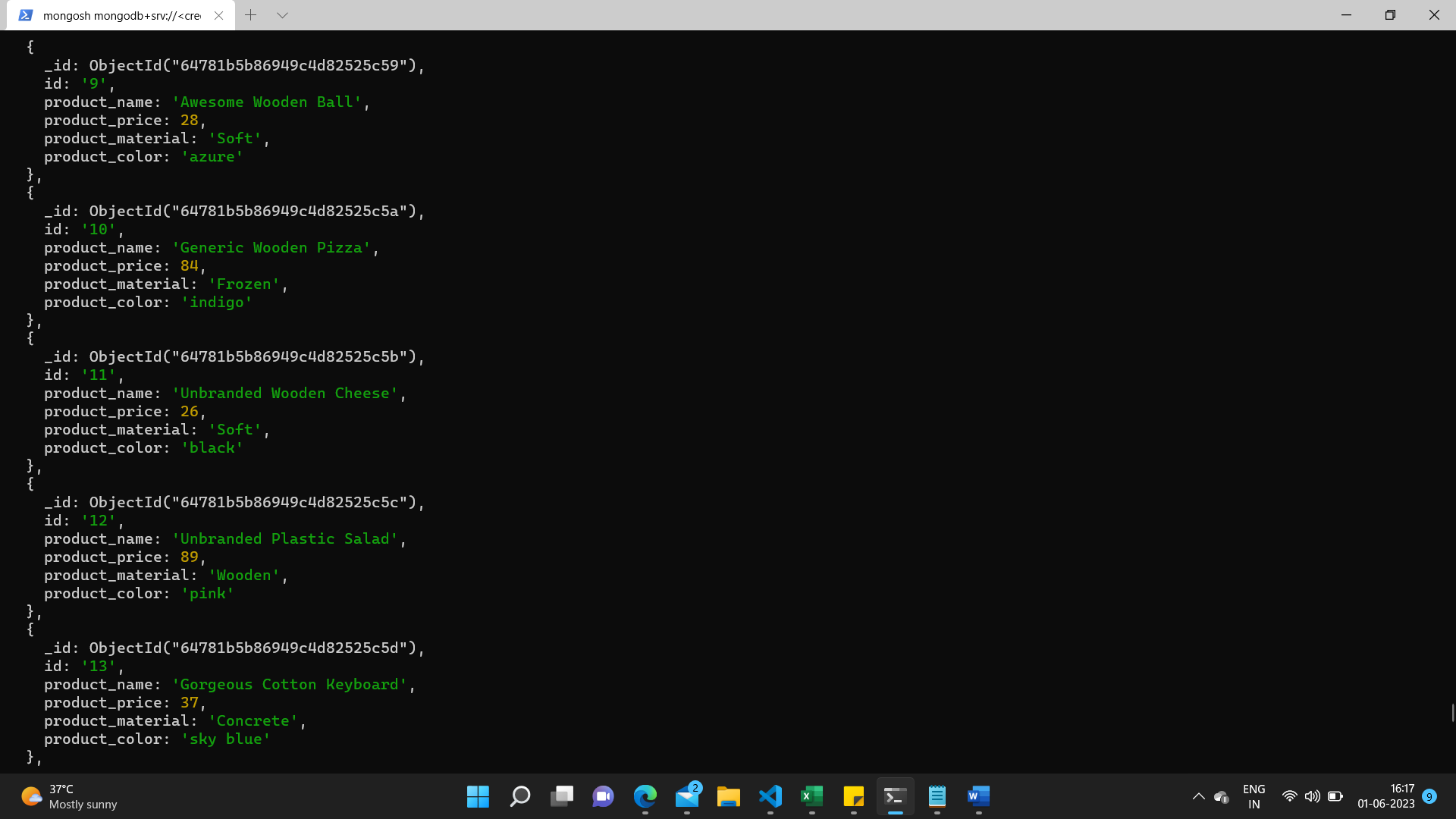


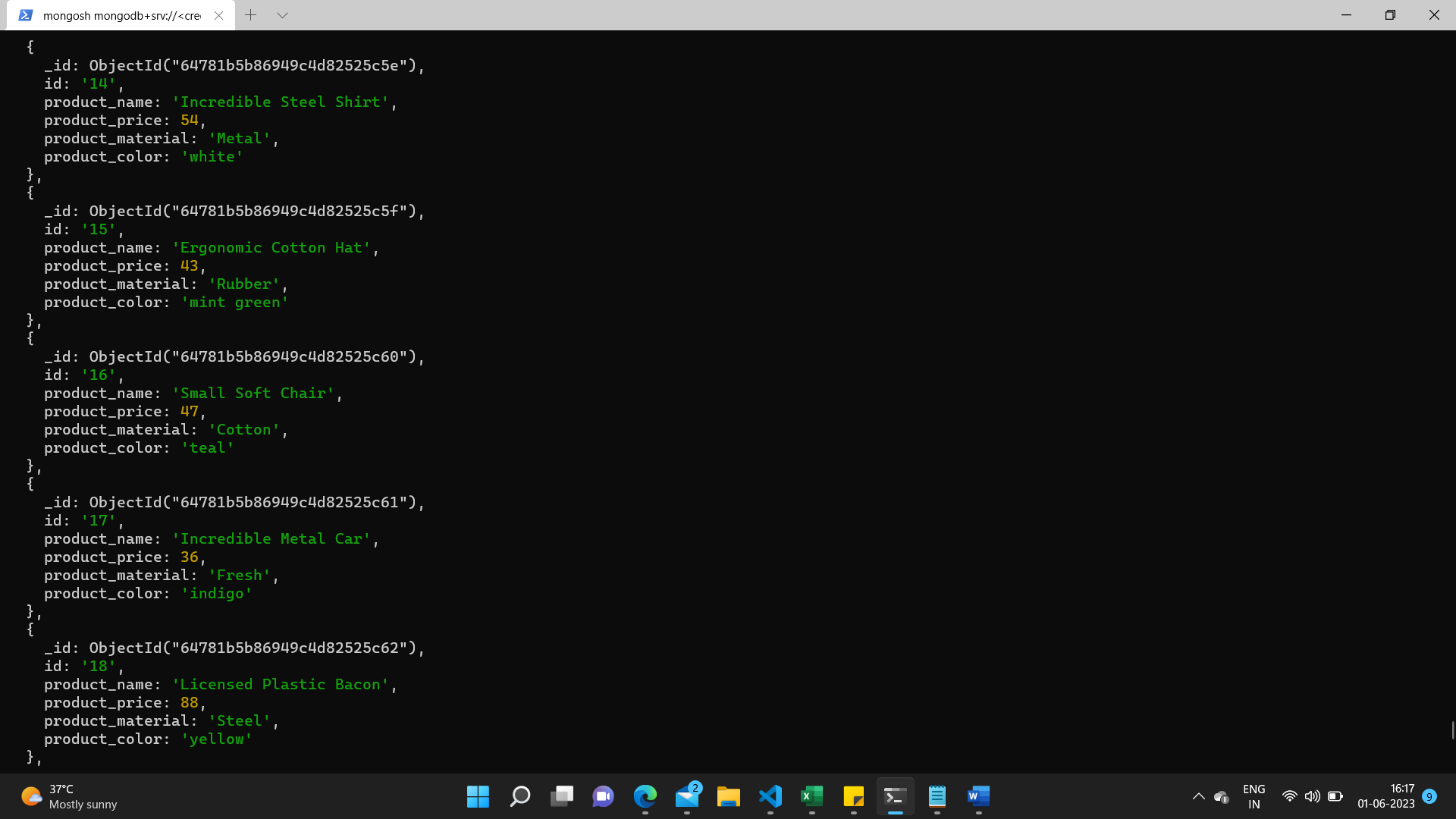
**2. Find the product price which are between 400 to 800**

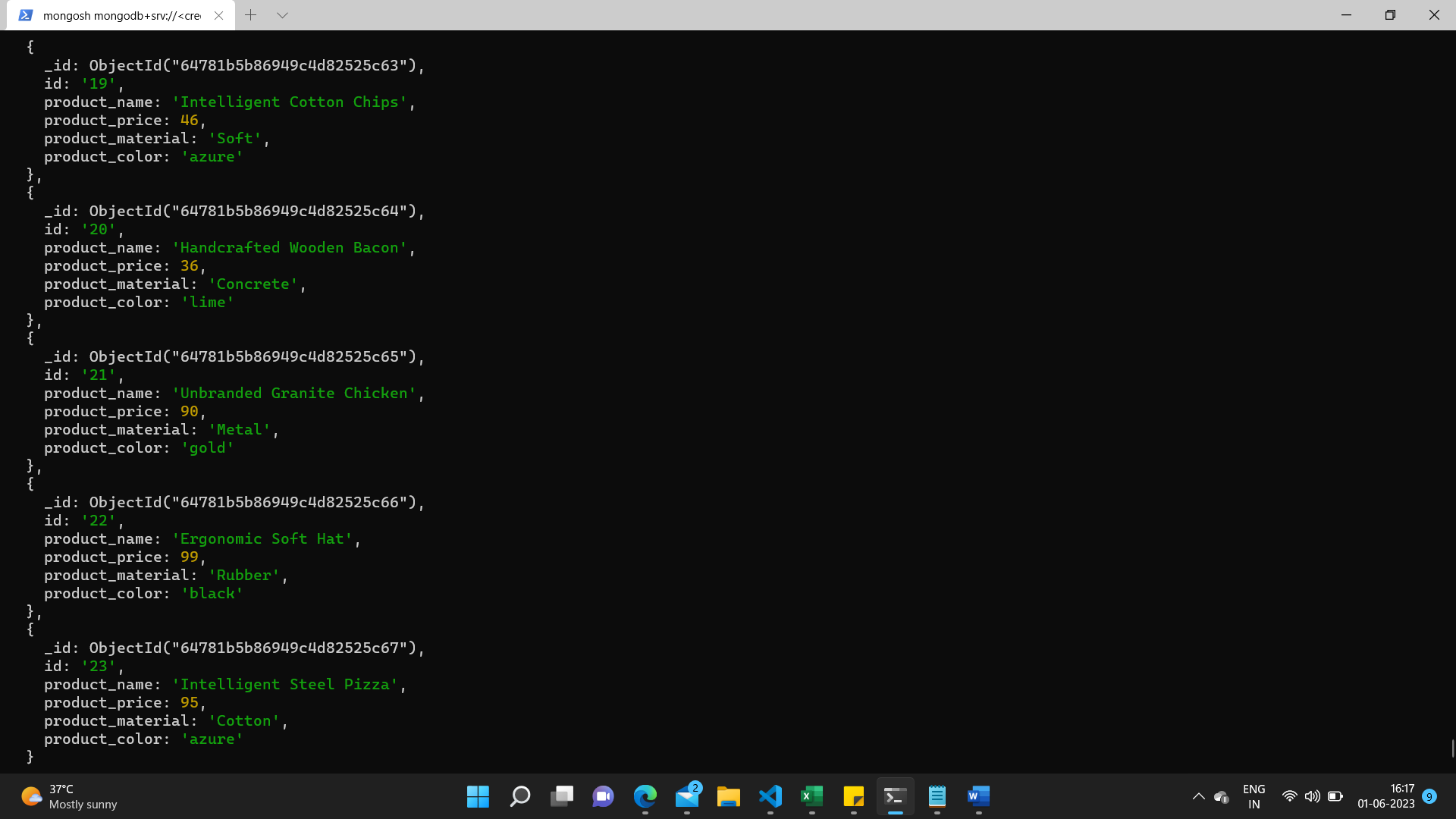


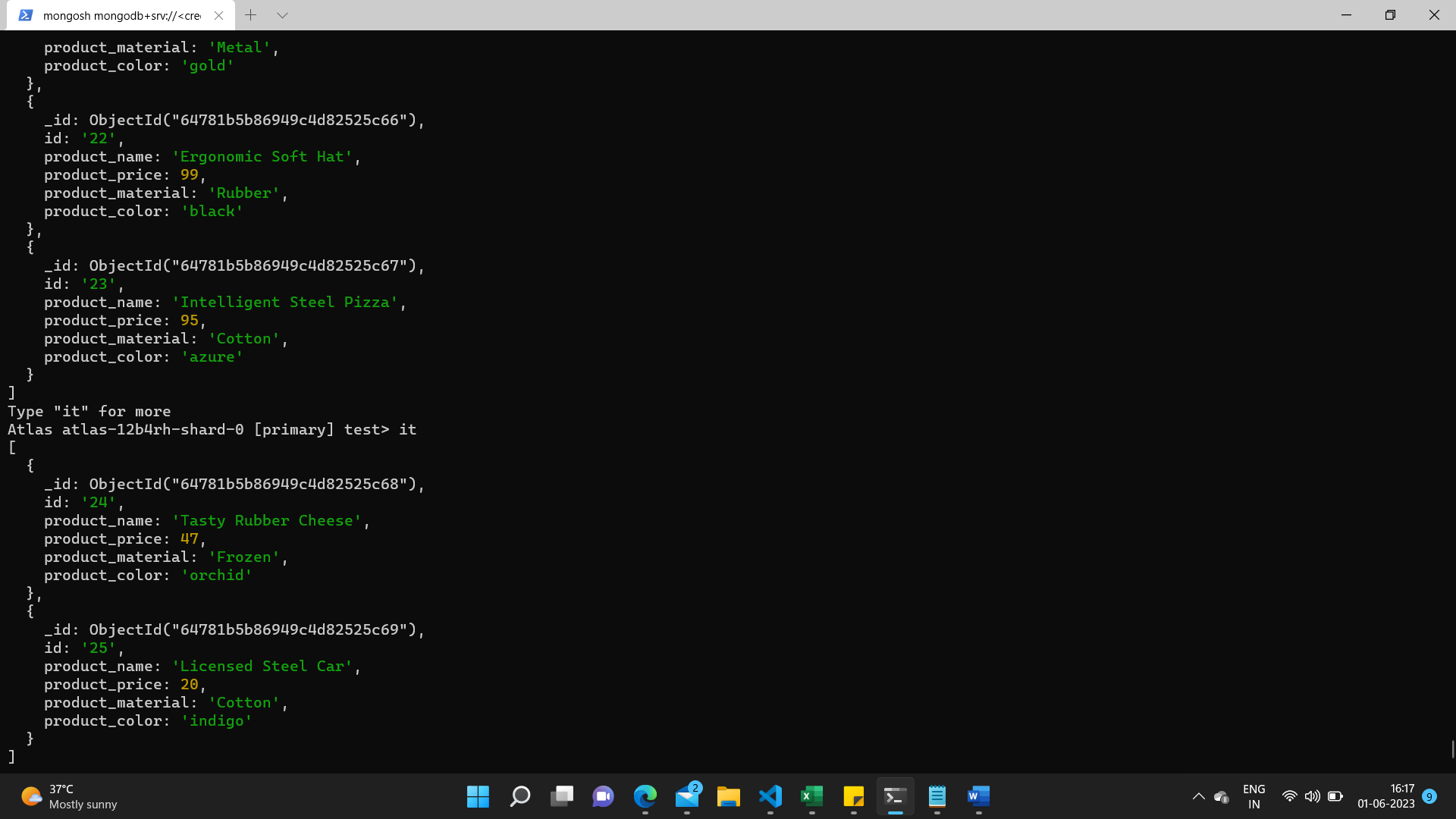
**3. Find the product price which are not between 400 to 600**

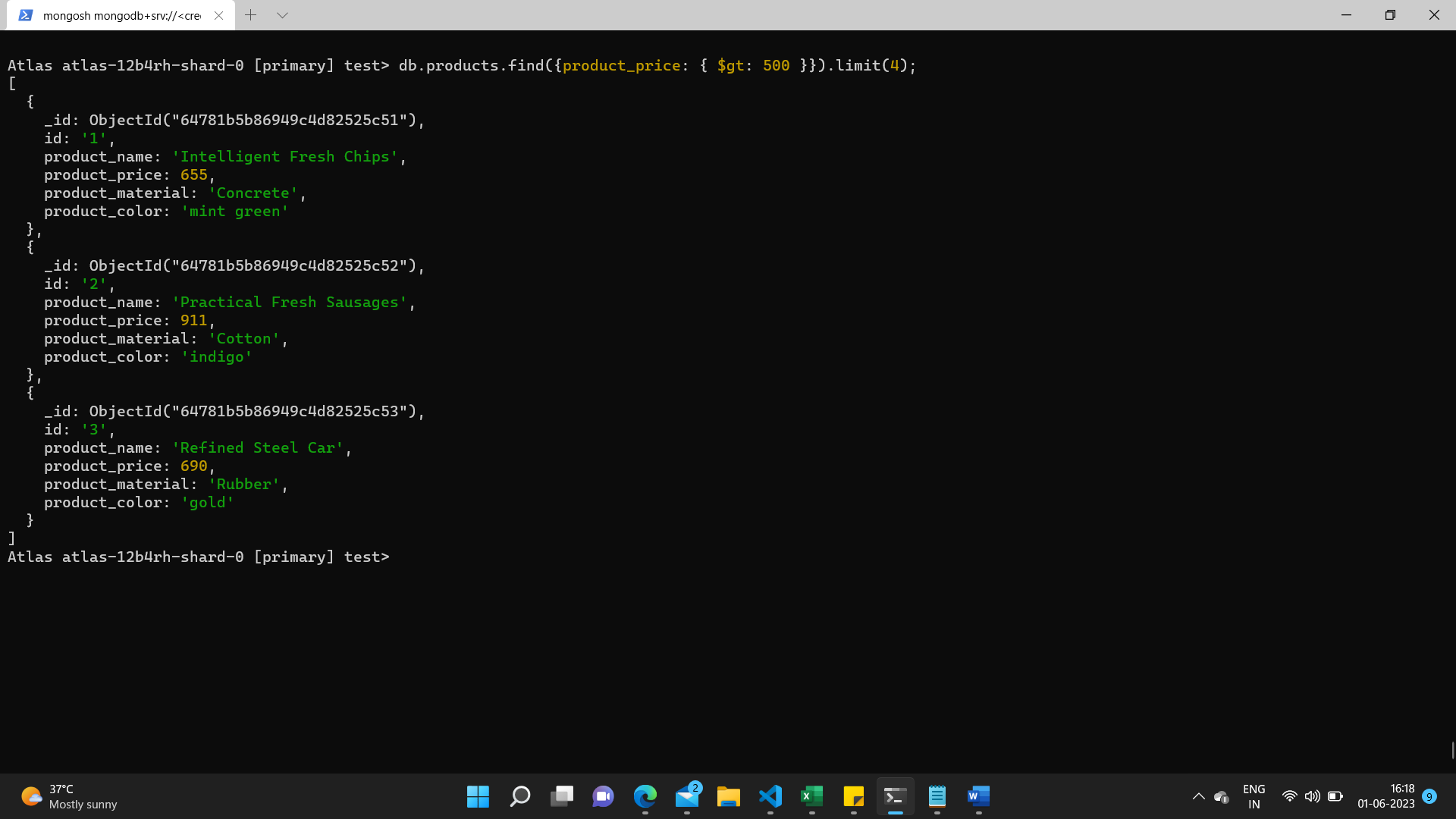




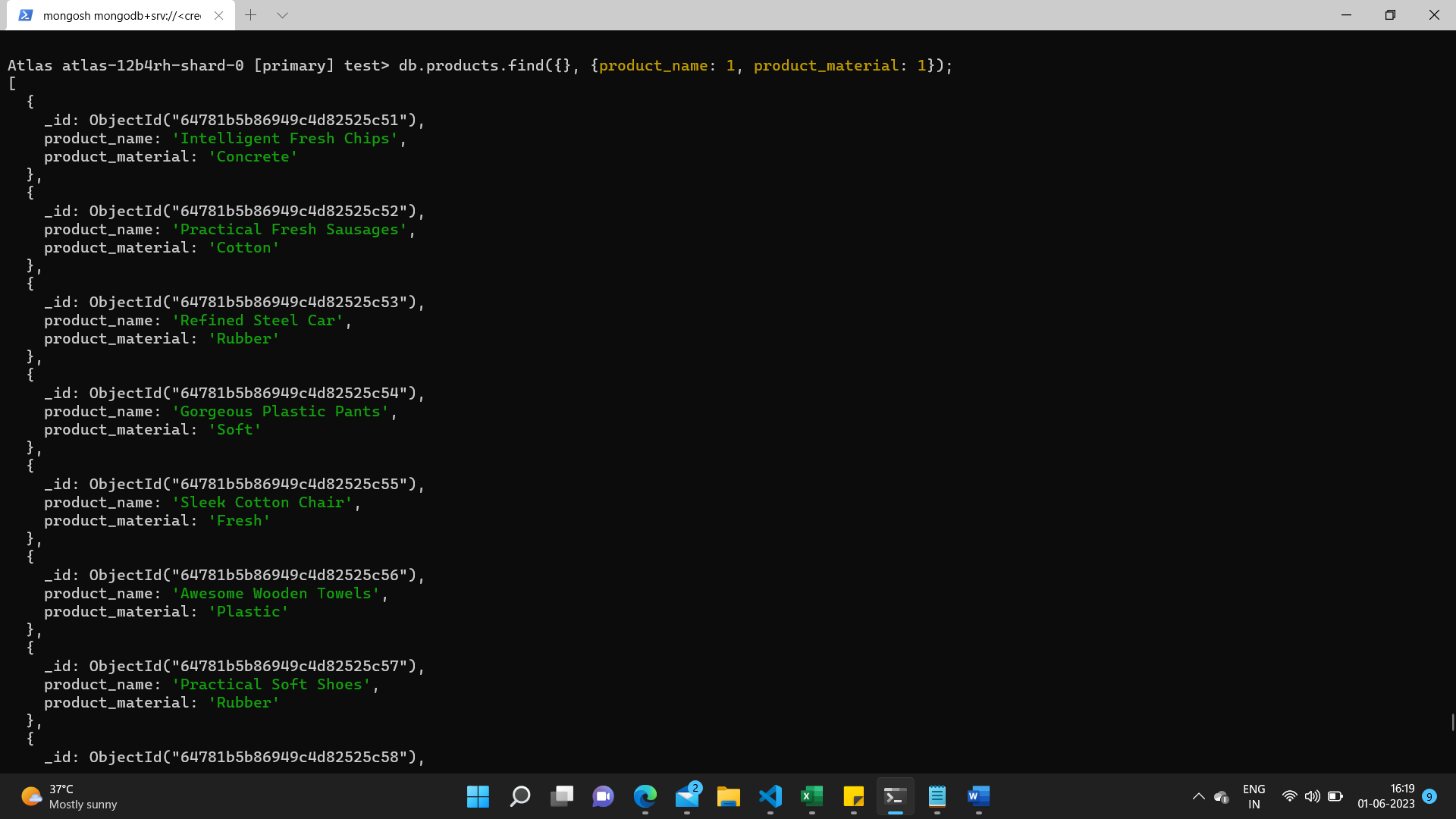


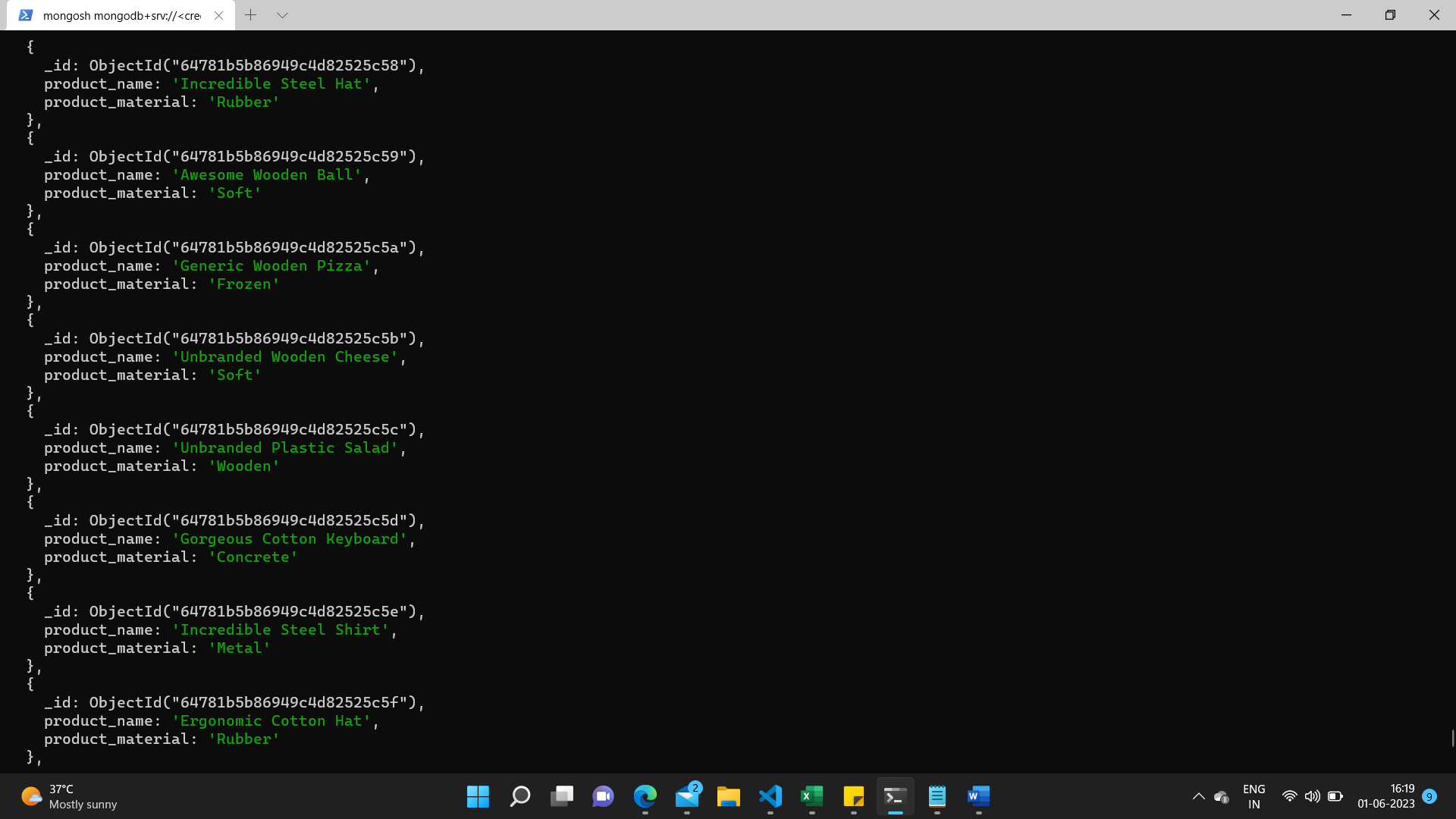


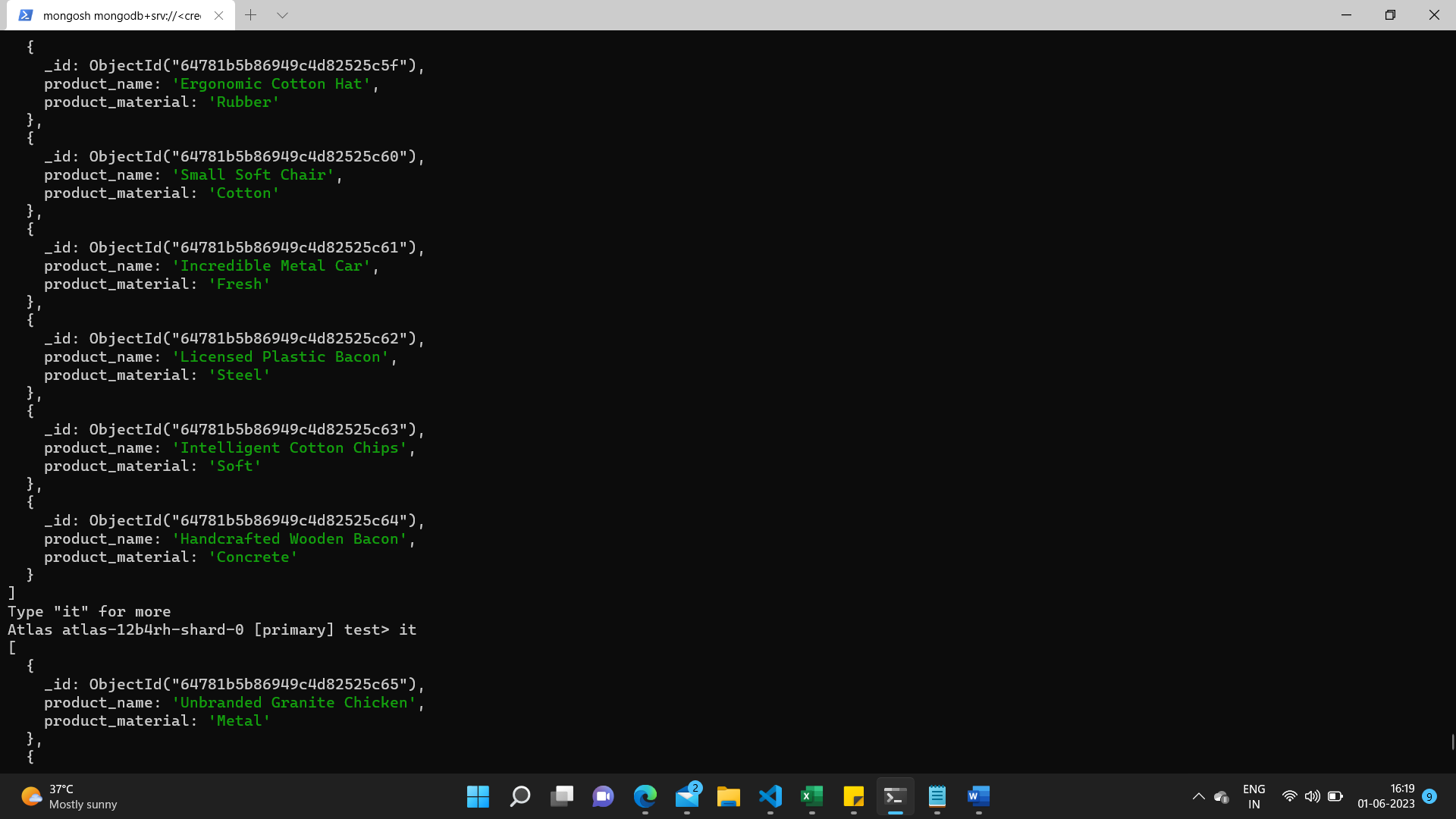


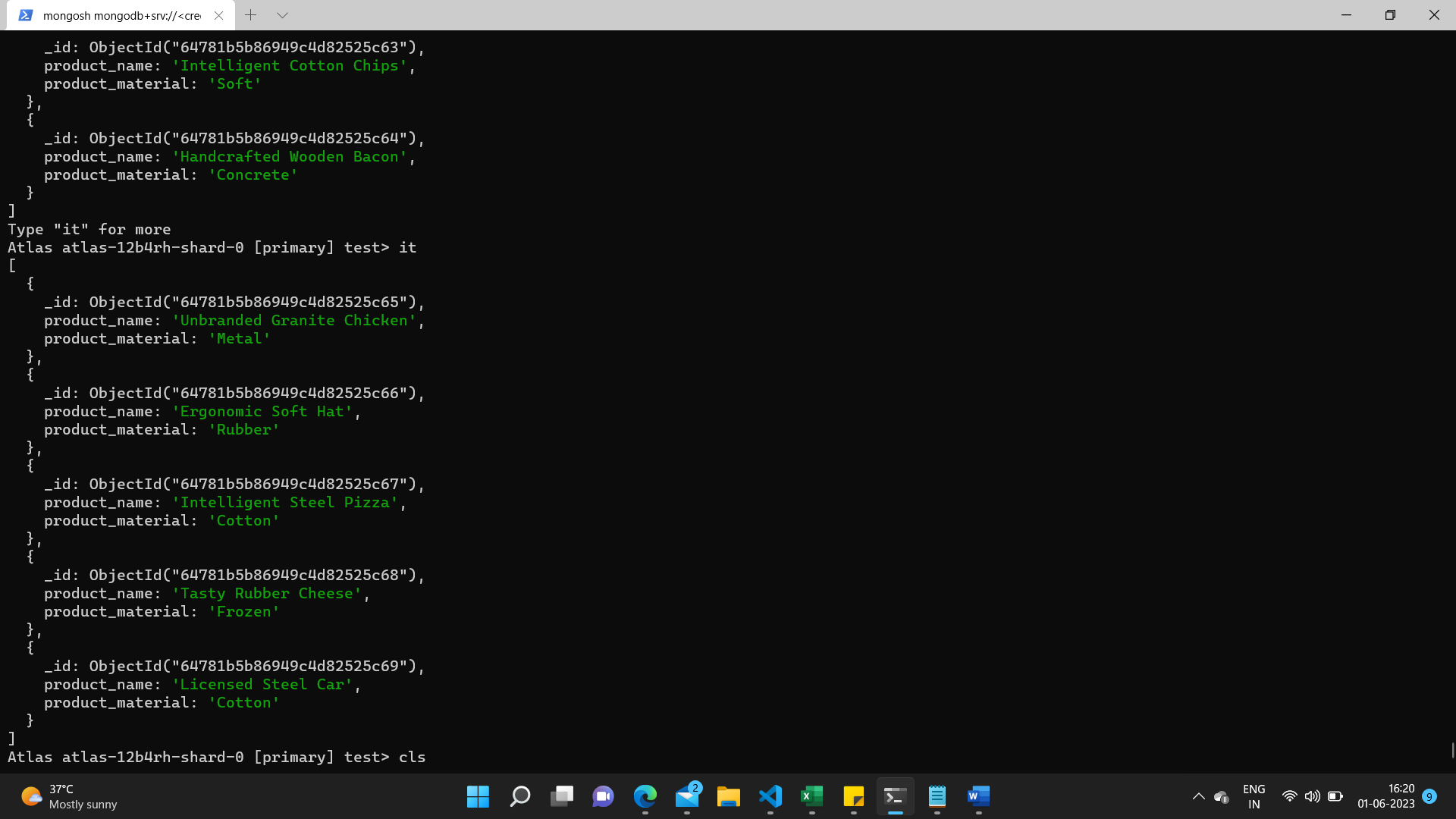
**4. List the four product which are greater than 500 in price**

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

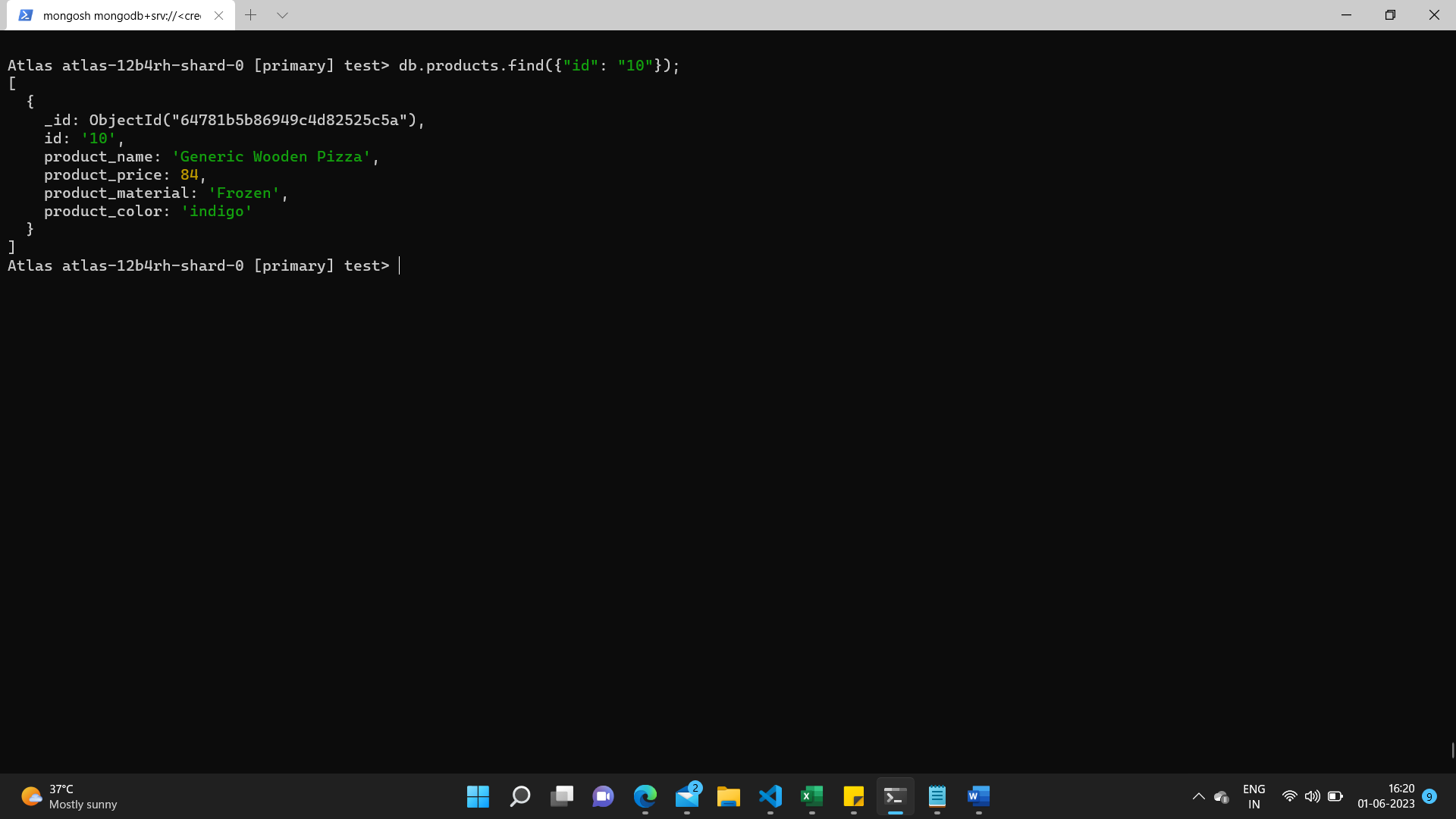




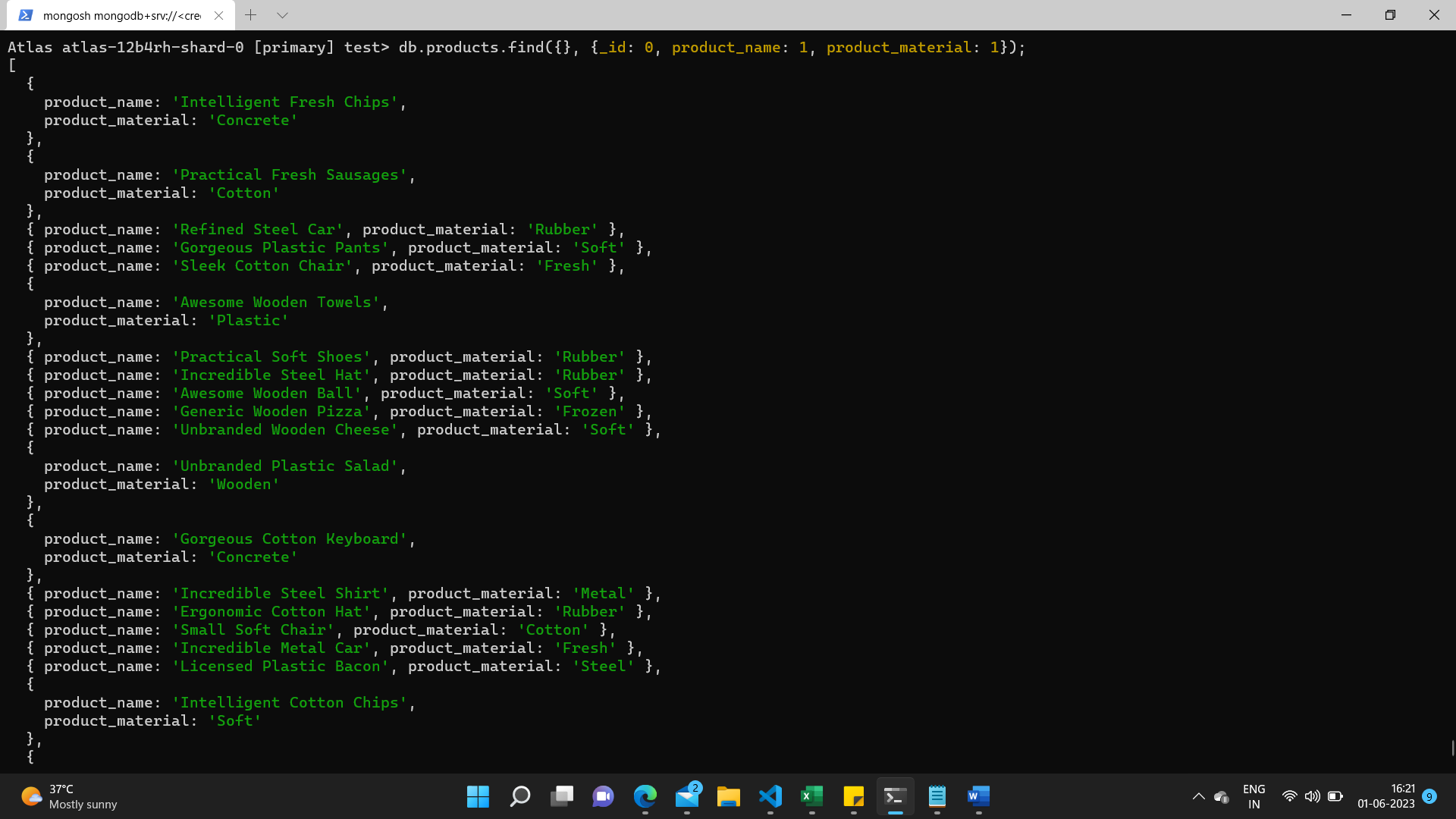


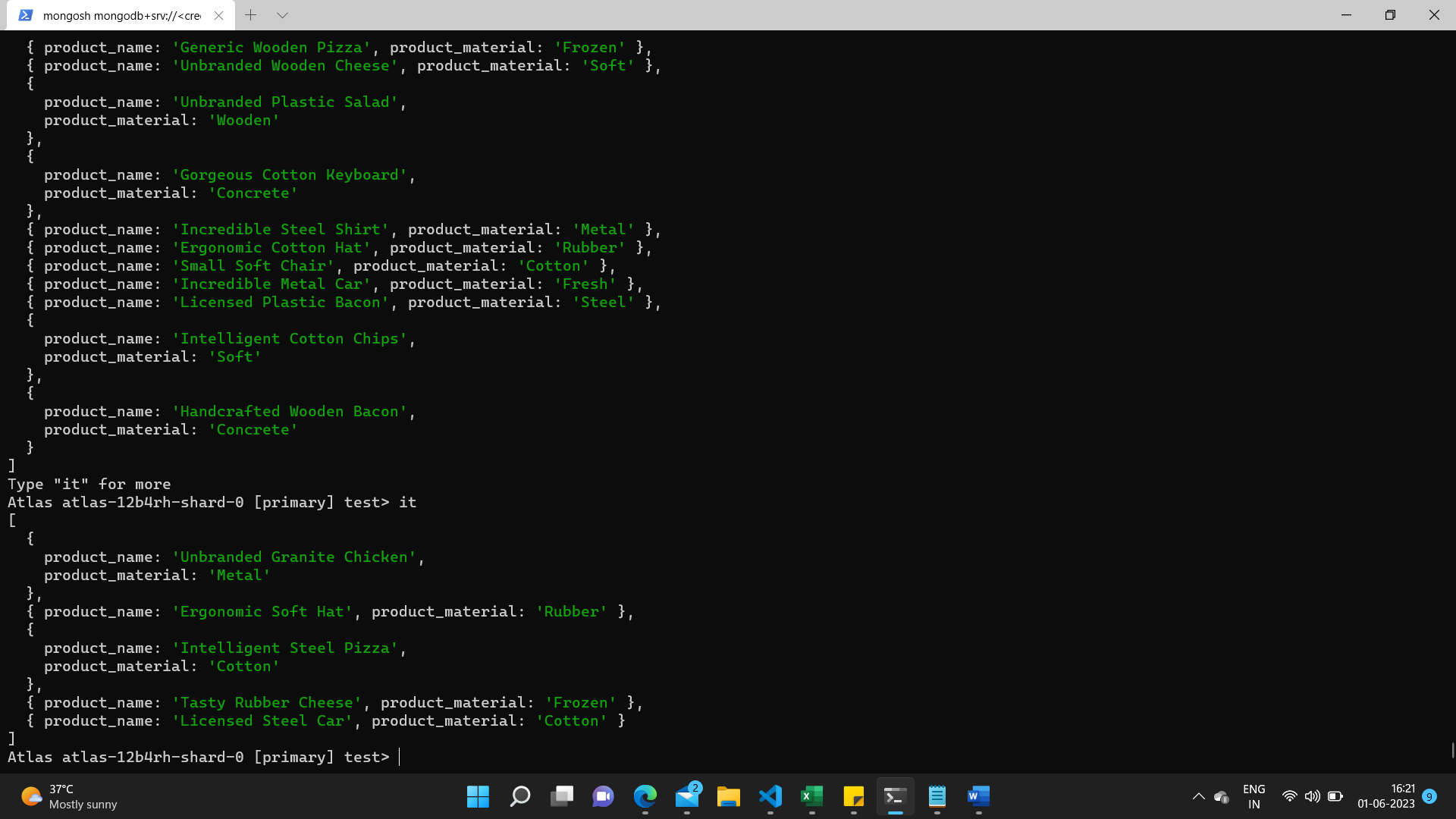


**6. Find the product with a row id of 10**

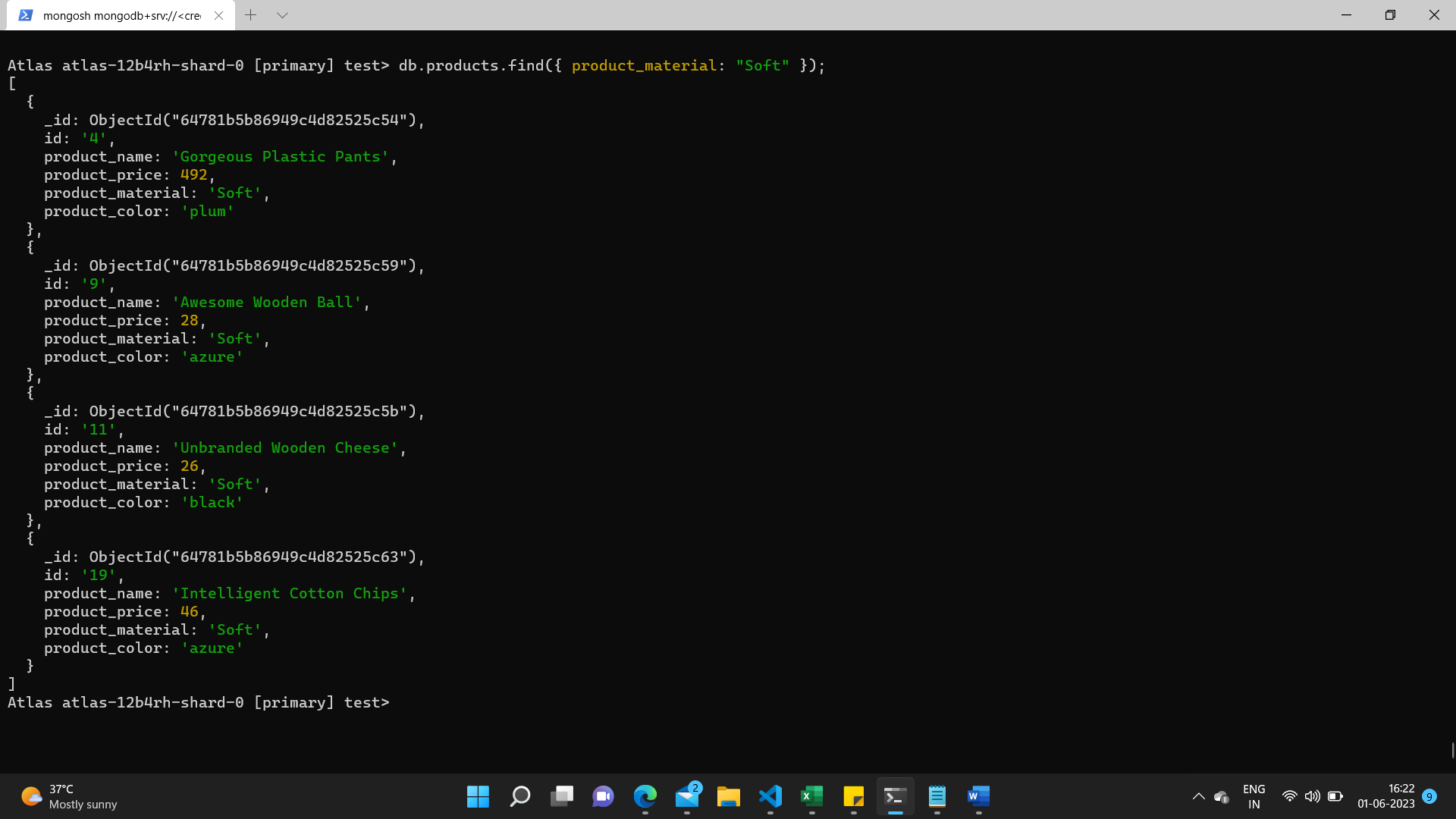


**7. Find only the product name and product material**

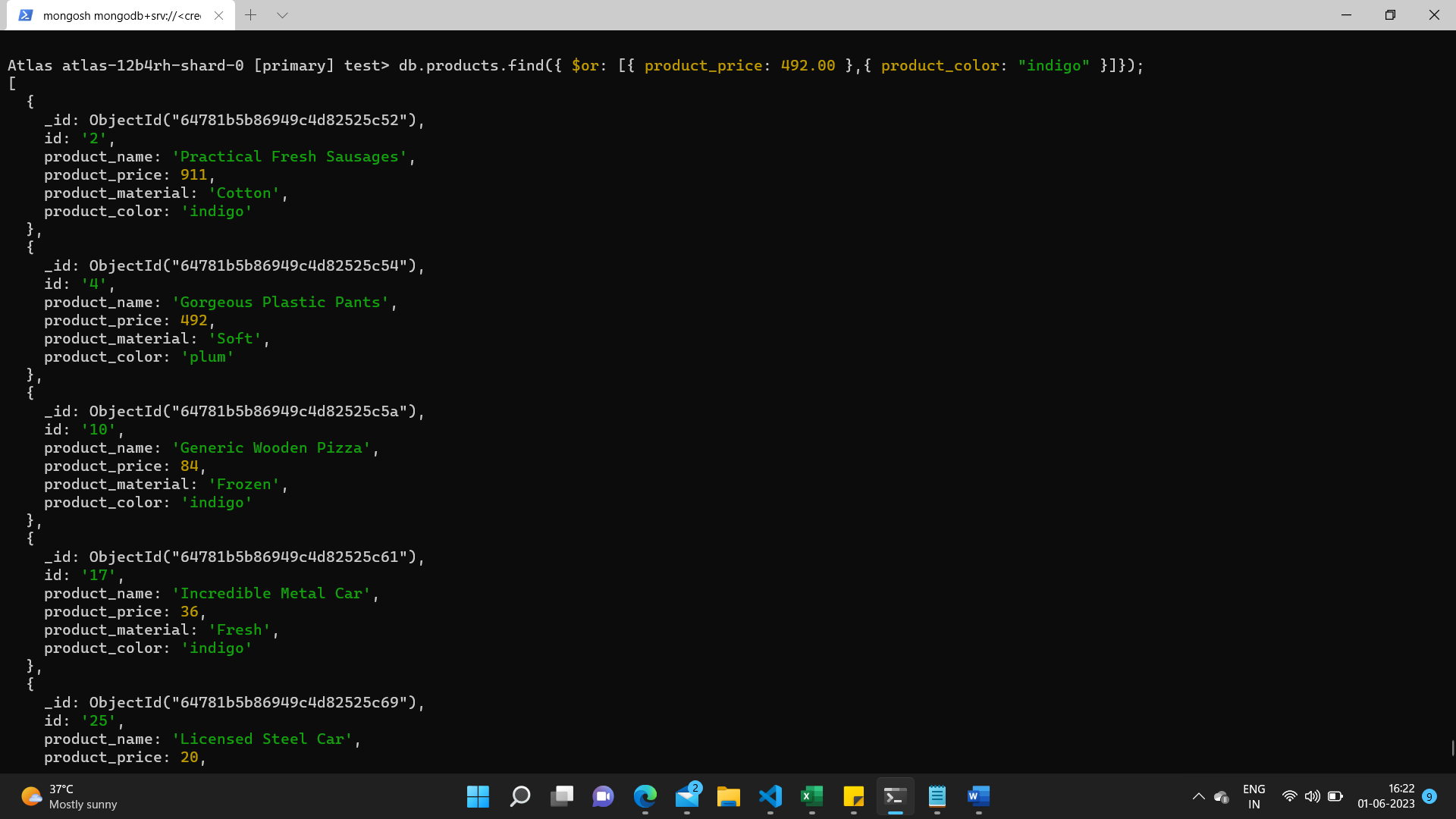




**8. Find all products which contain the value of soft in product material**



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



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

