

Microsoft Windows [Version 10.0.22631.3447]
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```
C:\Users\KirubavathiUgeswaran>mongosh
Current Mongosh Log ID: 663b5b97154881dc0046b798
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.2.5
Using MongoDB:      7.0.9
Using Mongosh:       2.2.5
```

For mongosh info see: <https://docs.mongodb.com/mongodb-shell/>

The server generated these startup warnings when booting

2024-05-02T13:47:27.231+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

```
test> show dbs
Demodb      40.00 KiB
Product     40.00 KiB
ZenProgramme 296.00 KiB
admin       40.00 KiB
codekata    40.00 KiB
config      72.00 KiB
local       72.00 KiB
school      40.00 KiB
users       72.00 KiB
test> use Product
switched to db Product
Product> use products
switched to db products
products> use Product
switched to db Product
Product> db.products.find({})
[
  {
    _id: ObjectId('663b5b2c32f010d1f8973825'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  }
]
```

```
Product> db.products.find({})
```

```
[
  {
    _id: ObjectId('663b5b2c32f010d1f8973825'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973826'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973827'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973828'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973829'),
    id: '5',
    product_name: 'Sleek Cotton Chair',
    product_price: 33,
    product_material: 'Fresh',
    product_color: 'black'
  }
]
```

```
{
  product_color: 'black'
},
{
  _id: ObjectId('663b5b2c32f010d1f897382a'),
  id: '6',
  product_name: 'Awesome Wooden Towels',
  product_price: 474,
  product_material: 'Plastic',
  product_color: 'orange'
},
{
  _id: ObjectId('663b5b2c32f010d1f897382b'),
  id: '7',
  product_name: 'Practical Soft Shoes',
  product_price: 500,
  product_material: 'Rubber',
  product_color: 'pink'
},
{
  _id: ObjectId('663b5b2c32f010d1f897382c'),
  id: '8',
  product_name: 'Incredible Steel Hat',
  product_price: 78,
  product_material: 'Rubber',
  product_color: 'violet'
},
{
  _id: ObjectId('663b5b2c32f010d1f897382d'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
},
{
  _id: ObjectId('663b5b2c32f010d1f897382e'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
```



```
{
  {
    _id: ObjectId('663b5b2c32f010d1f897382f'),
    id: '11',
    product_name: 'Unbranded Wooden Cheese',
    product_price: 26,
    product_material: 'Soft',
    product_color: 'black'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973830'),
    id: '12',
    product_name: 'Unbranded Plastic Salad',
    product_price: 89,
    product_material: 'Wooden',
    product_color: 'pink'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973831'),
    id: '13',
    product_name: 'Gorgeous Cotton Keyboard',
    product_price: 37,
    product_material: 'Concrete',
    product_color: 'sky blue'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973832'),
    id: '14',
    product_name: 'Incredible Steel Shirt',
    product_price: 54,
    product_material: 'Metal',
    product_color: 'white'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973833'),
    id: '15',
    product_name: 'Ergonomic Cotton Hat',
    product_price: 43,
    product_material: 'Rubber',
    product_color: 'mint green'
  },
}
```

```
{
  {
    _id: ObjectId('663b5b2c32f010d1f8973834'),
    id: '16',
    product_name: 'Small Soft Chair',
    product_price: 47,
    product_material: 'Cotton',
    product_color: 'teal'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973835'),
    id: '17',
    product_name: 'Incredible Metal Car',
    product_price: 36,
    product_material: 'Fresh',
    product_color: 'indigo'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973836'),
    id: '18',
    product_name: 'Licensed Plastic Bacon',
    product_price: 88,
    product_material: 'Steel',
    product_color: 'yellow'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973837'),
    id: '19',
    product_name: 'Intelligent Cotton Chips',
    product_price: 46,
    product_material: 'Soft',
    product_color: 'azure'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973838'),
    id: '20',
    product_name: 'Handcrafted Wooden Bacon',
    product_price: 36,
    product_material: 'Concrete',
    product_color: 'lime'
  }
}
```



```
{
  _id: ObjectId('663b5b2c32f010d1f897382b'),
  id: '7',
  product_name: 'Practical Soft Shoes',
  product_price: 500,
  product_material: 'Rubber',
  product_color: 'pink'
}
```

```
]
Product> db.products.find({ $or: [{ "product_price": { $lt: 400 } }, { "product_price": { $gt: 600 } }] })
```

```
[
  {
    _id: ObjectId('663b5b2c32f010d1f8973825'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
```

```
{
  _id: ObjectId('663b5b2c32f010d1f8973826'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
},
```

```
{
  _id: ObjectId('663b5b2c32f010d1f8973827'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
},
```

```
{
  _id: ObjectId('663b5b2c32f010d1f8973829'),
  id: '5',
  product_name: 'Sleek Cotton Chair',
  product_price: 33,
  product_material: 'Fresh',
}
```



```
_id: ObjectId('663b5b2c32f010d1f897382c'),
id: '8',
product_name: 'Incredible Steel Hat',
product_price: 78,
product_material: 'Rubber',
product_color: 'violet'
```

```
_id: ObjectId('663b5b2c32f010d1f897382d'),
id: '9',
product_name: 'Awesome Wooden Ball',
product_price: 28,
product_material: 'Soft',
product_color: 'azure'
```

```
_id: ObjectId('663b5b2c32f010d1f897382e'),
id: '10',
product_name: 'Generic Wooden Pizza',
product_price: 84,
product_material: 'Frozen',
product_color: 'indigo'
```

```
_id: ObjectId('663b5b2c32f010d1f897382f'),
id: '11',
product_name: 'Unbranded Wooden Cheese',
product_price: 26,
product_material: 'Soft',
product_color: 'black'
```

```
_id: ObjectId('663b5b2c32f010d1f8973830'),
id: '12',
product_name: 'Unbranded Plastic Salad',
product_price: 89,
product_material: 'Wooden',
product_color: 'pink'
```

```
_id: ObjectId('663b5b2c32f010d1f8973831'),
```



```
{
  _id: ObjectId('663b5b2c32f010d1f8973831'),
  id: '13',
  product_name: 'Gorgeous Cotton Keyboard',
  product_price: 37,
  product_material: 'Concrete',
  product_color: 'sky blue'
},
{
  _id: ObjectId('663b5b2c32f010d1f8973832'),
  id: '14',
  product_name: 'Incredible Steel Shirt',
  product_price: 54,
  product_material: 'Metal',
  product_color: 'white'
},
{
  _id: ObjectId('663b5b2c32f010d1f8973833'),
  id: '15',
  product_name: 'Ergonomic Cotton Hat',
  product_price: 43,
  product_material: 'Rubber',
  product_color: 'mint green'
},
{
  _id: ObjectId('663b5b2c32f010d1f8973834'),
  id: '16',
  product_name: 'Small Soft Chair',
  product_price: 47,
  product_material: 'Cotton',
  product_color: 'teal'
},
{
  _id: ObjectId('663b5b2c32f010d1f8973835'),
  id: '17',
  product_name: 'Incredible Metal Car',
  product_price: 36,
  product_material: 'Fresh',
  product_color: 'indigo'
},
{
  _id: ObjectId('663b5b2c32f010d1f8973836'),
  id: '18',
  product_name: 'Incredible Metal Car',
  product_price: 36,
  product_material: 'Fresh',
  product_color: 'indigo'
}
```

```
{
  "_id": ObjectId('663b5b2c32f010d1f8973836'),
  "id": '18',
  "product_name": 'Licensed Plastic Bacon',
  "product_price": 88,
  "product_material": 'Steel',
  "product_color": 'yellow'
},
{
  "_id": ObjectId('663b5b2c32f010d1f8973837'),
  "id": '19',
  "product_name": 'Intelligent Cotton Chips',
  "product_price": 46,
  "product_material": 'Soft',
  "product_color": 'azure'
},
{
  "_id": ObjectId('663b5b2c32f010d1f8973838'),
  "id": '20',
  "product_name": 'Handcrafted Wooden Bacon',
  "product_price": 36,
  "product_material": 'Concrete',
  "product_color": 'lime'
},
{
  "_id": ObjectId('663b5b2c32f010d1f8973839'),
  "id": '21',
  "product_name": 'Unbranded Granite Chicken',
  "product_price": 90,
  "product_material": 'Metal',
  "product_color": 'gold'
},
{
  "_id": ObjectId('663b5b2c32f010d1f897383a'),
  "id": '22',
  "product_name": 'Ergonomic Soft Hat',
  "product_price": 99,
  "product_material": 'Rubber',
  "product_color": 'black'
},
{
  "_id": ObjectId('663b5b2c32f010d1f897383b'),
```

```
{
  _id: ObjectId('663b5b2c32f010d1f897383b'),
  id: '23',
  product_name: 'Intelligent Steel Pizza',
  product_price: 95,
  product_material: 'Cotton',
  product_color: 'azure'
}
```

Type "it" for more

```
Product> db.products.find({ "product_price": { $gt: 500 } }).limit(4)
```

```
[
  {
    _id: ObjectId('663b5b2c32f010d1f8973825'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973826'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f8973827'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
]
```

```
Product> db.products.find({}, { "product_name": 1, "product_material": 1, "_id": 0 })
```

```
[
  {
    product_name: 'Intelligent Fresh Chips',
  }
]
```



```
]
Product> db.products.find({}, { "product_name": 1, "product_material": 1, "_id": 0 })
[
  {
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  },
  {
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  },
  {
    product_name: 'Refined Steel Car', product_material: 'Rubber' },
    product_name: 'Gorgeous Plastic Pants', product_material: 'Soft' },
    product_name: 'Sleek Cotton Chair', product_material: 'Fresh' },
  {
    product_name: 'Awesome Wooden Towels',
    product_material: 'Plastic'
  },
  {
    product_name: 'Practical Soft Shoes', product_material: 'Rubber' },
    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' },
    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
Product> db.products.find({ "id": "10" })
[
  {
    _id: ObjectId('663b5b2c32f010d1f897382e'),
    id: '10',
    product_name: 'Generic Wooden Pizza',
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
  }
]
Product> db.products.find({}, { "product_name": 1, "product_material": 1, "_id": 0 })
[
  {
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  },
  {
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  },
  {
    product_name: 'Refined Steel Car', product_material: 'Rubber' },
  {
    product_name: 'Gorgeous Plastic Pants', product_material: 'Soft' },
  {
    product_name: 'Sleek Cotton Chair', product_material: 'Fresh' },
  {
    product_name: 'Awesome Wooden Towels',
    product_material: 'Plastic'
  },
  {
    product_name: 'Practical Soft Shoes', product_material: 'Rubber' },
  {
    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_name: 'Unbranded Plastic Salad',
  product_material: 'Wooden'
},
{
  product_name: 'Gorgeous Cotton Keyboard',
  product_material: 'Concrete'
},
{
  product_name: 'Incredible Steel Shirt', product_material: 'Metal' },
{
  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

```
Product> db.products.find({ "product_material": { $regex: /soft/i } })
```

```
[
  {
    _id: ObjectId('663b5b2c32f010d1f8973828'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId('663b5b2c32f010d1f897382d'),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
  },
]
```

```
{},
{}
  _id: ObjectId('663b5b2c32f010d1f897382f'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
},
{}
  _id: ObjectId('663b5b2c32f010d1f8973837'),
  id: '19',
  product_name: 'Intelligent Cotton Chips',
  product_price: 46,
  product_material: 'Soft',
  product_color: 'azure'
}
]
Product> db.products.find({ "product_color": "indigo", "product_price": 492.00 })

Product> db.products.find({ "product_color": "indigo", "product_price": 492.00 })

Product> db.products.deleteMany({ "product_price": 28 })
{ acknowledged: true, deletedCount: 1 }
Product> db.products.find({ "product_color": "indigo", "product_price": 492.00 })

Product> use Product
already on db Product
Product> db.products.find({ "product_color": "indigo", "product_price": 492.00 })

Product> db.products.find({ "product_color": "indigo", "product_price": 492.00 })

Product> db.products.find({ "product_color": "indigo", "product_price": 492.00 })

Product> use Product
already on db Product
Product> show collections
products
Product> db.products.find({ "product_color": "indigo", "product_price": 492.00 })

Product> |
```


My Queries

Performance

Databases

Search

- Demodb
- Product
 - products
- ZenProgramme
- admin
- config
- local
- school
- users

Documents 25 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#)

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

1 - 20 of 25

`_id: ObjectId('663b5b2c32f010d1f8973825')`
`id: "1"`
`product_name: "Intelligent Fresh Chips"`
`product_price: 655`
`product_material: "Concrete"`
`product_color: "mint green"`

`_id: ObjectId('663b5b2c32f010d1f8973826')`
`id: "2"`
`product_name: "Practical Fresh Sausages"`
`product_price: 911`
`product_material: "Cotton"`
`product_color: "indigo"`

`_id: ObjectId('663b5b2c32f010d1f8973827')`
`id: "3"`
`product_name: "Refined Steel Car"`
`product_price: 690`
`product_material: "Rubber"`
`product_color: "gold"`

`_id: ObjectId('663b5b2c32f010d1f8973828')`
`id: "4"`
`product_name: "Gorgeous Plastic Pants"`