**MongoDBCase Study-1**

**By Afreen Sultana A**

db.products.insertMany([{"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"},

{"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"}])

1. **Find all information about the Products**

db.products.find()

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

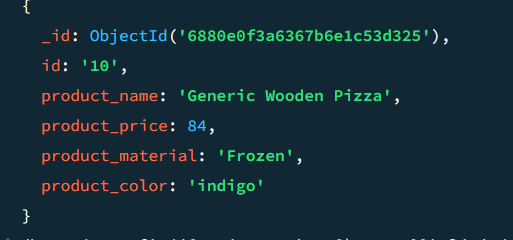
db.products.find({product\_price:{$gte:400,$lte:800}})

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

db.products.find({product\_price:{$not:{$gte:400,$lte:600}}})

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

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

(Its shows only 3 products because there only 3 products which is greater than 500)



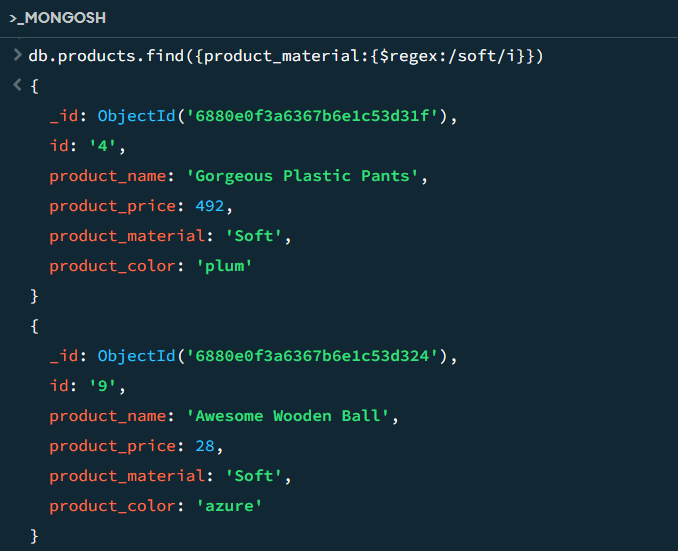
1. **Find the product with a row id of 10**

db.products.find({id:'10'})



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

db.products.find({product\_material:{$regex:/soft/i}})

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