

```
mongosh mongodb://127.0.0.1:27017/
Windows PowerShell
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PS C:\Users\Admin> mongosh
Current Mongosh Log ID: 67cfff492cea8162357fa4213
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.4.0
Using MongoDB:      7.0.5
Using Mongosh:      2.4.0

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

=====
The server generated these startup warnings when booting
2025-03-05T10:38:37.702+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
=====

test> use lab2
switched to db lab2
lab2> db.createCollection("Customers")
{ ok: 1 }
lab2> db.Customers.insertMany([
...   { Cust_id: "C001", Acc_Bal: 1500, Acc_Type: "Z" },
...   { Cust_id: "C002", Acc_Bal: 800, Acc_Type: "Z" },
...   { Cust_id: "C003", Acc_Bal: 2500, Acc_Type: "A" },
...   { Cust_id: "C004", Acc_Bal: 1800, Acc_Type: "Z" },
...   { Cust_id: "C005", Acc_Bal: 950, Acc_Type: "B" }
... ]);
...
lab2> db.Customers.insertMany([
...   { Cust_id: "001", Acc_Bal: 1500, Acc_Type: "S" },
...   { Cust_id: "002", Acc_Bal: 800, Acc_Type: "S" },
...   { Cust_id: "003", Acc_Bal: 2500, Acc_Type: "C" },
...   { Cust_id: "004", Acc_Bal: 1800, Acc_Type: "C" },
...   { Cust_id: "005", Acc_Bal: 950, Acc_Type: "S" }
... ]);
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('67cfff561cea8162357fa4214'),
    '1': ObjectId('67cfff561cea8162357fa4215'),
    '2': ObjectId('67cfff561cea8162357fa4216'),
    '3': ObjectId('67cfff561cea8162357fa4217'),
    '4': ObjectId('67cfff561cea8162357fa4218')
  }
}
lab2> db.find({Acc_Bal: {$gt: 1200}, Acc_Type: "S"})
TypeError: db.find is not a function
lab2> db.Customers.find({Acc_Bal: {$gt: 1200}, Acc_Type: "S"})
[
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```
price: 999,
quantity: 30
}
]
lab2_2> db.Products.find({price: {$lte : 100}})
[
  {
    _id: ObjectId('67cffb682f58b006f2fa421c'),
    product_id: 'P004',
    name: 'T-shirt',
    category: 'Clothing',
    price: 25,
    quantity: 200
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421d'),
    product_id: 'P005',
    name: 'Jeans',
    category: 'Clothing',
    price: 40,
    quantity: 150
  }
]
lab2_2> db.Carts.find({user_id: "123abc"})

lab2_2> db.Carts.insertMany([
  {
    user_id: "123abc",
    cart_items: [
      { product_id: "P001", quantity: 1 },
      { product_id: "P004", quantity: 2 }
    ]
  },
  {
    user_id: "789ghi",
    cart_items: [
      { product_id: "P003", quantity: 1 },
      { product_id: "P002", quantity: 1 }
    ]
  },
  {
    user_id: "456def",
    cart_items: [
      { product_id: "P005", quantity: 2 }
    ]
  },
  {
    user_id: "123abc",
    cart_items: [
      { product_id: "P004", quantity: 1 },
      { product_id: "P003", quantity: 1 }
    ]
  }
])
```

```
lab2_2> db.Carts.insertMany([
...   {
...     user_id: "123abc",
...     cart_items: [
...       { product_id: "P001", quantity: 1 },
...       { product_id: "P004", quantity: 2 }
...     ],
...   },
...   {
...     user_id: "789ghi",
...     cart_items: [
...       { product_id: "P003", quantity: 1 },
...       { product_id: "P002", quantity: 1 }
...     ],
...   },
...   {
...     user_id: "456def",
...     cart_items: [
...       { product_id: "P005", quantity: 2 }
...     ],
...   },
...   {
...     user_id: "123abc",
...     cart_items: [
...       { product_id: "P004", quantity: 1 },
...       { product_id: "P003", quantity: 1 }
...     ],
...   },
...   {
...     user_id: "789ghi",
...     cart_items: [
...       { product_id: "P002", quantity: 1 },
...       { product_id: "P005", quantity: 3 }
...     ],
...   }
... ]);
...
... {
...   acknowledged: true,
...   insertedIds: {
...     '0': ObjectId('67cfcab2f58b006f2fa4228'),
...     '1': ObjectId('67cfcab2f58b006f2fa4229'),
...     '2': ObjectId('67cfcab2f58b006f2fa422a'),
...     '3': ObjectId('67cfcab2f58b006f2fa422b'),
...     '4': ObjectId('67cfcab2f58b006f2fa422c')
...   }
... }
lab2_2> db.Carts.find({user_id: "123abc"})
[
```



```

}
Lab2_2> db.Carts.find({user_id: "123abc"})
[
  {
    _id: ObjectId('67cffcab2f58b006f2fa4228'),
    user_id: '123abc',
    cart_items: [
      { product_id: 'P001', quantity: 1 },
      { product_id: 'P004', quantity: 2 }
    ]
  },
  {
    _id: ObjectId('67cffcab2f58b006f2fa422b'),
    user_id: '123abc',
    cart_items: [
      { product_id: 'P004', quantity: 1 },
      { product_id: 'P003', quantity: 1 }
    ]
  }
]
Lab2_2> db.Orders.find({user_id: "123abc"})
[
  {
    _id: ObjectId('67cffb6c2f58b006f2fa421e'),
    user_id: '123abc',
    order_items: [
      { product_id: 'P001', quantity: 1, price: 699 },
      { product_id: 'P004', quantity: 2, price: 25 }
    ],
    total_price: 749,
    order_date: ISODate('2025-03-01T00:00:00.000Z')
  },
  {
    _id: ObjectId('67cffb6c2f58b006f2fa4221'),
    user_id: '123abc',
    order_items: [
      { product_id: 'P002', quantity: 1, price: 999 },
      { product_id: 'P004', quantity: 2, price: 25 }
    ],
    total_price: 1049,
    order_date: ISODate('2025-03-04T00:00:00.000Z')
  }
]
Lab2_2> db.Orders.aggregate([
...   { $match: { user_id: "123abc..." } },
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } }
... ]);
...
Lab2_2> db.Orders.aggregate([
...   { $match: { user_id: "123abc" } },

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mongosh mongodb://127.0.0.1:27017
> use lab2
lab2_2> db.Orders.aggregate([
...   { $match: { user_id: "123abc..." } },
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } }
... ]);
...
lab2_2> db.Orders.aggregate([
...   { $match: { user_id: "123abc" } },
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } }
... ]);
[ { _id: '123abc', total_spent: 1798 } ]
lab2_2> db.Products.aggregate([
...   { $group: { _id: "$category", total_products: { $sum: 1 } } }
... ]);
...
[
  { _id: 'Electronics', total_products: 3 },
  { _id: 'Clothing', total_products: 2 }
]
lab2_2> db.Products.aggregate([
...   { $group: { category: "$category", total_products: { $sum: 1 } } }
... ]);
MongoServerError[Location40234]: The field 'category' must be an accumulator object
lab2_2> db.Products.aggregate([
...   { $group: { _id: "$category", total_price: { $sum: "price" } } }
... ]);
...
[
  { _id: 'Electronics', total_price: 0 },
  { _id: 'Clothing', total_price: 0 }
]
lab2_2> db.Products.aggregate([
...   { $group: { _id: "$category", total_price: { $sum: "price" } } }
... ]);
lab2_2> db.Products.aggregate([
...   { $group: { _id: "$category", total_price: { $sum: "$price" } } }
... ]);
...
[
  { _id: 'Electronics', total_price: 1848 },
  { _id: 'Clothing', total_price: 65 }
]
lab2_2> db.Products.aggregate([
...   { $group: { _id: NULL, avg_price: { $sum: "$price" } / { $sum: 1 } } }
... ]);
ReferenceError: NULL is not defined
lab2_2> db.Products.aggregate([
...   { $group: { _id: null, avg_price: { $sum: "$price" } / { $sum: 1 } } }
... ]);
...
MongoServerError[Location40234]: The field 'avg_price' must be an accumulator object
lab2_2> db.Products.aggregate([

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mongosh mongodb://127.0.0.1:27020
...   { $group: { _id: NULL, avg_price: { $sum: "$price" } / { $sum: 1 } } }
...   ]];
ReferenceError: NULL is not defined
lab2_2> db.Products.aggregate([
...   { $group: { _id: null, avg_price: { $sum: "$price" } / { $sum: 1 } } }
...   ]);
...
MongoServerError[Location40234]: The field 'avg_price' must be an accumulator object
lab2_2> db.Products.aggregate([
...   { $group: { _id: null, avg_price: { $avg: "$price" } } }
...   ]);
[ { _id: null, avg_price: 382.6 } ]
lab2_2> db.Orders.aggregate([
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } }
...   ]);
[
  { _id: '456def', total_spent: 40 },
  { _id: '123abc', total_spent: 1798 },
  { _id: '789ghi', total_spent: 1848 }
]
lab2_2> db.Orders.aggregate([
...   { $match: { user_id: { $max: "$total_spent" } } },
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } }
...   ]);
...
MongoServerError[BadValue]: unknown operator: $max
lab2_2> db.Orders.aggregate([
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } },
...   { $sort: { total_spent: -1 } },
...   { $limit: 1 }
...   ]);
Uncaught:
SyntaxError: Unexpected token (4:4)

  2 |   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } },
  3 |   { $sort: { total_spent: -1 } },
> 4 |   { $limit: 1 }
    |     ^
  5 | ];
  6 |

lab2_2> db.Orders.aggregate([
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } },
...   { $sort: { total_spent: -1 } },
...   { $limit: 1 }
...   ]);
[ { _id: '789ghi', total_spent: 1848 } ]
lab2_2> db.Orders.aggregate([
...   { $group: { _id: null, avg_total_price: { $avg: "$total_price" } } }
...   ]);
...

```



```

mongosh mongodb://127.0.0.1:27020
ReferenceError: NULL is not defined
lab2_2> db.Products.aggregate([
...   { $group: { _id: null, avg_price: { $sum: "$price" } / { $sum: 1 } } }
... ]);
...
MongoServerError[Location40234]: The field 'avg_price' must be an accumulator object
lab2_2> db.Products.aggregate([
...   { $group: { _id: null, avg_price: { $avg: "$price" } } }
... ]);
...
[ { _id: null, avg_price: 382.6 } ]
lab2_2> db.Orders.aggregate([
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } }
... ]);
...
[ { _id: '456def', total_spent: 40 },
  { _id: '123abc', total_spent: 1798 },
  { _id: '789ghi', total_spent: 1848 } ]
lab2_2> db.Orders.aggregate([
...   { $match: { user_id: { $max: "$total_spent" } } },
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } }
... ]);
...
MongoServerError[BadValue]: unknown operator: $max
lab2_2> db.Orders.aggregate([
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } },
...   { $sort: { total_spent: -1 },
...   { $limit: 1 }
... ]);
Uncaught:
SyntaxError: Unexpected token (4:4)

 2 |   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } },
 3 |   { $sort: { total_spent: -1 },
> 4 |   { $limit: 1 }
    |     ^
 5 | ];
 6 |

lab2_2> db.Orders.aggregate([
...   { $group: { _id: "$user_id", total_spent: { $sum: "$total_price" } } },
...   { $sort: { total_spent: -1 } },
...   { $limit: 1 }
... ]);
...
[ { _id: '789ghi', total_spent: 1848 } ]
lab2_2> db.Orders.aggregate([
...   { $group: { _id: null, avg_total_price: { $avg: "$total_price" } } }
... ]);
...
[ { _id: null, avg_total_price: 737.2 } ]
lab2_2>

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```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.4.0
TypeError: db.find is not a function
lab2> db.Customers.find({Acc_Bal: {$gt: 1200}, Acc_Type: "S"})
[
  {
    _id: ObjectId('67c9f561cea8162357fa4214'),
    Cust_id: '001',
    Acc_Bal: 1500,
    Acc_Type: 'S'
  }
]
lab2> db.Customers.aggregate([
...   {
...     $group: {
...       _id: "$Cust_id",
...       min_balance: { $min: "$Acc_Bal" },
...       max_balance: { $max: "$Acc_Bal" }
...     }
...   }
... ]);
...
[
  { _id: '005', min_balance: 950, max_balance: 950 },
  { _id: '001', min_balance: 1500, max_balance: 1500 },
  { _id: '002', min_balance: 800, max_balance: 800 },
  { _id: '003', min_balance: 2500, max_balance: 2500 },
  { _id: '004', min_balance: 1800, max_balance: 1800 }
]
lab2>
(To exit, press Ctrl+C again or Ctrl+D or type .exit)
lab2>
PS C:\Users\Admin> mongosh
Current Mongosh Log ID: 67c9fa9c2f58b006f2fa4213
Connecting to:   mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.4.0
Using MongoDB:   7.0.5
Using Mongosh:   2.4.0

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

-----
The server generated these startup warnings when booting
2025-03-05T10:38:37.702+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----

test> use lab2.2
MongoshInvalidInputError: [COMMON-10001] Invalid database name: lab2.2
test> lab2_2
ReferenceError: lab2_2 is not defined
test> use lab2\_2
MongoshInvalidInputError: [COMMON-10001] Invalid database name: lab2\_2
test> use lab2_2
switched to db lab2_2
```



```
mongosh mongodb://127.0.0.1:27020
MongoshInvalidInputError: [COMMON-10001] Invalid database name: lab2_\2
test> use lab2_2
switched to db lab2_2
lab2_2> db.createCollection("Products")
{ ok: 1 }
lab2_2> db.createCollection("Orders")
{ ok: 1 }
lab2_2> db.createCollection("Carts")
{ ok: 1 }
lab2_2> db.Products.insertMany([
...   { product_id: "P001", name: "Smartphone", category: "Electronics", price: 699, quantity: 50 },
...   { product_id: "P002", name: "Laptop", category: "Electronics", price: 999, quantity: 30 },
...   { product_id: "P003", name: "Headphones", category: "Electronics", price: 150, quantity: 100 },
...   { product_id: "P004", name: "T-shirt", category: "Clothing", price: 25, quantity: 200 },
...   { product_id: "P005", name: "Jeans", category: "Clothing", price: 40, quantity: 150 }
... ]);
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('67cffb0e2f58b006f2fa4214'),
    '1': ObjectId('67cffb0e2f58b006f2fa4215'),
    '2': ObjectId('67cffb0e2f58b006f2fa4216'),
    '3': ObjectId('67cffb0e2f58b006f2fa4217'),
    '4': ObjectId('67cffb0e2f58b006f2fa4218')
  }
}
lab2_2> db.drop("Products")
TypeError: db.drop is not a function
lab2_2> db.deleteCollection("Products")
TypeError: db.deleteCollection is not a function
lab2_2> db.Products.drop()
true
lab2_2> db.Products.find()

lab2_2> db.Products.insertMany([
...   { product_id: "P001", name: "Smartphone", category: "Electronics", price: 699, quantity: 50 },
...   { product_id: "P002", name: "Laptop", category: "Electronics", price: 999, quantity: 30 },
...   { product_id: "P003", name: "Headphones", category: "Electronics", price: 150, quantity: 100 },
...   { product_id: "P004", name: "T-shirt", category: "Clothing", price: 25, quantity: 200 },
...   { product_id: "P005", name: "Jeans", category: "Clothing", price: 40, quantity: 150 }
... ]);
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('67cffb682f58b006f2fa4219'),
    '1': ObjectId('67cffb682f58b006f2fa421a'),
    '2': ObjectId('67cffb682f58b006f2fa421b'),
    '3': ObjectId('67cffb682f58b006f2fa421c'),
    '4': ObjectId('67cffb682f58b006f2fa421d')
  }
}
```

```
mongosh mongodb://127.0.0.1:27020
{
  '3': ObjectId('67cffb682f58b006f2fa421c'),
  '4': ObjectId('67cffb682f58b006f2fa421d')
}
lab2_2> db.Orders.insertMany([
... {
...   user_id: "123abc",
...   order_items: [
...     { product_id: "P001", quantity: 1, price: 699 },
...     { product_id: "P004", quantity: 2, price: 25 }
...   ],
...   total_price: 749,
...   order_date: new Date("2025-03-01")
... },
... {
...   user_id: "789ghi",
...   order_items: [
...     { product_id: "P003", quantity: 1, price: 150 },
...     { product_id: "P002", quantity: 1, price: 999 }
...   ],
...   total_price: 1149,
...   order_date: new Date("2025-03-02")
... },
... {
...   user_id: "456def",
...   order_items: [
...     { product_id: "P005", quantity: 1, price: 40 }
...   ],
...   total_price: 40,
...   order_date: new Date("2025-03-03")
... },
... {
...   user_id: "123abc",
...   order_items: [
...     { product_id: "P002", quantity: 1, price: 999 },
...     { product_id: "P004", quantity: 2, price: 25 }
...   ],
...   total_price: 1049,
...   order_date: new Date("2025-03-04")
... },
... {
...   user_id: "789ghi",
...   order_items: [
...     { product_id: "P001", quantity: 1, price: 699 }
...   ],
...   total_price: 699,
...   order_date: new Date("2025-03-05")
... }
... ]);
... {
... }
```



```
mongosh mongodb://127.0.0.1:27017/ > use lab2_2
lab2_2> db.UserCarts.insertMany([
...   {
...     user_id: "123abc",
...     cart_items: [
...       { product_id: "P001", quantity: 1 },
...       { product_id: "P004", quantity: 2 }
...     ],
...   },
...   {
...     user_id: "789ghi",
...     cart_items: [
...       { product_id: "P003", quantity: 1 },
...       { product_id: "P002", quantity: 1 }
...     ],
...   },
...   {
...     user_id: "456def",
...     cart_items: [
...       { product_id: "P005", quantity: 2 }
...     ],
...   },
...   {
...     user_id: "123abc",
...     cart_items: [
...       { product_id: "P004", quantity: 1 },
...       { product_id: "P003", quantity: 1 }
...     ],
...   },
...   {
...     user_id: "789ghi",
...     cart_items: [
...       { product_id: "P002", quantity: 1 },
...       { product_id: "P005", quantity: 3 }
...     ],
...   }
... ]);
... {
...   acknowledged: true,
...   insertedIds: {
...     '0': ObjectId('67cffb6c2f58b006f2fa421e'),
...     '1': ObjectId('67cffb6c2f58b006f2fa421f'),
...     '2': ObjectId('67cffb6c2f58b006f2fa4220'),
...     '3': ObjectId('67cffb6c2f58b006f2fa4221'),
...     '4': ObjectId('67cffb6c2f58b006f2fa4222')
...   }
... }
```



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```
...    ]
...  }
...  ]];
...
...
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('67cffb712f58b006f2fa4223'),
    '1': ObjectId('67cffb712f58b006f2fa4224'),
    '2': ObjectId('67cffb712f58b006f2fa4225'),
    '3': ObjectId('67cffb712f58b006f2fa4226'),
    '4': ObjectId('67cffb712f58b006f2fa4227')
  }
}
lab2_2> db.Products.find()
[
  {
    _id: ObjectId('67cffb682f58b006f2fa4219'),
    product_id: 'P001',
    name: 'Smartphone',
    category: 'Electronics',
    price: 699,
    quantity: 50
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421a'),
    product_id: 'P002',
    name: 'Laptop',
    category: 'Electronics',
    price: 999,
    quantity: 30
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421b'),
    product_id: 'P003',
    name: 'Headphones',
    category: 'Electronics',
    price: 150,
    quantity: 100
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421c'),
    product_id: 'P004',
    name: 'T-shirt',
    category: 'Clothing',
    price: 25,
    quantity: 200
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421d'),
    product_id: 'P005',
```

```

mongosh mongodb://127.0.0.1:27017
> use lab2
lab2_1> db.products.insertMany([
  {
    product_id: 'P0004',
    name: 'T-shirt',
    category: 'Clothing',
    price: 25,
    quantity: 200
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421d'),
    product_id: 'P0005',
    name: 'Jeans',
    category: 'Clothing',
    price: 40,
    quantity: 150
  }
])
lab2_2> db.Products.find({category: "Clothing"})
[
  {
    _id: ObjectId('67cffb682f58b006f2fa421c'),
    product_id: 'P0004',
    name: 'T-shirt',
    category: 'Clothing',
    price: 25,
    quantity: 200
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421d'),
    product_id: 'P0005',
    name: 'Jeans',
    category: 'Clothing',
    price: 40,
    quantity: 150
  }
]
lab2_2> db.Products.find({quantity: {$gt : 0}})
Uncaught:
SyntaxError: Unexpected token, expected ",", (1:37)

> 1 | db.Products.find({quantity: {$gt : 0}})
    |                                     ^
    |
    |
2 |

lab2_2> db.Products.find({quantity: {"$gt" : 0}})
Uncaught:
SyntaxError: Unexpected token, expected ",", (1:39)

> 1 | db.Products.find({quantity: {"$gt" : 0}})
    |                                     ^
    |
    |
2 |

lab2_2> db.Products.find({quantity: {$gt : 0}})

```



Search



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```
> 1 | db.Products.find({quantity: {"$gt" : 0}})
  |
  2 |

lab2_2> db.Products.find({quantity: {"$gt" : 0}})
[
  {
    _id: ObjectId('67cffb682f58b006f2fa4219'),
    product_id: 'P001',
    name: 'Smartphone',
    category: 'Electronics',
    price: 699,
    quantity: 50
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421a'),
    product_id: 'P002',
    name: 'Laptop',
    category: 'Electronics',
    price: 999,
    quantity: 30
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421b'),
    product_id: 'P003',
    name: 'Headphones',
    category: 'Electronics',
    price: 150,
    quantity: 100
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421c'),
    product_id: 'P004',
    name: 'T-shirt',
    category: 'Clothing',
    price: 25,
    quantity: 200
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421d'),
    product_id: 'P005',
    name: 'Jeans',
    category: 'Clothing',
    price: 40,
    quantity: 150
  }
]
lab2_2> db.Products.find().sort({price: 1})
[
  {
```



```
mongosh mongodb://127.0.0.1:27020
> use lab2
lab2_1> db.Products.find().sort({price: 1})
[
  {
    _id: ObjectId('67cffb682f58b006f2fa421c'),
    product_id: 'P004',
    name: 'T-shirt',
    category: 'Clothing',
    price: 25,
    quantity: 200
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421d'),
    product_id: 'P005',
    name: 'Jeans',
    category: 'Clothing',
    price: 40,
    quantity: 150
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421b'),
    product_id: 'P003',
    name: 'Headphones',
    category: 'Electronics',
    price: 150,
    quantity: 100
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa4219'),
    product_id: 'P001',
    name: 'Smartphone',
    category: 'Electronics',
    price: 699,
    quantity: 50
  },
  {
    _id: ObjectId('67cffb682f58b006f2fa421a'),
    product_id: 'P002',
    name: 'Laptop',
    category: 'Electronics',
    price: 999,
    quantity: 30
  }
]
lab2_2> db.Products.find({price: {$lte : 100}})
[
  {
    _id: ObjectId('67cffb682f58b006f2fa421c'),
    product_id: 'P004',
```



Search



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