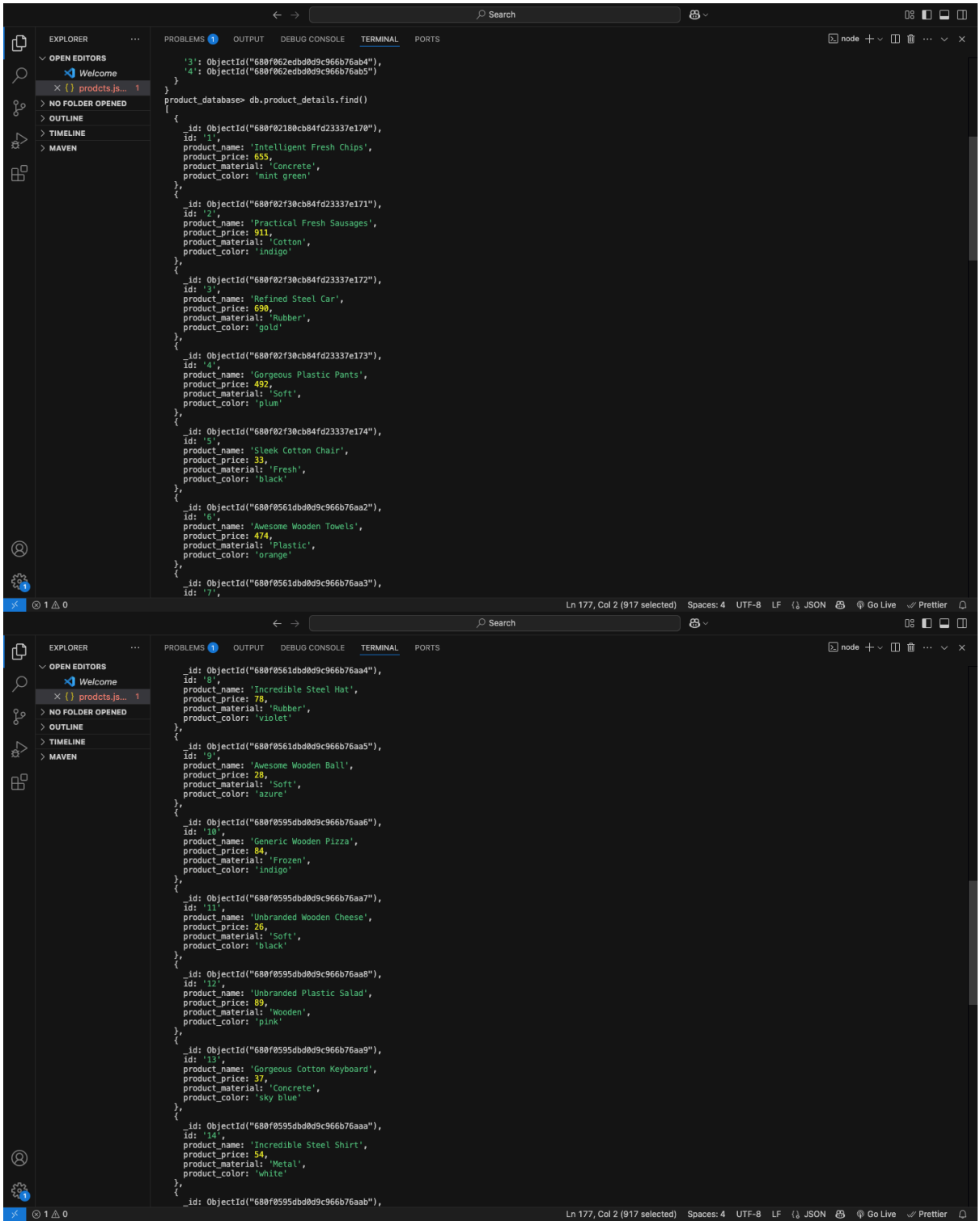
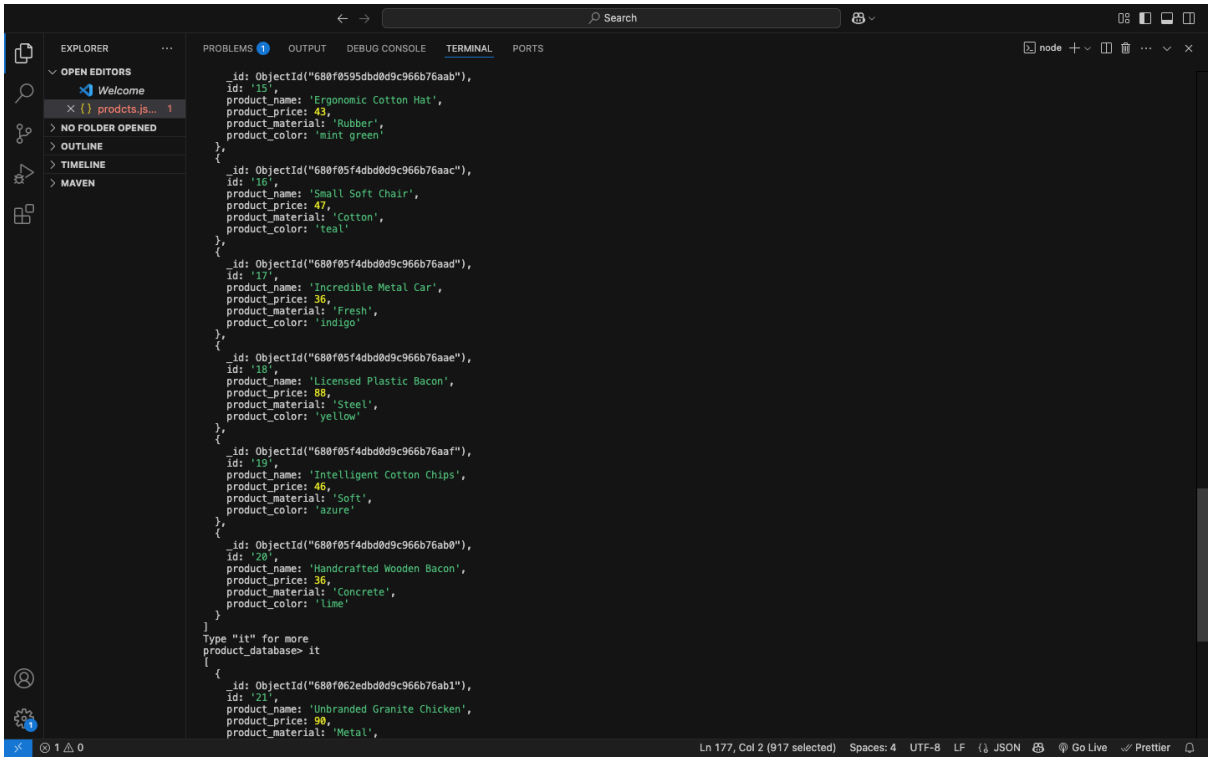
MongoDB Task

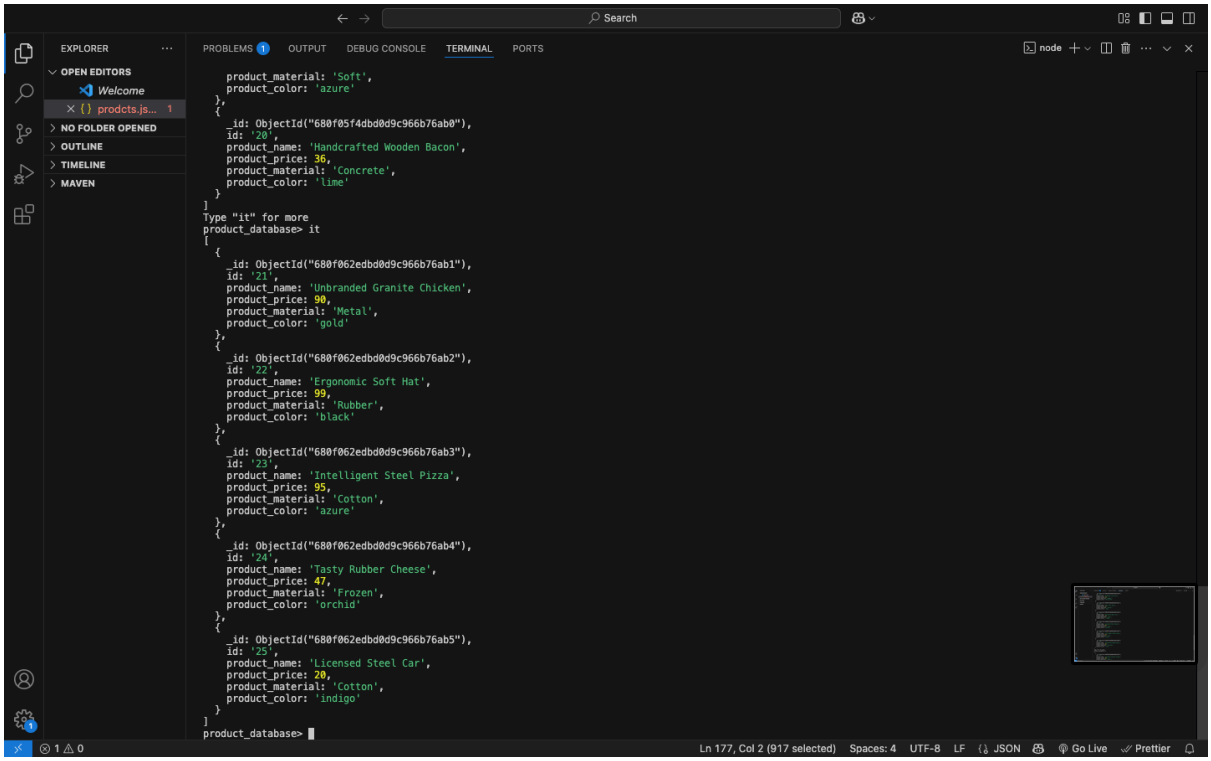
1. Find all the information about each products?

   Command: db.product_details.find()

   Screen Shot of output:



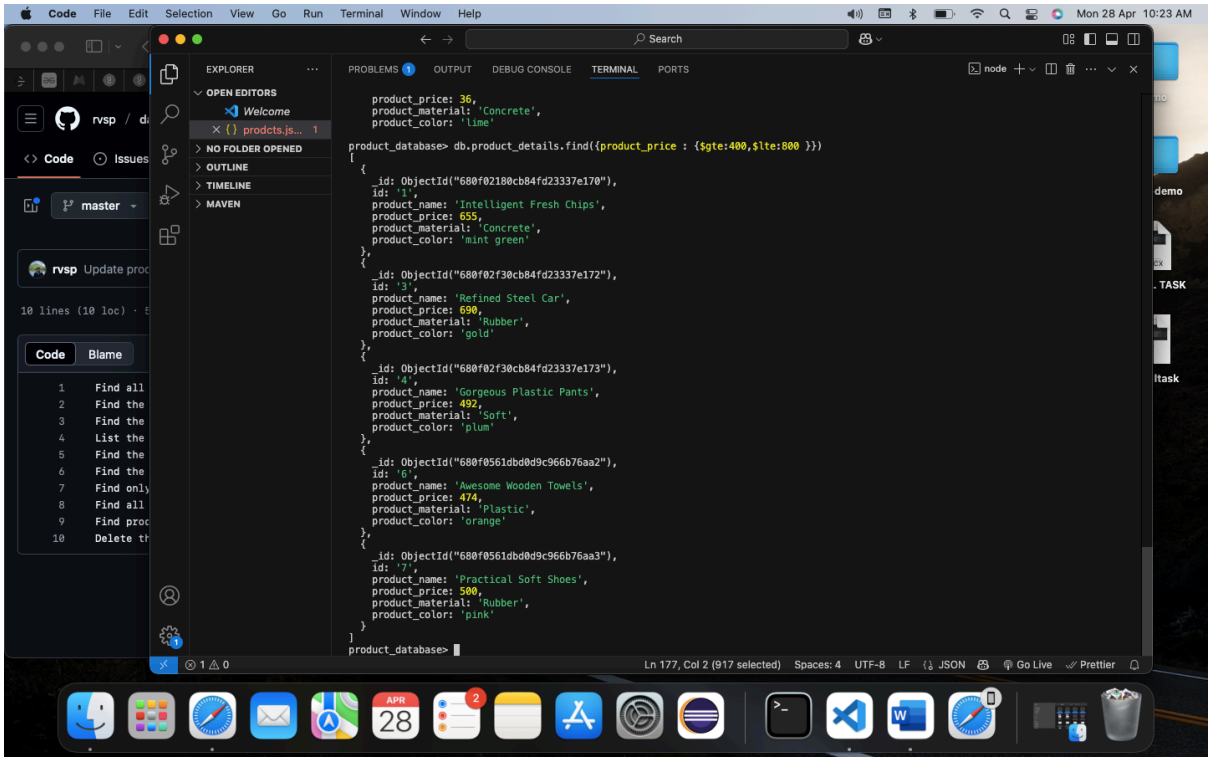

Search
EXPLORER
OPEN EDITORS
Welcome
prodcts.js... 1
NO FOLDER OPENED
OUTLINE
TIMELINE
MAVEN
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
node
_id: ObjectId("680f0595dbd0d9c966b76aab"),
id: '15',
product_name: 'Ergonomic Cotton Hat',
product_price: 43,
product_material: 'Rubber',
product_color: 'mint green'
},
{
_id: ObjectId("680f05f4dbd0d9c966b76aac"),
id: '16',
product_name: 'Small Soft Chair',
product_price: 47,
product_material: 'Cotton',
product_color: 'teal'
},
{
_id: ObjectId("680f05f4dbd0d9c966b76aad"),
id: '17',
product_name: 'Incredible Metal Car',
product_price: 36,
product_material: 'Fresh',
product_color: 'indigo'
},
{
_id: ObjectId("680f05f4dbd0d9c966b76aae"),
id: '18',
product_name: 'Licensed Plastic Bacon',
product_price: 88,
product_material: 'Steel',
product_color: 'yellow'
},
{
_id: ObjectId("680f05f4dbd0d9c966b76aaf"),
id: '19',
product_name: 'Intelligent Cotton Chips',
product_price: 46,
product_material: 'Soft',
product_color: 'azure'
},
{
_id: ObjectId("680f05f4dbd0d9c966b76ab0"),
id: '20',
product_name: 'Handcrafted Wooden Bacon',
product_price: 36,
product_material: 'Concrete',
product_color: 'lime'
}
]
Type "it" for more
product_database> it
[
{
_id: ObjectId("680f062edbd0d9c966b76ab1"),
id: '21',
product_name: 'Unbranded Granite Chicken',
product_price: 90,
product_material: 'Metal',
Ln 177, Col 2 (917 selected)
Spaces: 4
UTF-8
LF
JSON
Go Live
Prettier


Search
EXPLORER
OPEN EDITORS
Welcome
prodcts.js... 1
NO FOLDER OPENED
OUTLINE
TIMELINE
MAVEN
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
node
product_material: 'Soft',
product_color: 'azure'
},
{
_id: ObjectId("680f05f4dbd0d9c966b76ab0"),
id: '20',
product_name: 'Handcrafted Wooden Bacon',
product_price: 36,
product_material: 'Concrete',
product_color: 'lime'
}
]
Type "it" for more
product_database> it
[
{
_id: ObjectId("680f062edbd0d9c966b76ab1"),
id: '21',
product_name: 'Unbranded Granite Chicken',
product_price: 90,
product_material: 'Metal',
product_color: 'gold'
},
{
_id: ObjectId("680f062edbd0d9c966b76ab2"),
id: '22',
product_name: 'Ergonomic Soft Hat',
product_price: 99,
product_material: 'Rubber',
product_color: 'black'
},
{
_id: ObjectId("680f062edbd0d9c966b76ab3"),
id: '23',
product_name: 'Intelligent Steel Pizza',
product_price: 95,
product_material: 'Cotton',
product_color: 'azure'
},
{
_id: ObjectId("680f062edbd0d9c966b76ab4"),
id: '24',
product_name: 'Tasty Rubber Cheese',
product_price: 47,
product_material: 'Frozen',
product_color: 'orchid'
},
{
_id: ObjectId("680f062edbd0d9c966b76ab5"),
id: '25',
product_name: 'Licensed Steel Car',
product_price: 20,
product_material: 'Cotton',
product_color: 'indigo'
}
]
product_database>
Ln 177, Col 2 (917 selected)
Spaces: 4
UTF-8
LF
JSON
Go Live
Prettier

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

Command: db.product_details.find({product_price : {$gte:400,$lte:800 }})

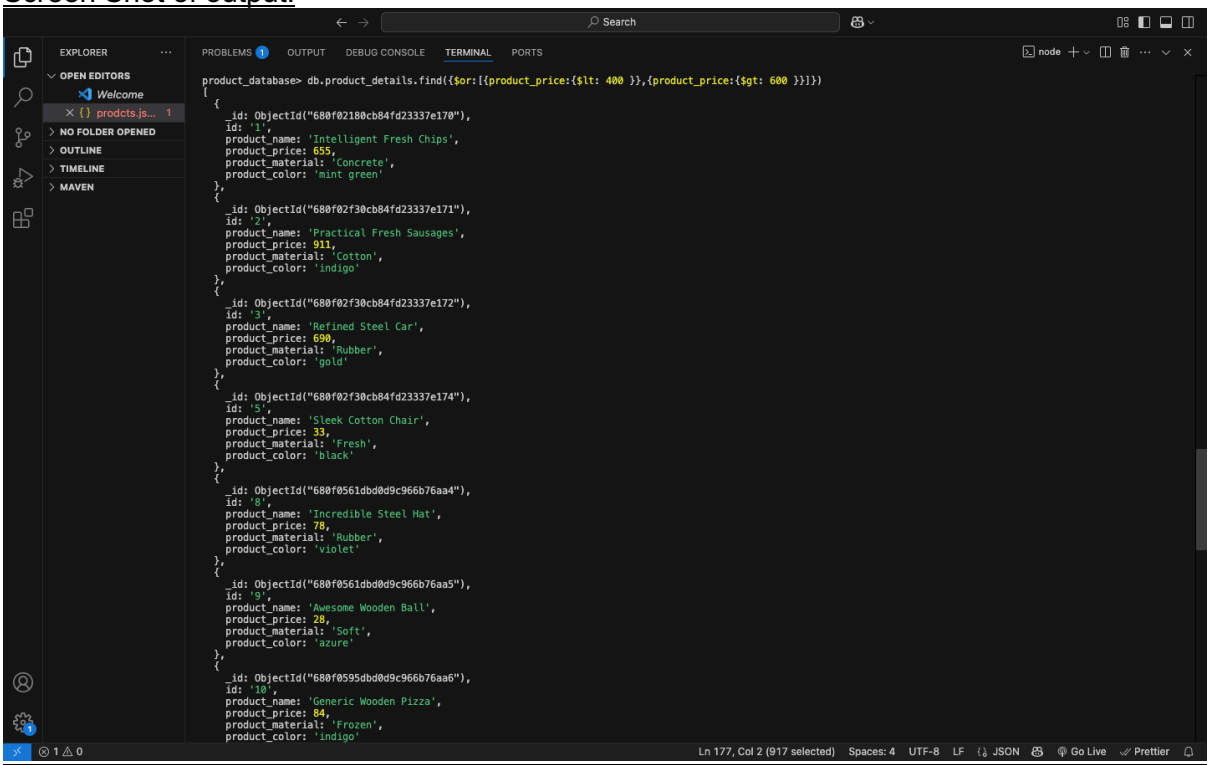
Screen Shot of output:

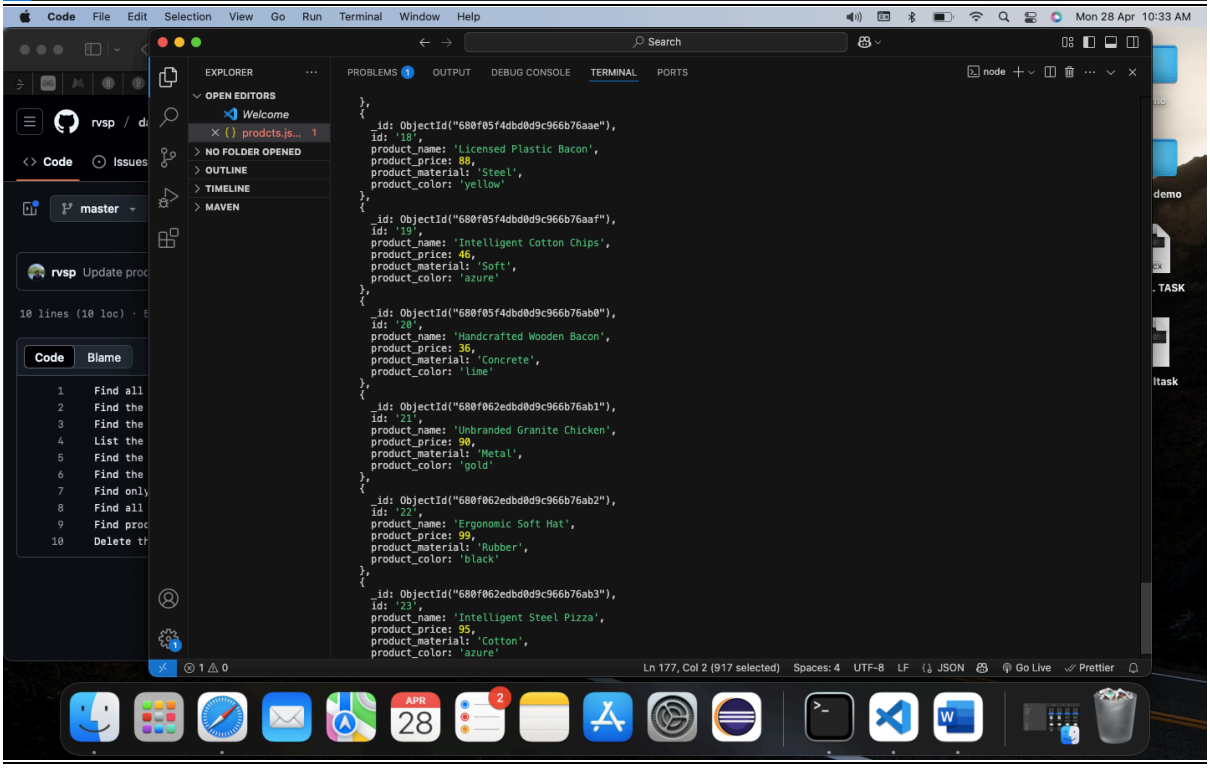


3. Find the product price which are not between 400 to 600?

Command: db.product_details.find({
$or:[
{product_price:{$lt: 400 }},
{product_price:{$gt: 600 }}
]
})

Screen Shot of output:

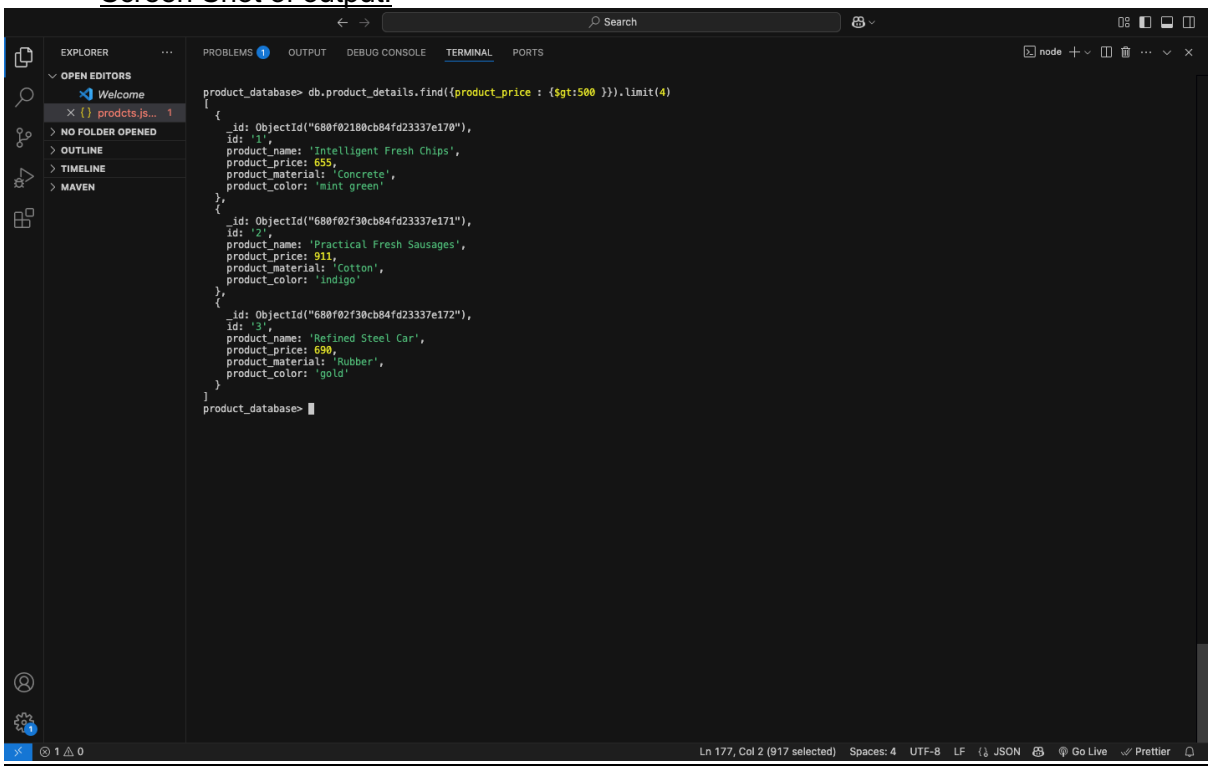




4. List the four product which are greater than 500 in price ?

Command: db.product_details.find({product_price : {$gt:500 }}).limit(4)

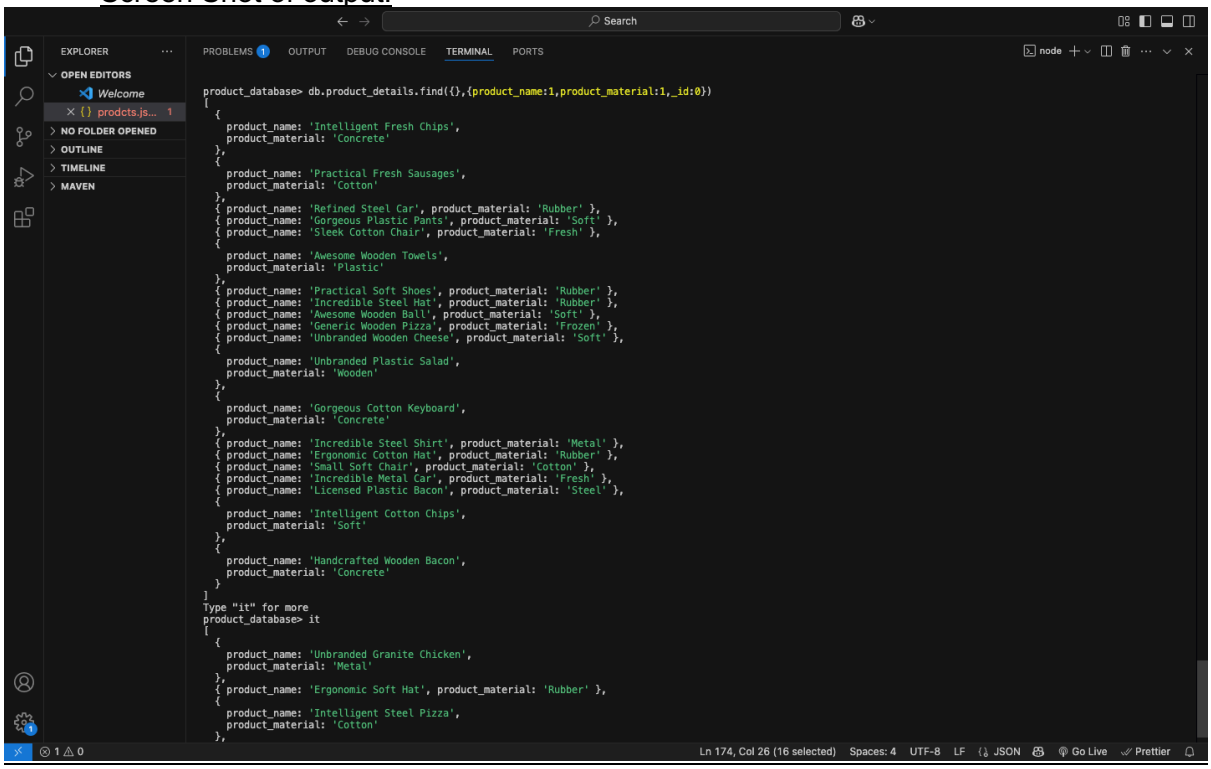
Screen Shot of output:



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

Command: db.product_details.find({},{product_name:1,product_material:1,_id:0})

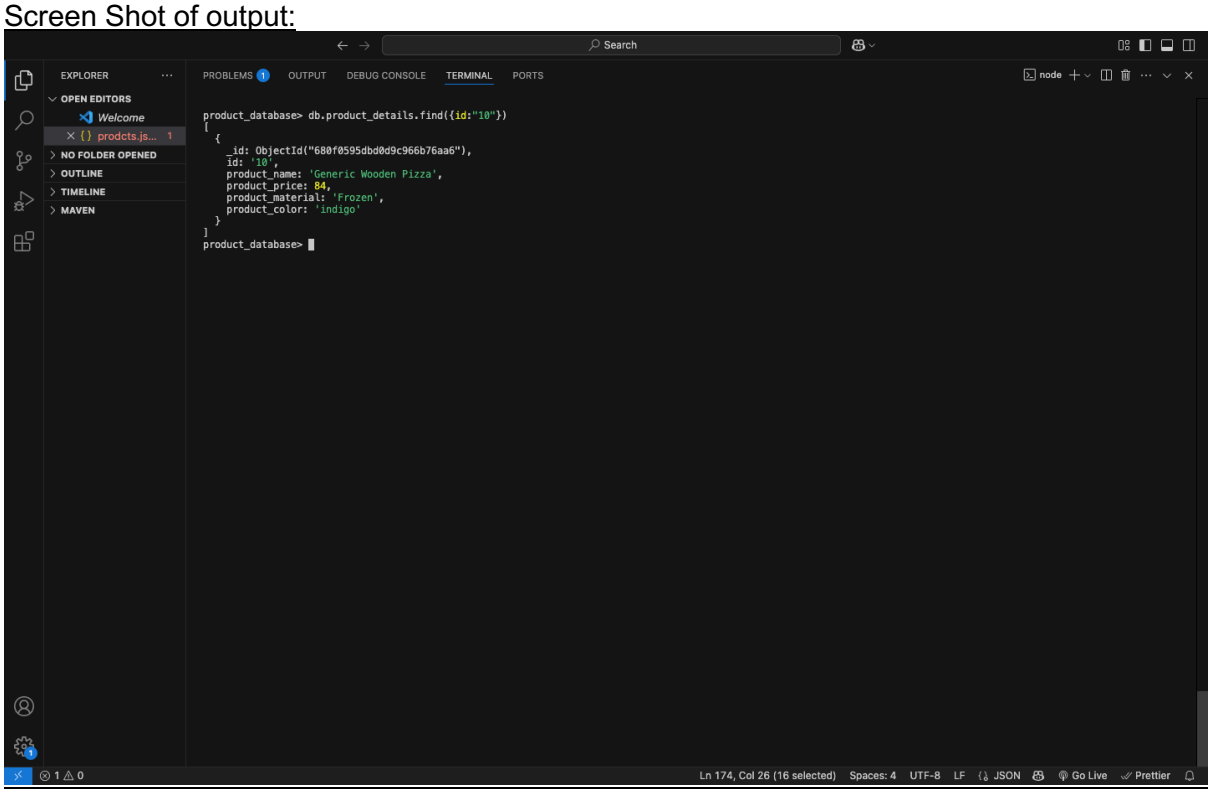
Screen Shot of output:



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

Command: db.product_details.find({id:"10"})

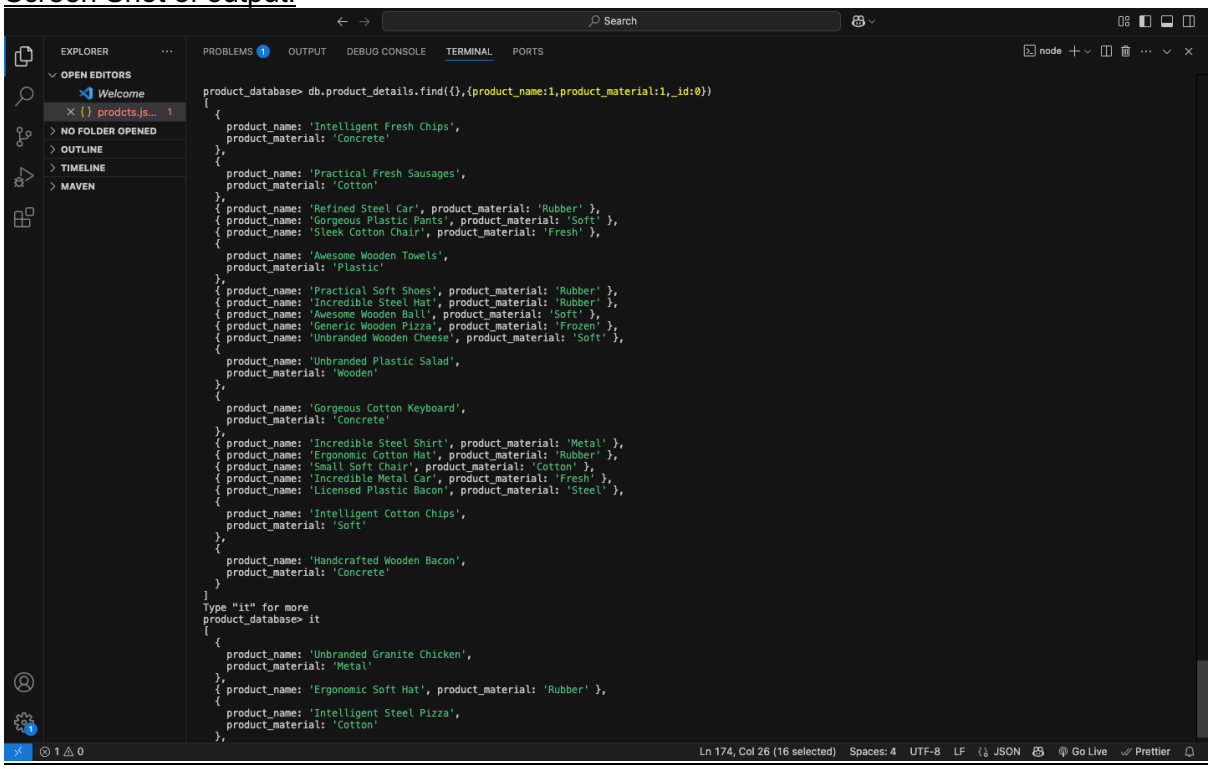
Screen Shot of output:



7. Find only the product name and product material?

Command: db.product_details.find({},{product_name:1,product_material:1,_id:0})

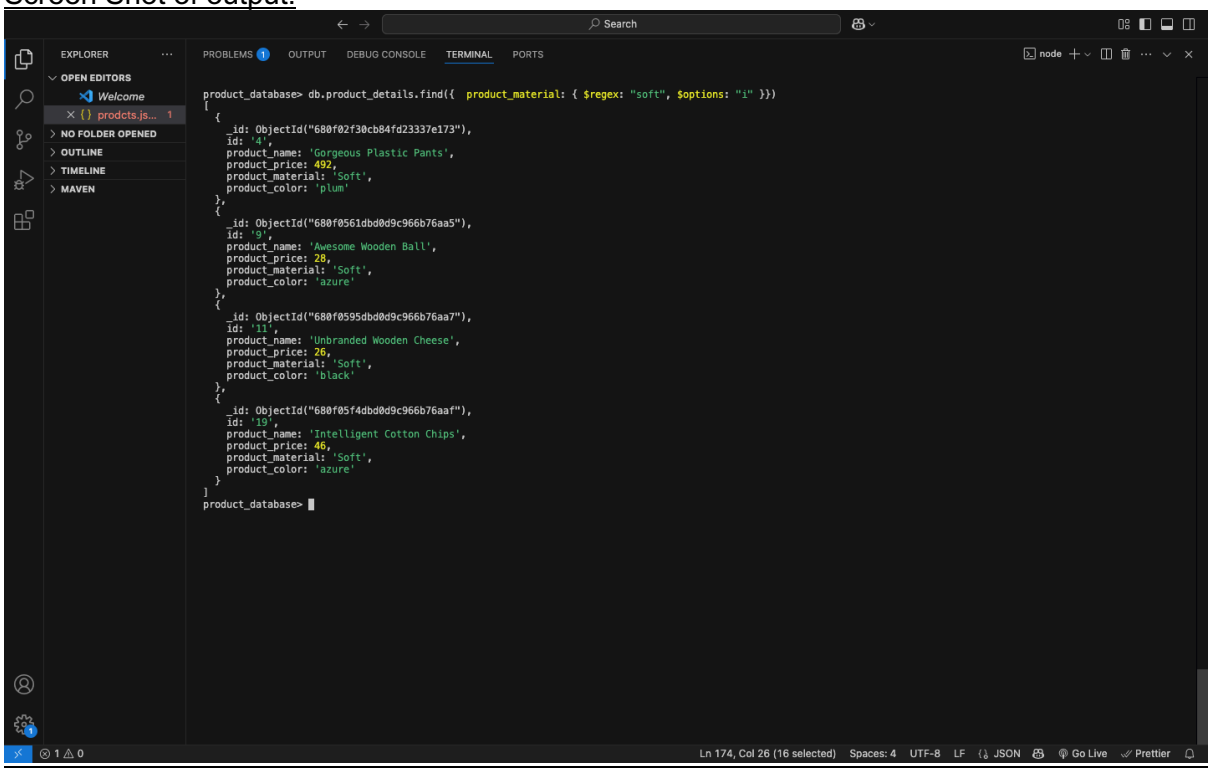
Screen Shot of output:



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

Command: db.product_details.find({ product_material: { $regex: "soft", $options: "i" }})

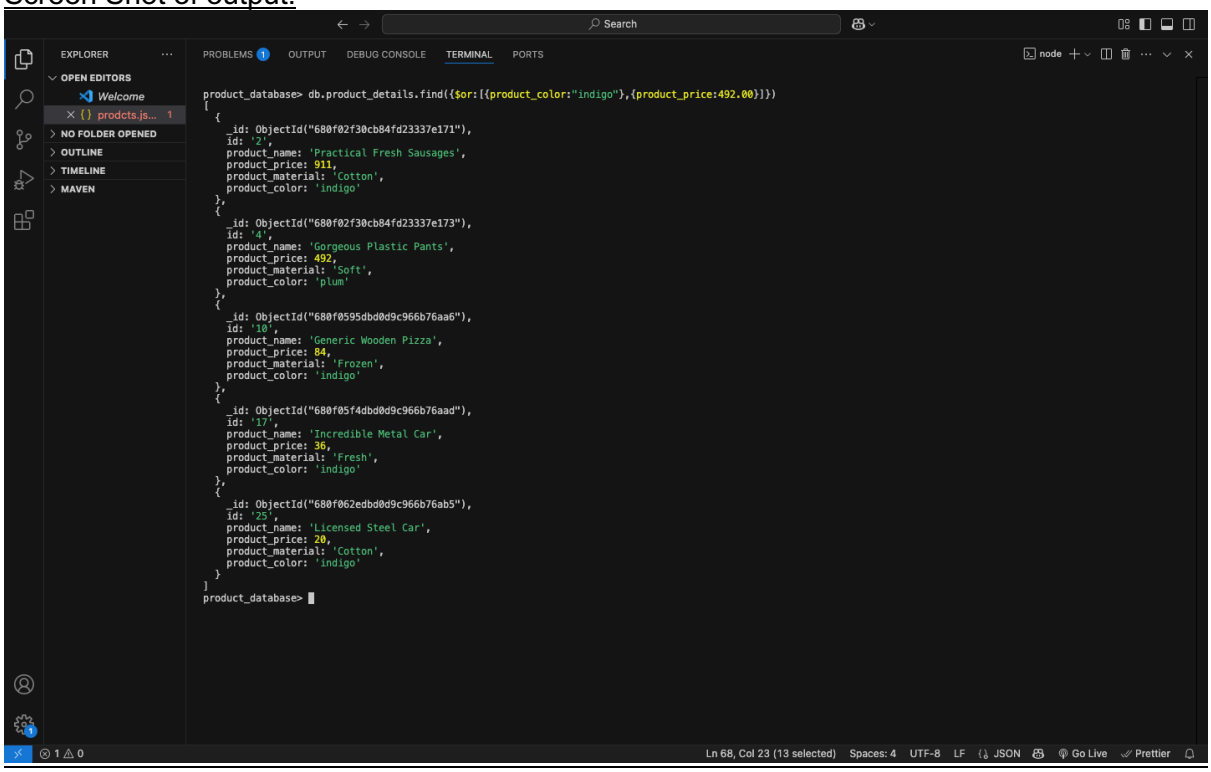
Screen Shot of output:



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

Command:
db.product_details.find({$or:[{product_color:"indigo"},{product_price:492.00}]})

Screen Shot of output:



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

Command: db.product_details.deleteMany({product_price:28})

Screen Shot of output: