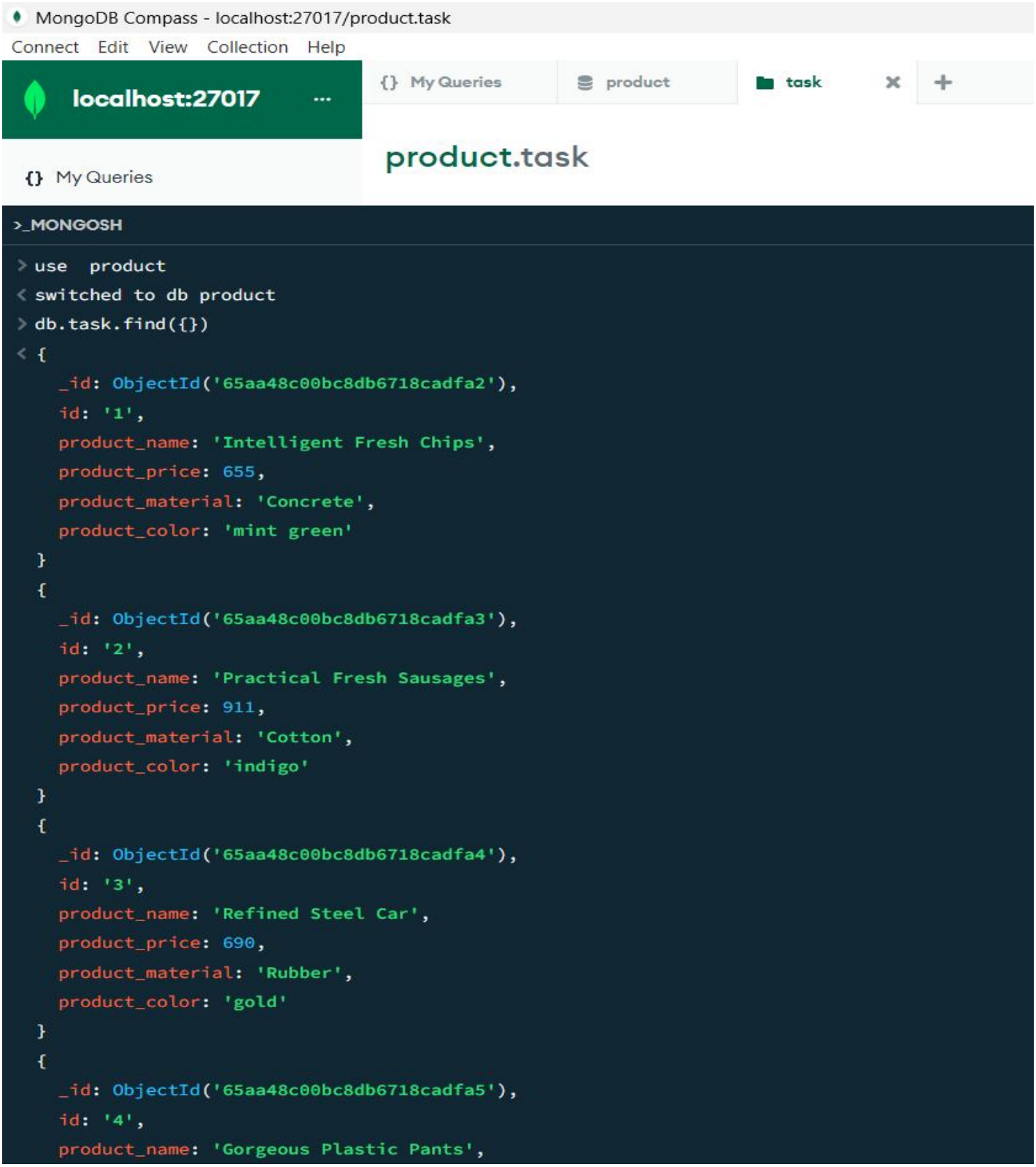
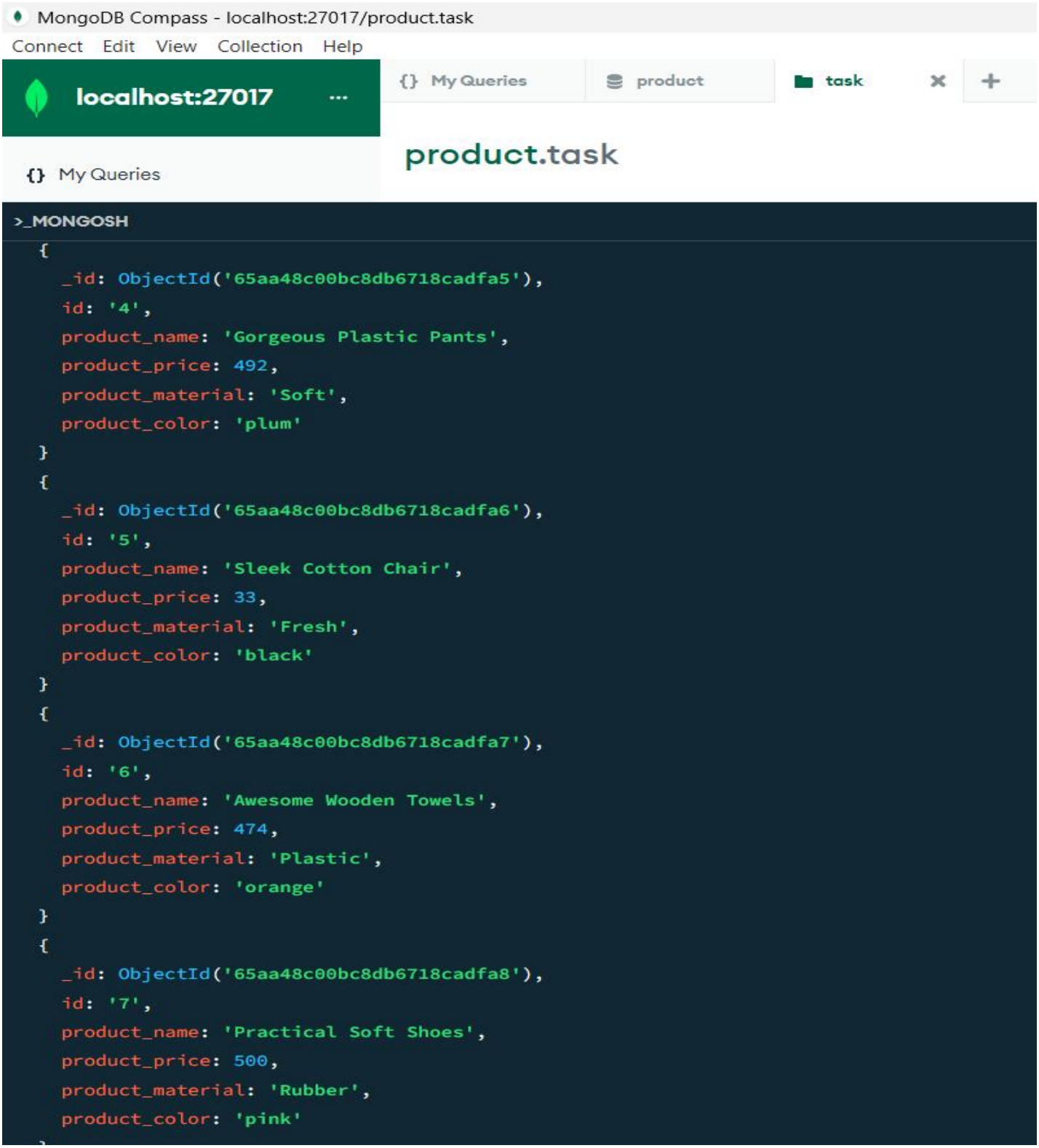
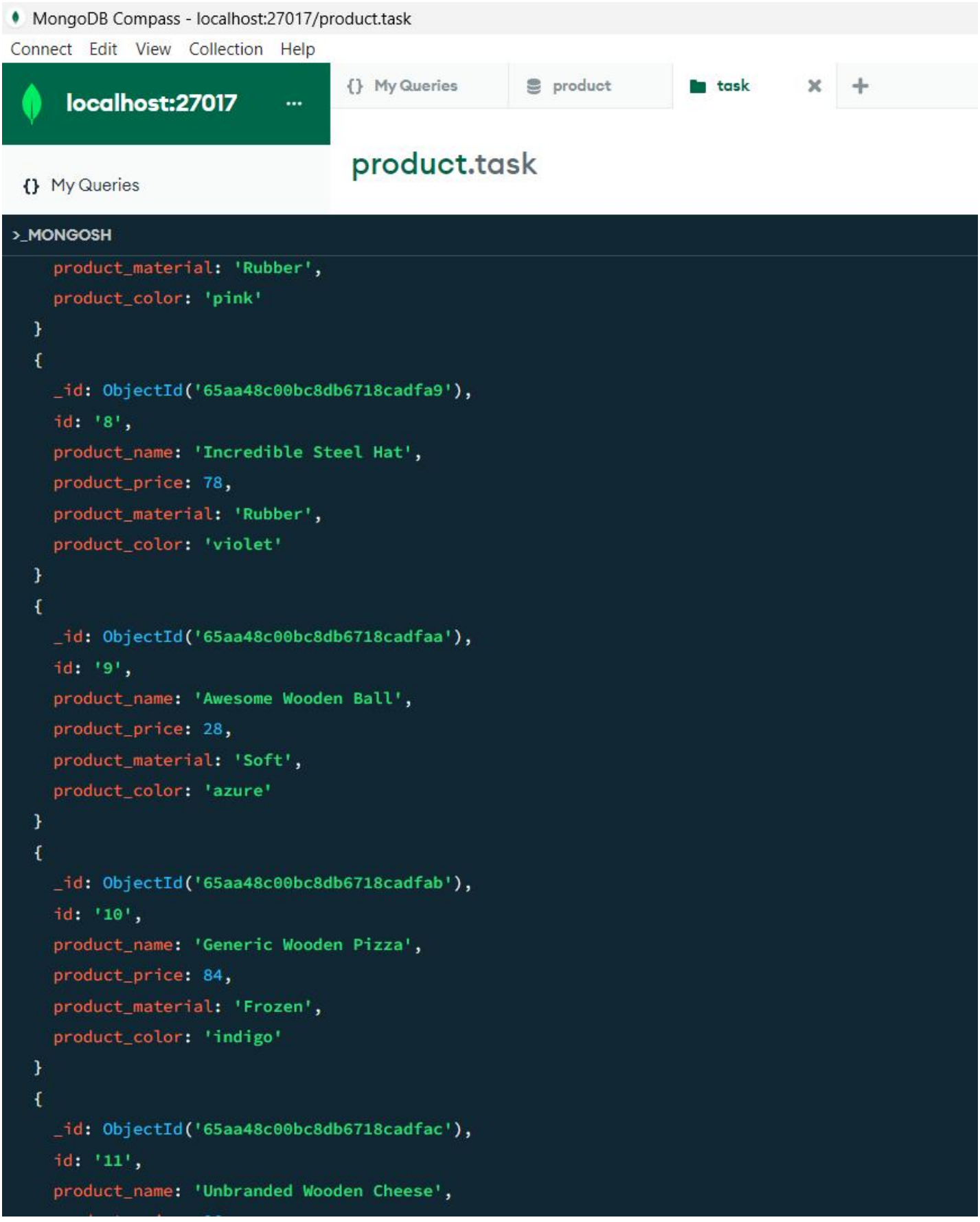
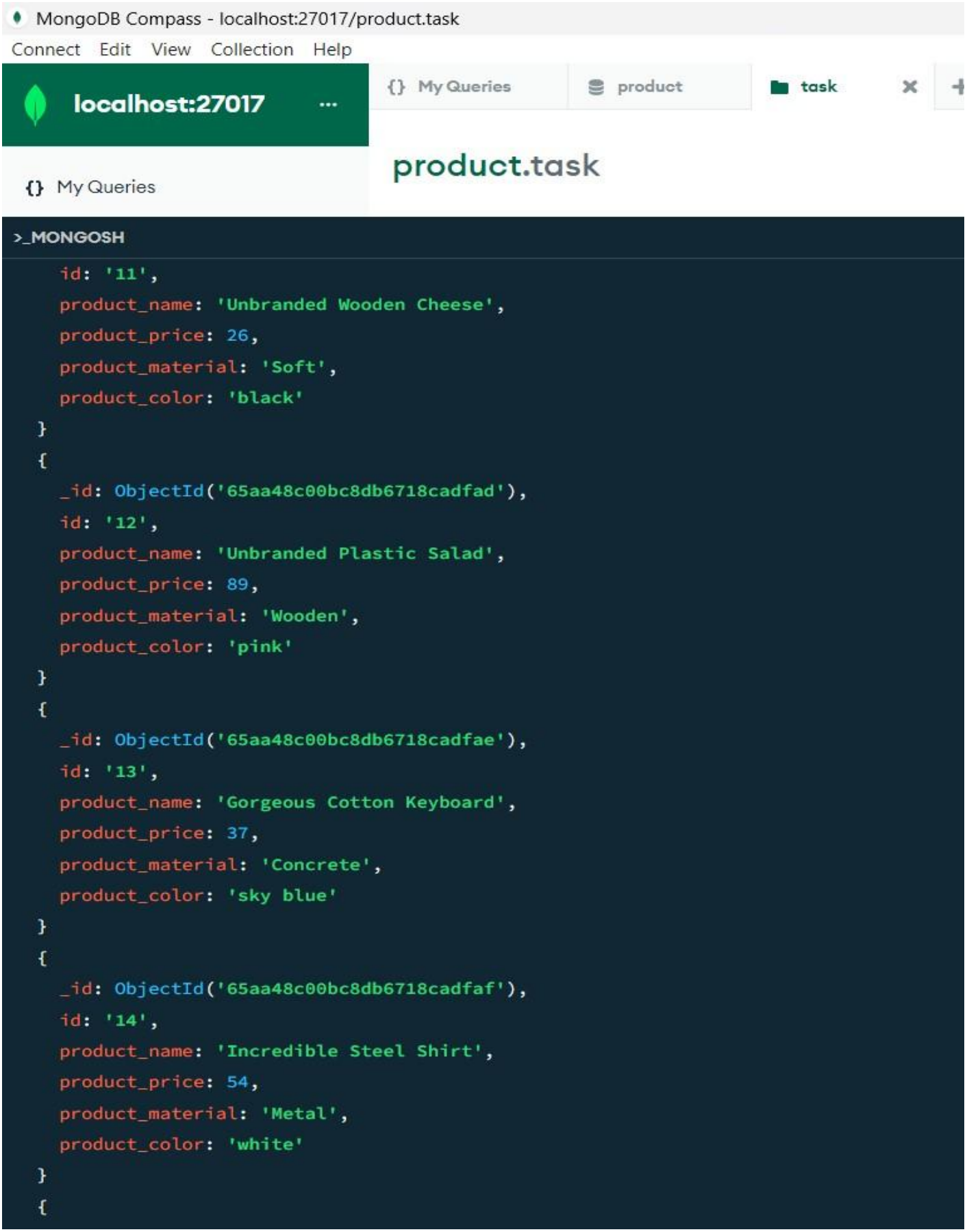
MongoDB Answer

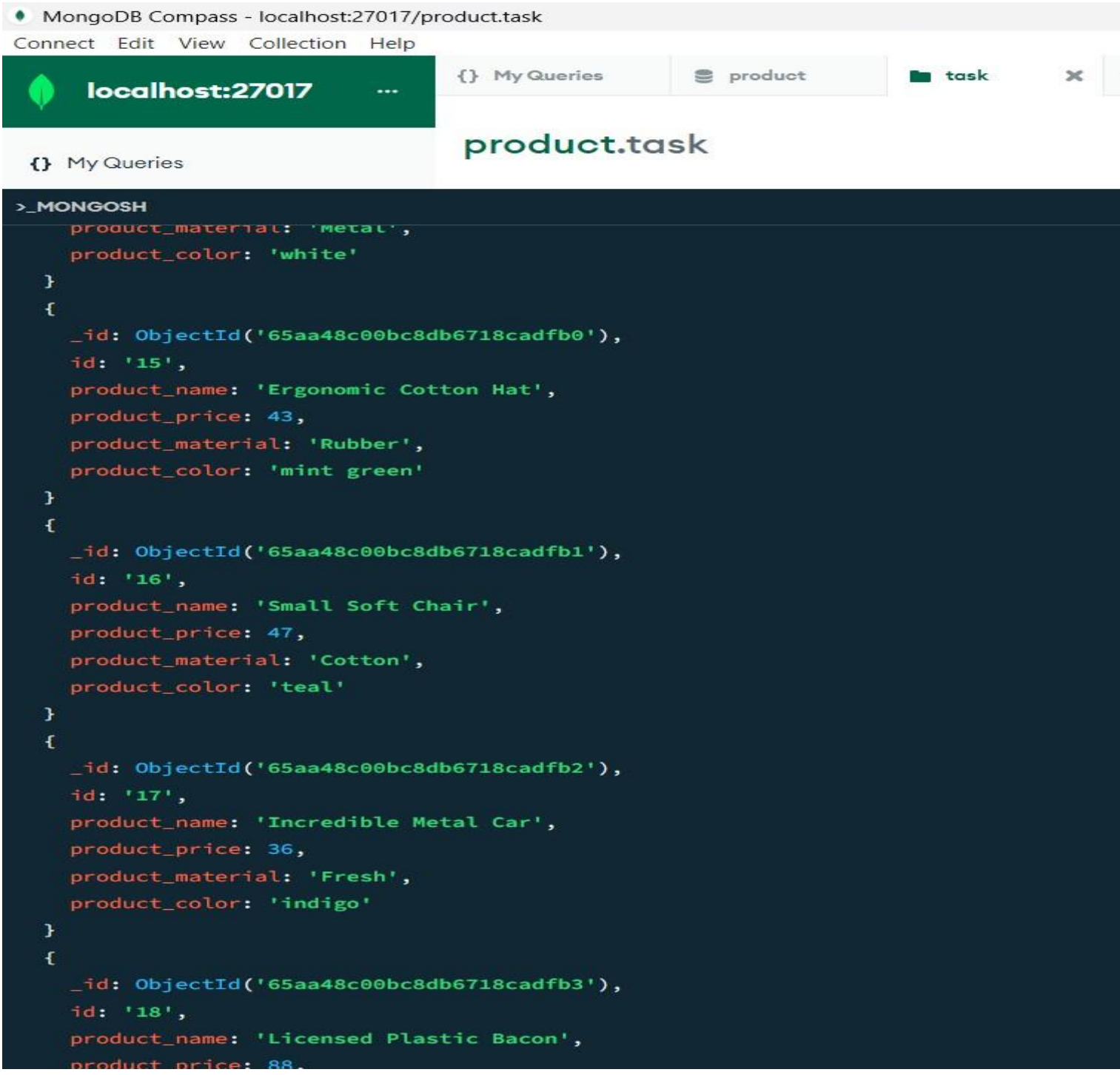
1. Find all the information about each products:

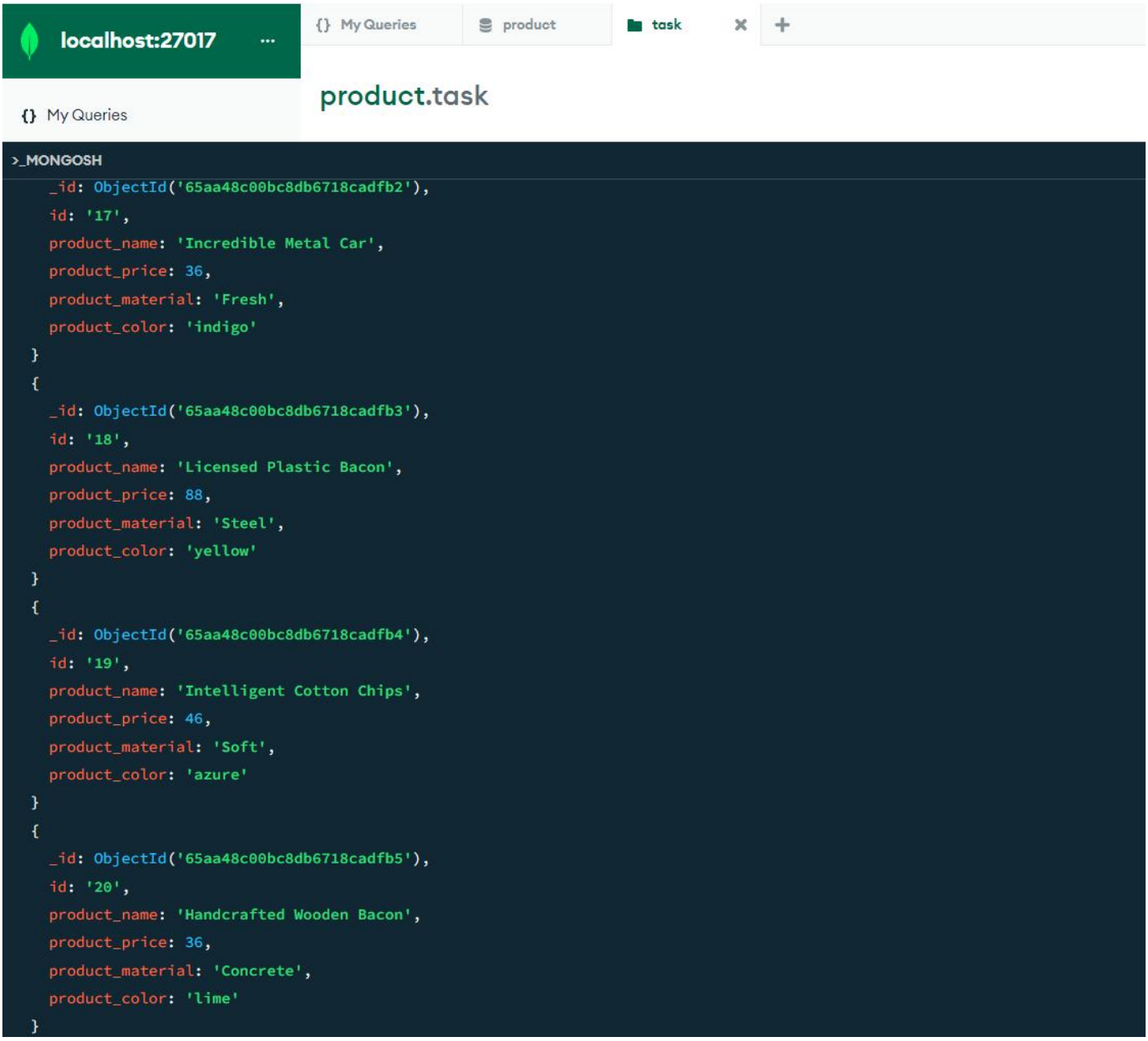


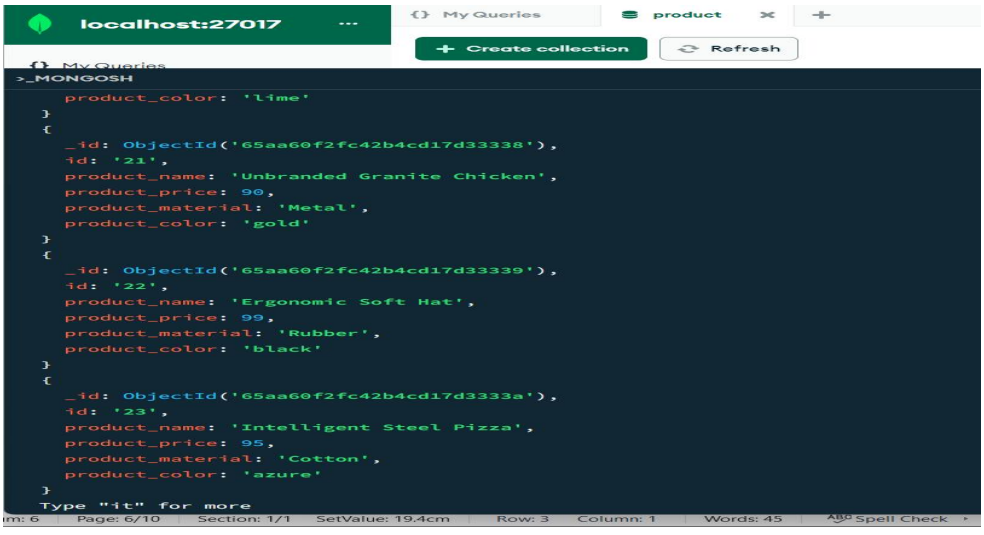

MongoDB Compass - localhost:27017/product.task
Connect Edit View Collection Help
localhost:27017
My Queries
product
task
My Queries
product.task
>_MONGOSH
{
_id: ObjectId('65aa48c00bc8db6718cadfa5'),
id: '4',
product_name: 'Gorgeous Plastic Pants',
product_price: 492,
product_material: 'Soft',
product_color: 'plum'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfa6'),
id: '5',
product_name: 'Sleek Cotton Chair',
product_price: 33,
product_material: 'Fresh',
product_color: 'black'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfa7'),
id: '6',
product_name: 'Awesome Wooden Towels',
product_price: 474,
product_material: 'Plastic',
product_color: 'orange'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfa8'),
id: '7',
product_name: 'Practical Soft Shoes',
product_price: 500,
product_material: 'Rubber',
product_color: 'pink'


MongoDB Compass - localhost:27017/product.task
Connect Edit View Collection Help
localhost:27017
My Queries
product
task
My Queries
product.task
>_MONGOSH
product_material: 'Rubber',
product_color: 'pink'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfa9'),
id: '8',
product_name: 'Incredible Steel Hat',
product_price: 78,
product_material: 'Rubber',
product_color: 'violet'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfaa'),
id: '9',
product_name: 'Awesome Wooden Ball',
product_price: 28,
product_material: 'Soft',
product_color: 'azure'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfab'),
id: '10',
product_name: 'Generic Wooden Pizza',
product_price: 84,
product_material: 'Frozen',
product_color: 'indigo'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfac'),
id: '11',
product_name: 'Unbranded Wooden Cheese',


MongoDB Compass - localhost:27017/product.task
Connect Edit View Collection Help
localhost:27017
My Queries
product
task
My Queries
product.task
>_MONGOSH
id: '11',
product_name: 'Unbranded Wooden Cheese',
product_price: 26,
product_material: 'Soft',
product_color: 'black'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfad'),
id: '12',
product_name: 'Unbranded Plastic Salad',
product_price: 89,
product_material: 'Wooden',
product_color: 'pink'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfae'),
id: '13',
product_name: 'Gorgeous Cotton Keyboard',
product_price: 37,
product_material: 'Concrete',
product_color: 'sky blue'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfaf'),
id: '14',
product_name: 'Incredible Steel Shirt',
product_price: 54,
product_material: 'Metal',
product_color: 'white'
}
{

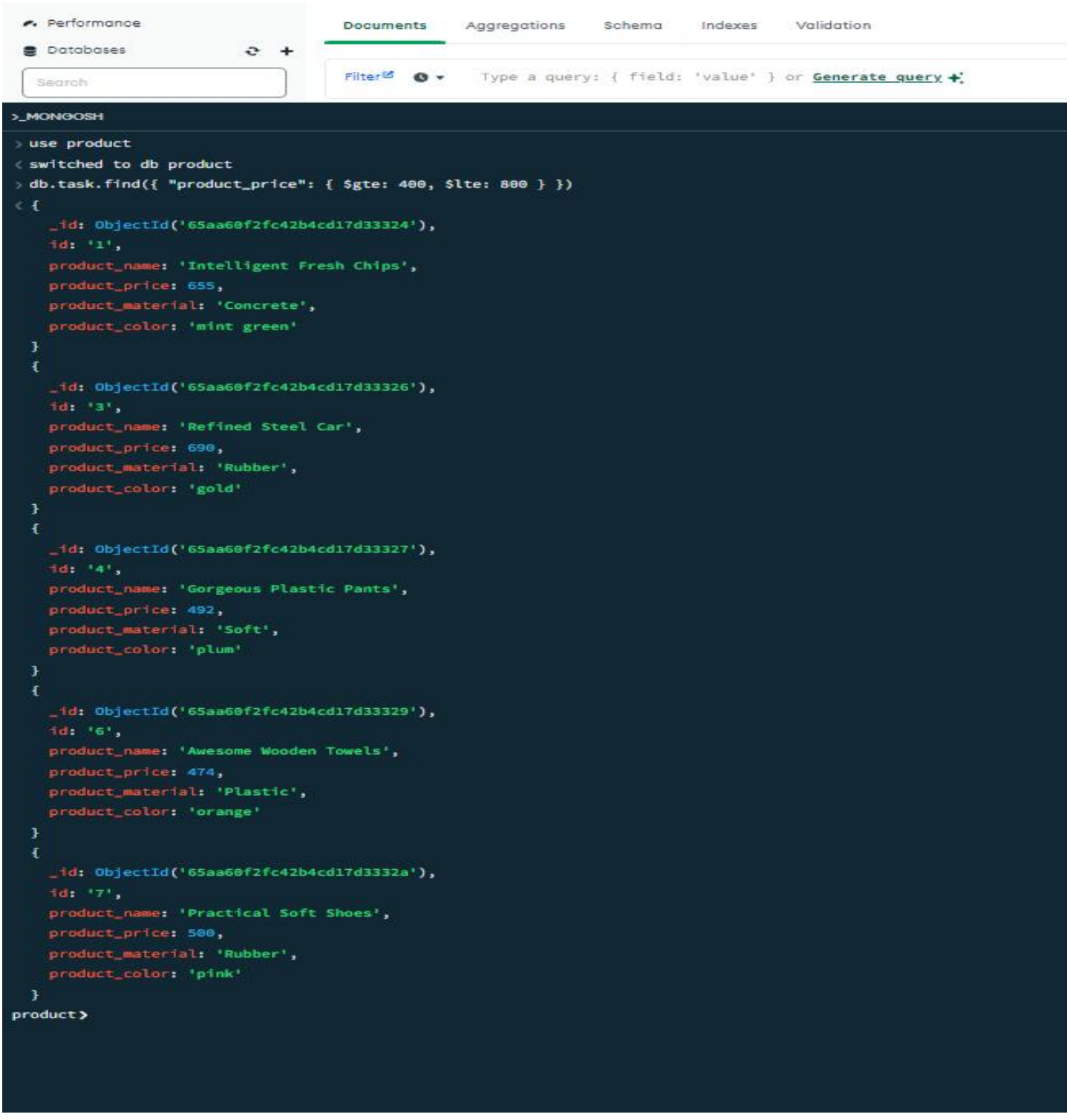

MongoDB Compass - localhost:27017/product.task
Connect Edit View Collection Help
localhost:27017
My Queries
product
task
My Queries
product.task
>_MONGOSH
product_material: 'Metal',
product_color: 'white'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfb0'),
id: '15',
product_name: 'Ergonomic Cotton Hat',
product_price: 43,
product_material: 'Rubber',
product_color: 'mint green'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfb1'),
id: '16',
product_name: 'Small Soft Chair',
product_price: 47,
product_material: 'Cotton',
product_color: 'teal'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfb2'),
id: '17',
product_name: 'Incredible Metal Car',
product_price: 36,
product_material: 'Fresh',
product_color: 'indigo'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfb3'),
id: '18',
product_name: 'Licensed Plastic Bacon',
product_price: 88,


localhost:27017
My Queries
product
task
My Queries
product.task
>_MONGOSH
_id: ObjectId('65aa48c00bc8db6718cadfb2'),
id: '17',
product_name: 'Incredible Metal Car',
product_price: 36,
product_material: 'Fresh',
product_color: 'indigo'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfb3'),
id: '18',
product_name: 'Licensed Plastic Bacon',
product_price: 88,
product_material: 'Steel',
product_color: 'yellow'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfb4'),
id: '19',
product_name: 'Intelligent Cotton Chips',
product_price: 46,
product_material: 'Soft',
product_color: 'azure'
}
{
_id: ObjectId('65aa48c00bc8db6718cadfb5'),
id: '20',
product_name: 'Handcrafted Wooden Bacon',
product_price: 36,
product_material: 'Concrete',
product_color: 'lime'
}

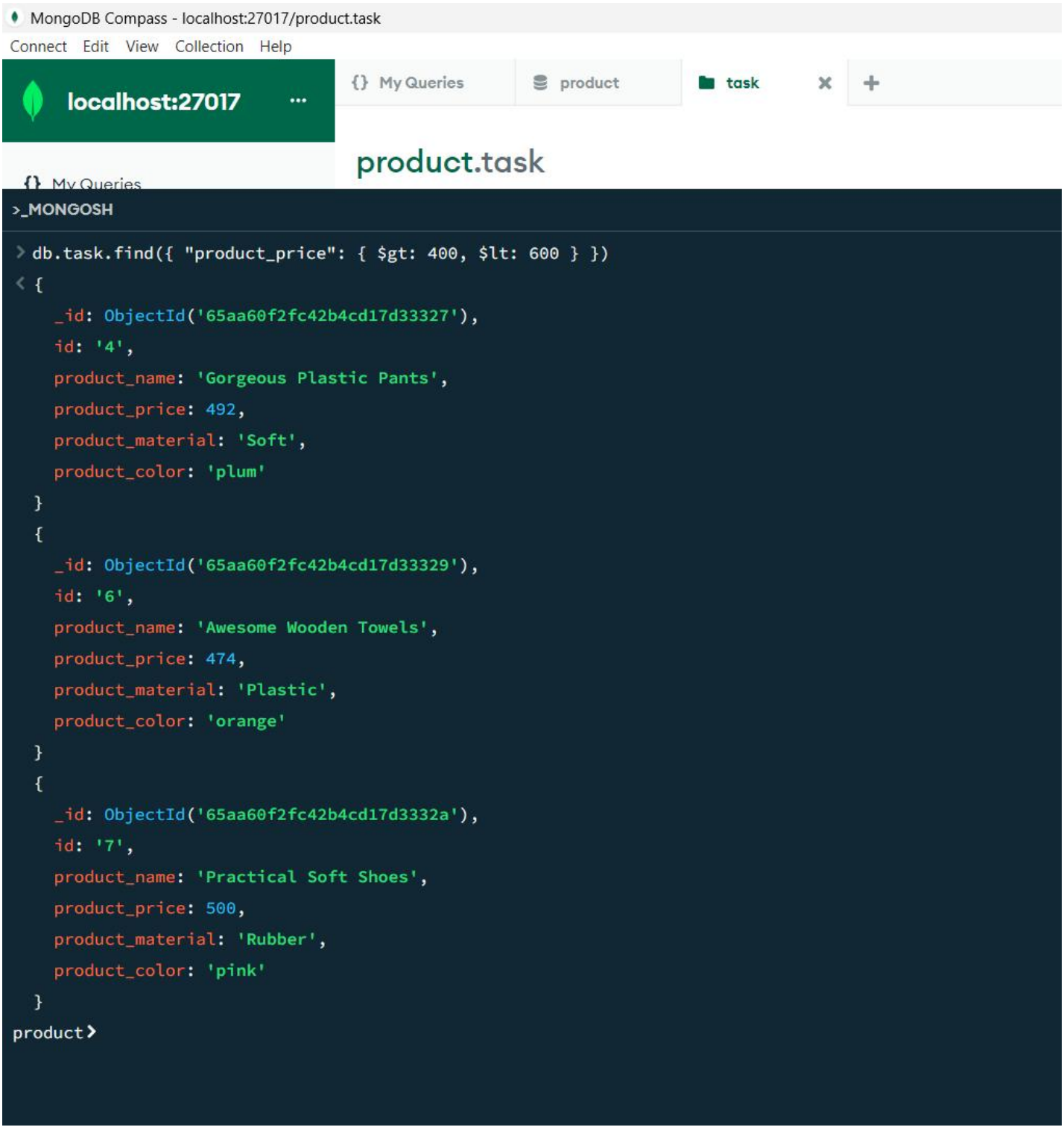

localhost:27017
My Queries
product
Create collection
Refresh
>_MONGOSH
product_color: 'lime'
}
{
_id: ObjectId('65aa60f2fc42b4cd17d33338'),
id: '21',
product_name: 'Unbranded Granite Chicken',
product_price: 90,
product_material: 'Metal',
product_color: 'gold'
}
{
_id: ObjectId('65aa60f2fc42b4cd17d33339'),
id: '22',
product_name: 'Ergonomic Soft Hat',
product_price: 99,
product_material: 'Rubber',
product_color: 'black'
}
{
_id: ObjectId('65aa60f2fc42b4cd17d3333a'),
id: '23',
product_name: 'Intelligent Steel Pizza',
product_price: 95,
product_material: 'Cotton',
product_color: 'azure'
}
Type "it" for more

localhost:27017
My Queries
product
Create collection
Refresh
My Queries
>_MONGOSH
{
_id: ObjectId('65aa60f2fc42b4cd17d3333a'),
id: '23',
product_name: 'Intelligent Steel Pizza',
product_price: 95,
product_material: 'Cotton',
product_color: 'azure'
}
Type "it" for more
> it
< {
_id: ObjectId('65aa60f2fc42b4cd17d3333b'),
id: '24',
product_name: 'Tasty Rubber Cheese',
product_price: 47,
product_material: 'Frozen',
product_color: 'orchid'
}
{
_id: ObjectId('65aa60f2fc42b4cd17d3333c'),
id: '25',
product_name: 'Licensed Steel Car',
product_price: 20,
product_material: 'Cotton',
product_color: 'indigo'
}
product>

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



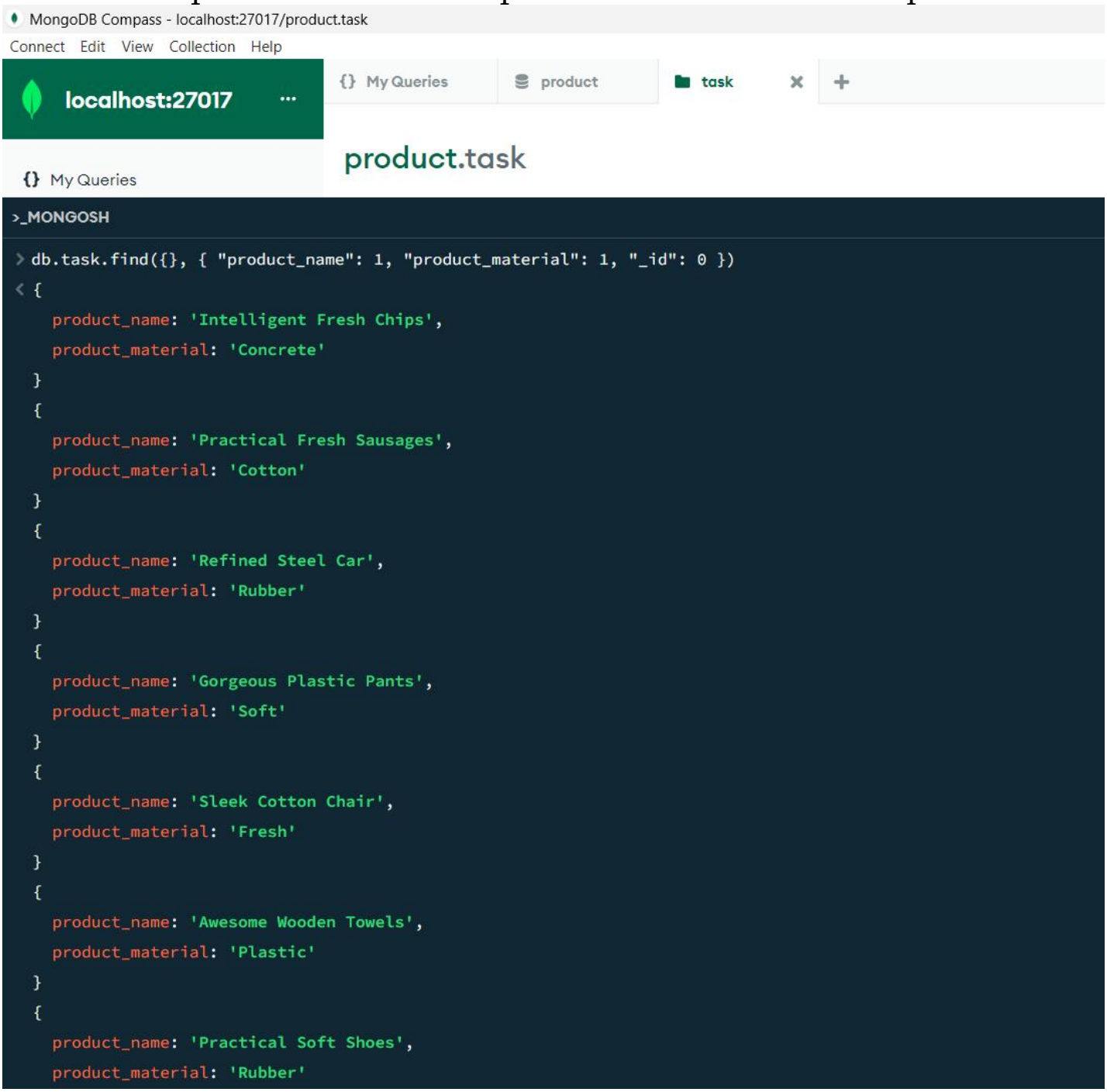
3)Find the product price which are not between 400 to 600

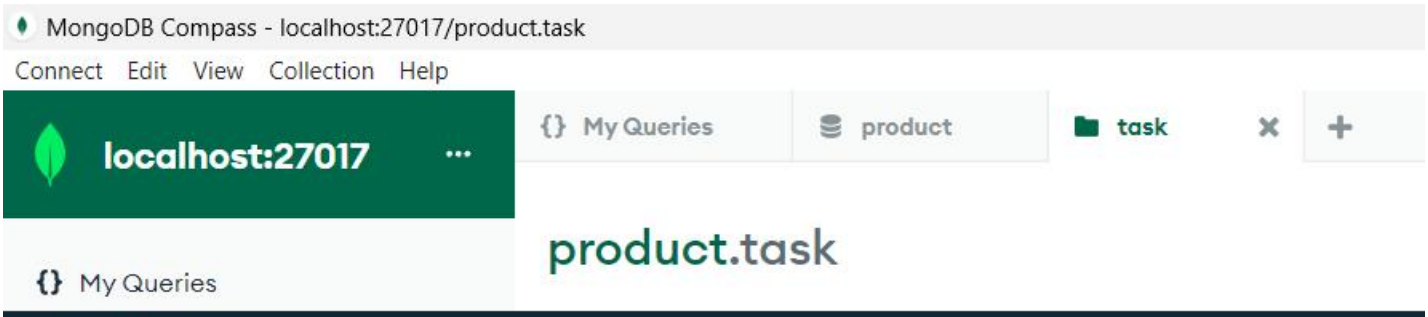


4) List the four product which are grater than 500 in price

```
>_MONGOSH
> db.task.find({ "product_price": { $gt: 500 } }).limit(4)
< {
    _id: ObjectId('65aa48c00bc8db6718cadfa2'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
  {
    _id: ObjectId('65aa48c00bc8db6718cadfa3'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
  {
    _id: ObjectId('65aa48c00bc8db6718cadfa4'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
> db.task.find({}, { "product_name": 1, "product_material": 1, "_id": 0
```

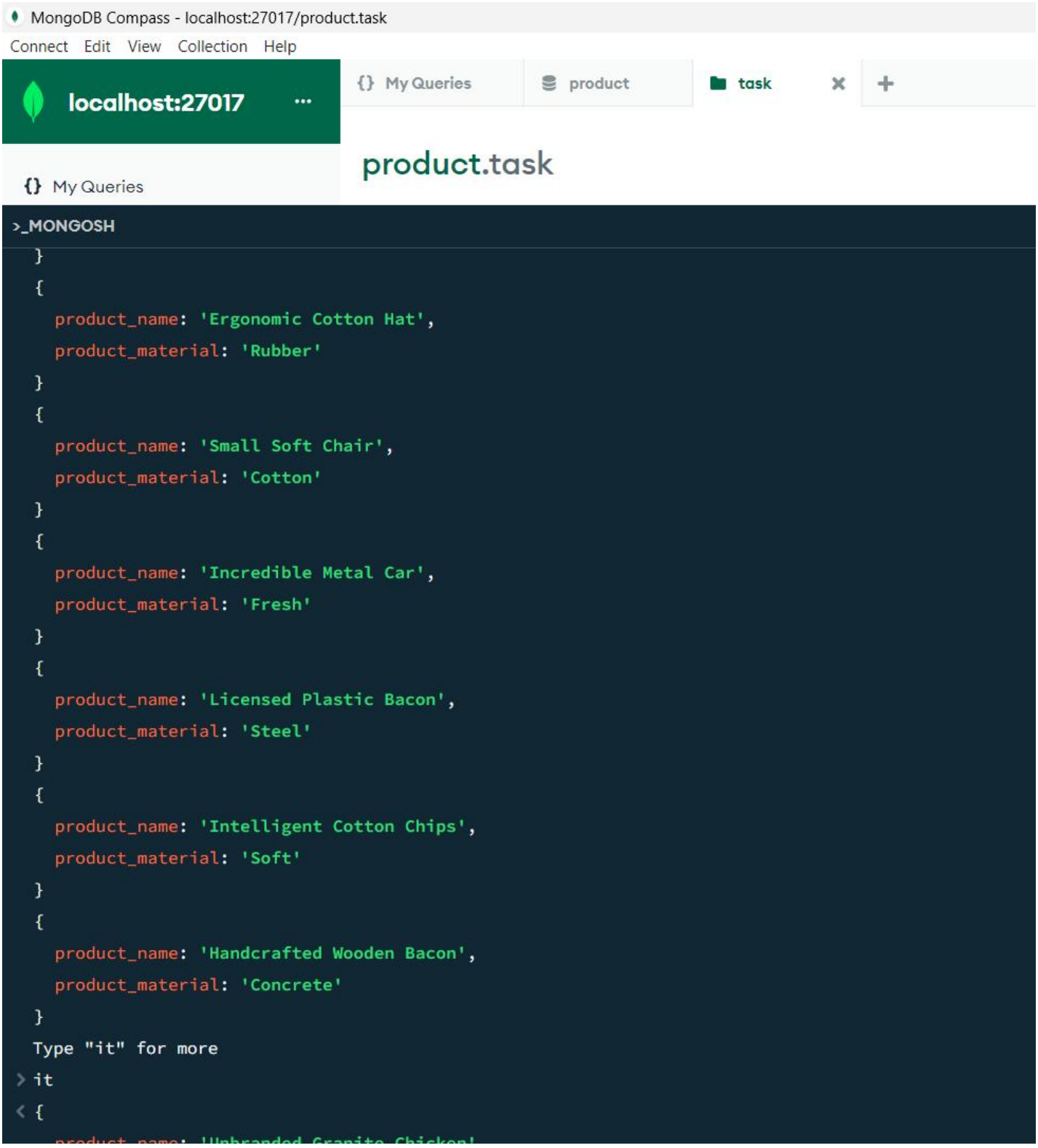
5. Find the product name and product material of each products

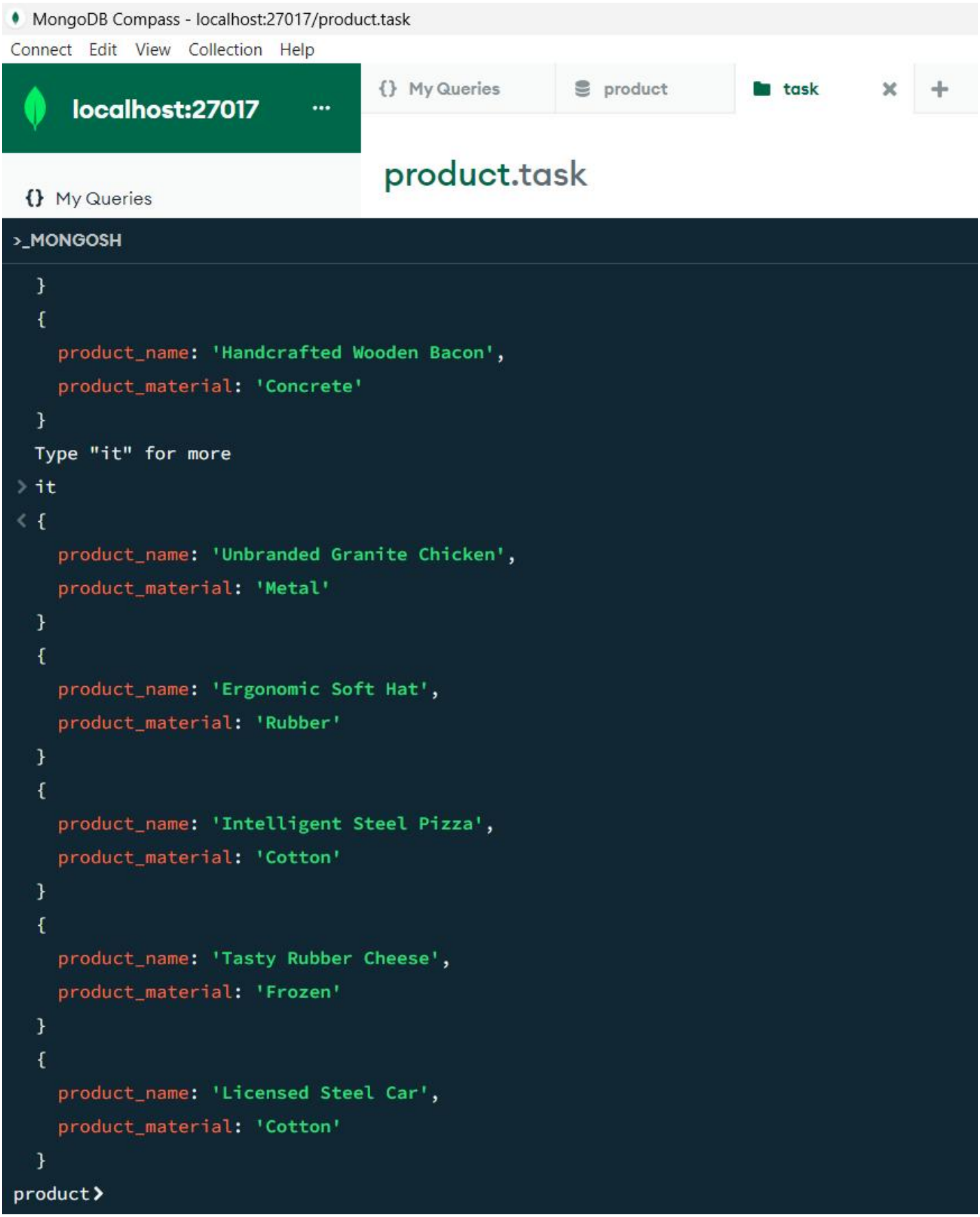




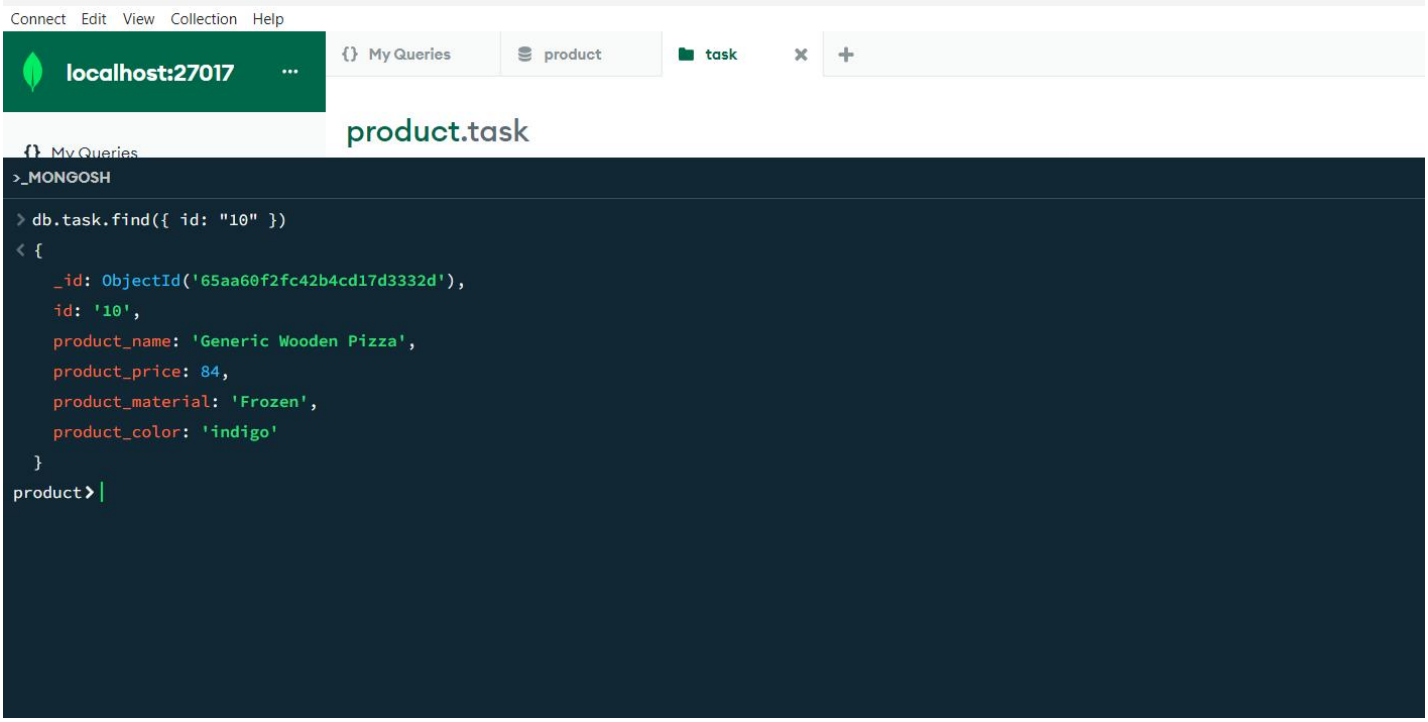
>_MONGOSH

```
}
{
  product_name: 'Incredible Steel Hat',
  product_material: 'Rubber'
}
{
  product_name: 'Awesome Wooden Ball',
  product_material: 'Soft'
}
{
  product_name: 'Generic Wooden Pizza',
  product_material: 'Frozen'
}
{
  product_name: 'Unbranded Wooden Cheese',
  product_material: 'Soft'
}
{
  product_name: 'Unbranded Plastic Salad',
  product_material: 'Wooden'
}
{
  product_name: 'Gorgeous Cotton Keyboard',
  product_material: 'Concrete'
}
{
  product_name: 'Incredible Steel Shirt',
  product_material: 'Metal'
```


MongoDB Compass - localhost:27017/product.task
Connect Edit View Collection Help
localhost:27017
My Queries
product
task
My Queries
product.task
>_MONGOSH
}
{
product_name: 'Ergonomic Cotton Hat',
product_material: 'Rubber'
}
{
product_name: 'Small Soft Chair',
product_material: 'Cotton'
}
{
product_name: 'Incredible Metal Car',
product_material: 'Fresh'
}
{
product_name: 'Licensed Plastic Bacon',
product_material: 'Steel'
}
{
product_name: 'Intelligent Cotton Chips',
product_material: 'Soft'
}
{
product_name: 'Handcrafted Wooden Bacon',
product_material: 'Concrete'
}
Type "it" for more
it
{

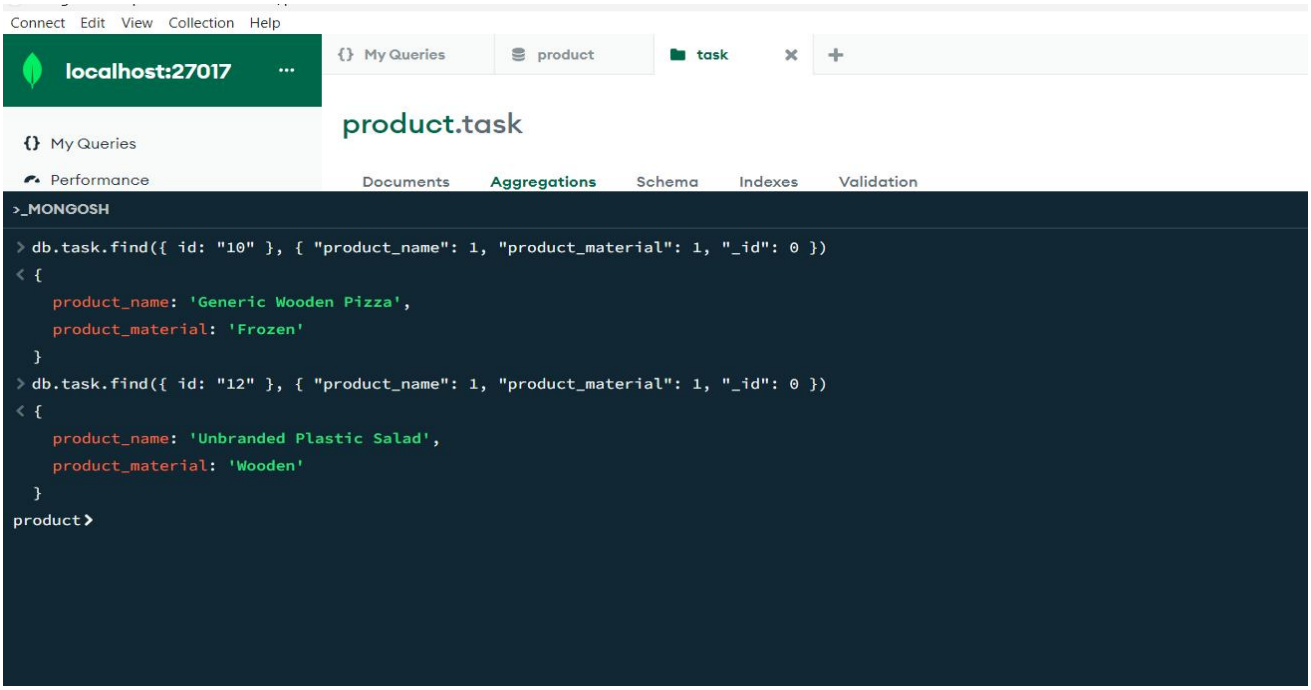

MongoDB Compass - localhost:27017/product.task
Connect Edit View Collection Help
localhost:27017
My Queries
product
task
My Queries
product.task
>_MONGOSH
}
{
product_name: 'Handcrafted Wooden Bacon',
product_material: 'Concrete'
}
Type "it" for more
> it
< {
product_name: 'Unbranded Granite Chicken',
product_material: 'Metal'
}
{
product_name: 'Ergonomic Soft Hat',
product_material: 'Rubber'
}
{
product_name: 'Intelligent Steel Pizza',
product_material: 'Cotton'
}
{
product_name: 'Tasty Rubber Cheese',
product_material: 'Frozen'
}
{
product_name: 'Licensed Steel Car',
product_material: 'Cotton'
}
product>

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



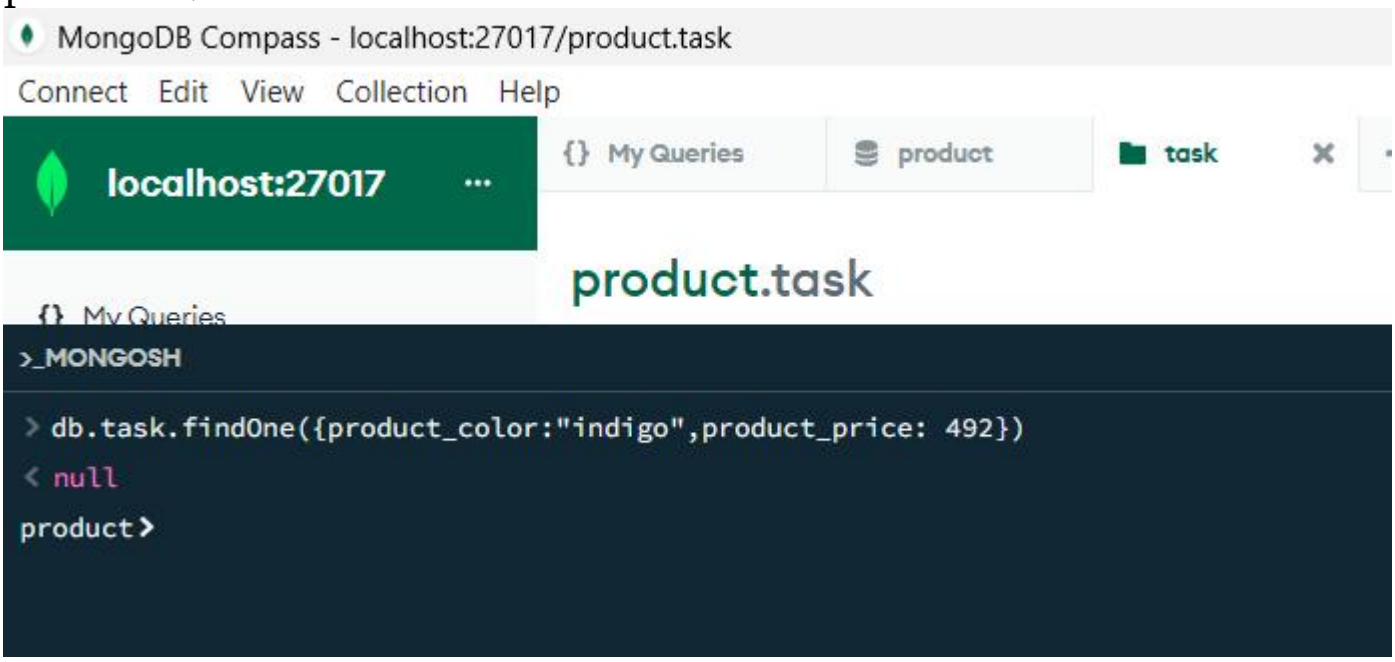
7.Find only the product name and product material

Ans : I am getting only the product name and product material O f if 10 and 12



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) Delete the products whose product price value are the same
Ans :there are no products which have the same product price, so the operation cannot be done .
To delete a many query use this syntax:
“db.collectionName.deleteMany({ "product_price": { $eq: valueToBeDeleted } })”