

MongoDB - TASK1

Product JSON

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[
  {
    "id": "1",
    "product_name": "Intelligent Fresh Chips",
    "product_price": 655.00,
    "product_material": "Concrete",
    "product_color": "mint green"
  },
  {
    "id": "2",
    "product_name": "Practical Fresh Sausages",
    "product_price": 911.0,
    "product_material": "Cotton",
    "product_color": "indigo"
  },
  {
    "id": "3",
    "product_name": "Refined Steel Car",
    "product_price": 690.00,
    "product_material": "Rubber",
    "product_color": "gold"
  },
  {
    "id": "4",
    "product_name": "Gorgeous Plastic Pants",
    "product_price": 492.00,
    "product_material": "Soft",
    "product_color": "plum"
  },
  {
    "id": "5",
    "product_name": "Sleek Cotton Chair",
    "product_price": 33.00,
    "product_material": "Fresh",
    "product_color": "black"
  }
]
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},
{
  "id": "6",
  "product_name": "Awesome Wooden Towels",
  "product_price": 474.00,
  "product_material": "Plastic",
  "product_color": "orange"
},
{
  "id": "7",
  "product_name": "Practical Soft Shoes",
  "product_price": 500.00,
  "product_material": "Rubber",
  "product_color": "pink"
},
{
  "id": "8",
  "product_name": "Incredible Steel Hat",
  "product_price": 78.00,
  "product_material": "Rubber",
  "product_color": "violet"
},
{
  "id": "9",
  "product_name": "Awesome Wooden Ball",
  "product_price": 28.00,
  "product_material": "Soft",
  "product_color": "azure"
},
{
  "id": "10",
  "product_name": "Generic Wooden Pizza",
  "product_price": 84.00,
  "product_material": "Frozen",
  "product_color": "indigo"
},
{

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"id": "11",
"product_name": "Unbranded Wooden Cheese",
"product_price": 26.00,
"product_material": "Soft",
"product_color": "black"
},
{
  "id": "12",
  "product_name": "Unbranded Plastic Salad",
  "product_price": 89.00,
  "product_material": "Wooden",
  "product_color": "pink"
},
{
  "id": "13",
  "product_name": "Gorgeous Cotton Keyboard",
  "product_price": 37.00,
  "product_material": "Concrete",
  "product_color": "sky blue"
},
{
  "id": "14",
  "product_name": "Incredible Steel Shirt",
  "product_price": 54.00,
  "product_material": "Metal",
  "product_color": "white"
},
{
  "id": "15",
  "product_name": "Ergonomic Cotton Hat",
  "product_price": 43.00,
  "product_material": "Rubber",
  "product_color": "mint green"
},
{
  "id": "16",
  "product_name": "Small Soft Chair",
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"product_price": 47.00,  
"product_material": "Cotton",  
"product_color": "teal"  
},  
{  
  "id": "17",  
  "product_name": "Incredible Metal Car",  
  "product_price": 36.00,  
  "product_material": "Fresh",  
  "product_color": "indigo"  
},  
{  
  "id": "18",  
  "product_name": "Licensed Plastic Bacon",  
  "product_price": 88.00,  
  "product_material": "Steel",  
  "product_color": "yellow"  
},  
{  
  "id": "19",  
  "product_name": "Intelligent Cotton Chips",  
  "product_price": 46.00,  
  "product_material": "Soft",  
  "product_color": "azure"  
},  
{  
  "id": "20",  
  "product_name": "Handcrafted Wooden Bacon",  
  "product_price": 36.00,  
  "product_material": "Concrete",  
  "product_color": "lime"  
},  
{  
  "id": "21",  
  "product_name": "Unbranded Granite Chicken",  
  "product_price": 90.00,  
  "product_material": "Metal",
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    "product_color": "gold"
  },
  {
    "id": "22",
    "product_name": "Ergonomic Soft Hat",
    "product_price": 99.00,
    "product_material": "Rubber",
    "product_color": "black"
  },
  {
    "id": "23",
    "product_name": "Intelligent Steel Pizza",
    "product_price": 95.00,
    "product_material": "Cotton",
    "product_color": "azure"
  },
  {
    "id": "24",
    "product_name": "Tasty Rubber Cheese",
    "product_price": 47.00,
    "product_material": "Frozen",
    "product_color": "orchid"
  },
  {
    "id": "25",
    "product_name": "Licensed Steel Car",
    "product_price": 20.00,
    "product_material": "Cotton",
    "product_color": "indigo"
  }
]

```

Q1. Find all the information about each products

Query: db.products.find()

Q2. Find the product price which are between 400 to 800

Query: db.products.find({ product_price: { \$gt: 400, \$lt: 800 } })

Q3.Find the product price which are not between 400 to 600

Query:db.products.find({product_price:{\$not:{\$gt:400,\$lt:600}}})

Q4.List the four product which are greater than 500 in price

Query:db.products.find({product_price:{\$gt:500}}).limit(4)

Q5.Find the product name and product material of each products

Query:db.products.find({}, {product_name:1,product_material:1,_id:0})

Q6.Find the product with a row id of 10

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

Q7.Find only the product name and product material

Query:db.products.find({id:"10"}, {product_name:1,product_material:1,_id:0})

Q8.Find all products which contain the value of soft in product material

Query:db.products.find({product_material:"Soft"})

Q9.Find products which contain product color indigo and product price 492.00?

Query:db.products.find({ \$and:{ product_color: "indigo" }, { product_price: 492.00 } })

Q10.Delete the products which product price value are same

Query:db.products.deleteMany({ product_price: { \$eq: '\$product_price' } })