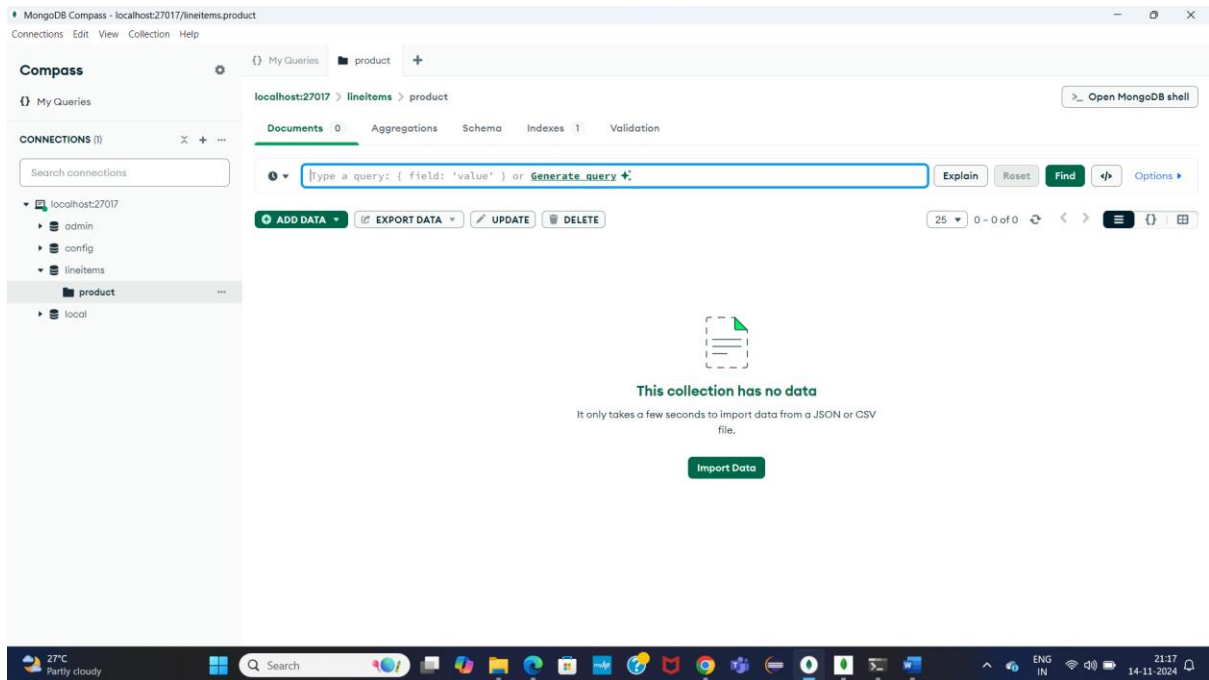


MongoDB



```
lineitems> show collections
```

```
product
```

```
lineitems> db.product.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"
... },
... {
...     "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",
...    "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",
...    "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"
...  }
```

```
).. ]
```

```
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('673619b1b09b0453280d8190'),
    '1': ObjectId('673619b1b09b0453280d8191'),
    '2': ObjectId('673619b1b09b0453280d8192'),
    '3': ObjectId('673619b1b09b0453280d8193'),
    '4': ObjectId('673619b1b09b0453280d8194'),
    '5': ObjectId('673619b1b09b0453280d8195'),
    '6': ObjectId('673619b1b09b0453280d8196'),
    '7': ObjectId('673619b1b09b0453280d8197'),
    '8': ObjectId('673619b1b09b0453280d8198'),
    '9': ObjectId('673619b1b09b0453280d8199'),
    '10': ObjectId('673619b1b09b0453280d819a'),
    '11': ObjectId('673619b1b09b0453280d819b'),
    '12': ObjectId('673619b1b09b0453280d819c'),
    '13': ObjectId('673619b1b09b0453280d819d'),
    '14': ObjectId('673619b1b09b0453280d819e'),
    '15': ObjectId('673619b1b09b0453280d819f'),
    '16': ObjectId('673619b1b09b0453280d81a0'),
    '17': ObjectId('673619b1b09b0453280d81a1'),
    '18': ObjectId('673619b1b09b0453280d81a2'),
    '19': ObjectId('673619b1b09b0453280d81a3'),
```

```
'20': ObjectId('673619b1b09b0453280d81a4'),
'21': ObjectId('673619b1b09b0453280d81a5'),
'22': ObjectId('673619b1b09b0453280d81a6'),
'23': ObjectId('673619b1b09b0453280d81a7'),
'24': ObjectId('673619b1b09b0453280d81a8')
}
}
lineitems>
```

MongoDB Queries:

1. Find all the information about each products

```
lineitems> db.product.find()
[
  {
    _id: ObjectId('673619b1b09b0453280d8190'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8191'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8192'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8193'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
```



```
product_price: 492,  
product_material: 'Soft',  
product_color: 'plum'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d8194'),  
  id: '5',  
  product_name: 'Sleek Cotton Chair',  
  product_price: 33,  
  product_material: 'Fresh',  
  product_color: 'black'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d8195'),  
  id: '6',  
  product_name: 'Awesome Wooden Towels',  
  product_price: 474,  
  product_material: 'Plastic',  
  product_color: 'orange'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d8196'),  
  id: '7',  
  product_name: 'Practical Soft Shoes',  
  product_price: 500,  
  product_material: 'Rubber',  
  product_color: 'pink'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d8197'),  
  id: '8',  
  product_name: 'Incredible Steel Hat',  
  product_price: 78,  
  product_material: 'Rubber',  
  product_color: 'violet'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d8198'),  
  id: '9',  
  product_name: 'Awesome Wooden Ball',  
  product_price: 28,  
  product_material: 'Soft',  
  product_color: 'azure'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d8199'),  
  id: '10',  
  product_name: 'Generic Wooden Pizza',
```

```
product_price: 84,  
product_material: 'Frozen',  
product_color: 'indigo'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d819a'),  
  id: '11',  
  product_name: 'Unbranded Wooden Cheese',  
  product_price: 26,  
  product_material: 'Soft',  
  product_color: 'black'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d819b'),  
  id: '12',  
  product_name: 'Unbranded Plastic Salad',  
  product_price: 89,  
  product_material: 'Wooden',  
  product_color: 'pink'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d819c'),  
  id: '13',  
  product_name: 'Gorgeous Cotton Keyboard',  
  product_price: 37,  
  product_material: 'Concrete',  
  product_color: 'sky blue'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d819d'),  
  id: '14',  
  product_name: 'Incredible Steel Shirt',  
  product_price: 54,  
  product_material: 'Metal',  
  product_color: 'white'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d819e'),  
  id: '15',  
  product_name: 'Ergonomic Cotton Hat',  
  product_price: 43,  
  product_material: 'Rubber',  
  product_color: 'mint green'  
},  
{  
  _id: ObjectId('673619b1b09b0453280d819f'),  
  id: '16',  
  product_name: 'Small Soft Chair',
```

```

    product_price: 47,
    product_material: 'Cotton',
    product_color: 'teal'
  },
  {
    _id: ObjectId('673619b1b09b0453280d81a0'),
    id: '17',
    product_name: 'Incredible Metal Car',
    product_price: 36,
    product_material: 'Fresh',
    product_color: 'indigo'
  },
  {
    _id: ObjectId('673619b1b09b0453280d81a1'),
    id: '18',
    product_name: 'Licensed Plastic Bacon',
    product_price: 88,
    product_material: 'Steel',
    product_color: 'yellow'
  },
  {
    _id: ObjectId('673619b1b09b0453280d81a2'),
    id: '19',
    product_name: 'Intelligent Cotton Chips',
    product_price: 46,
    product_material: 'Soft',
    product_color: 'azure'
  },
  {
    _id: ObjectId('673619b1b09b0453280d81a3'),
    id: '20',
    product_name: 'Handcrafted Wooden Bacon',
    product_price: 36,
    product_material: 'Concrete',
    product_color: 'lime'
  }
]

```

Type "it" for more

lineitems> it

```

[
  {
    _id: ObjectId('673619b1b09b0453280d81a4'),
    id: '21',
    product_name: 'Unbranded Granite Chicken',
    product_price: 90,
    product_material: 'Metal',
    product_color: 'gold'
  },
]

```

```

{
  _id: ObjectId('673619b1b09b0453280d81a5'),
  id: '22',
  product_name: 'Ergonomic Soft Hat',
  product_price: 99,
  product_material: 'Rubber',
  product_color: 'black'
},
{
  _id: ObjectId('673619b1b09b0453280d81a6'),
  id: '23',
  product_name: 'Intelligent Steel Pizza',
  product_price: 95,
  product_material: 'Cotton',
  product_color: 'azure'
},
{
  _id: ObjectId('673619b1b09b0453280d81a7'),
  id: '24',
  product_name: 'Tasty Rubber Cheese',
  product_price: 47,
  product_material: 'Frozen',
  product_color: 'orchid'
},
{
  _id: ObjectId('673619b1b09b0453280d81a8'),
  id: '25',
  product_name: 'Licensed Steel Car',
  product_price: 20,
  product_material: 'Cotton',
  product_color: 'indigo'
}
]
lineitems>

```

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

```

lineitems> db.product.find({ $and: [{ product_price: { $gte: 400 } }, { product_price: { $lte: 800 } }] })
[
  {
    _id: ObjectId('673619b1b09b0453280d8190'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {

```

```

    _id: ObjectId('673619b1b09b0453280d8192'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8193'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8195'),
    id: '6',
    product_name: 'Awesome Wooden Towels',
    product_price: 474,
    product_material: 'Plastic',
    product_color: 'orange'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8196'),
    id: '7',
    product_name: 'Practical Soft Shoes',
    product_price: 500,
    product_material: 'Rubber',
    product_color: 'pink'
  }
]
lineitems>

```

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

```

lineitems> db.product.find({ product_price: { $not: { $gte: 400, $lte: 600 } } })
[
  {
    _id: ObjectId('673619b1b09b0453280d8190'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {

```

```
{
  _id: ObjectId('673619b1b09b0453280d8191'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
},
{
  _id: ObjectId('673619b1b09b0453280d8192'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
},
{
  _id: ObjectId('673619b1b09b0453280d8194'),
  id: '5',
  product_name: 'Sleek Cotton Chair',
  product_price: 33,
  product_material: 'Fresh',
  product_color: 'black'
},
{
  _id: ObjectId('673619b1b09b0453280d8197'),
  id: '8',
  product_name: 'Incredible Steel Hat',
  product_price: 78,
  product_material: 'Rubber',
  product_color: 'violet'
},
{
  _id: ObjectId('673619b1b09b0453280d8198'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
},
{
  _id: ObjectId('673619b1b09b0453280d8199'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
},
{
```

```
{
  _id: ObjectId('673619b1b09b0453280d819a'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
},
{
  _id: ObjectId('673619b1b09b0453280d819b'),
  id: '12',
  product_name: 'Unbranded Plastic Salad',
  product_price: 89,
  product_material: 'Wooden',
  product_color: 'pink'
},
{
  _id: ObjectId('673619b1b09b0453280d819c'),
  id: '13',
  product_name: 'Gorgeous Cotton Keyboard',
  product_price: 37,
  product_material: 'Concrete',
  product_color: 'sky blue'
},
{
  _id: ObjectId('673619b1b09b0453280d819d'),
  id: '14',
  product_name: 'Incredible Steel Shirt',
  product_price: 54,
  product_material: 'Metal',
  product_color: 'white'
},
{
  _id: ObjectId('673619b1b09b0453280d819e'),
  id: '15',
  product_name: 'Ergonomic Cotton Hat',
  product_price: 43,
  product_material: 'Rubber',
  product_color: 'mint green'
},
{
  _id: ObjectId('673619b1b09b0453280d819f'),
  id: '16',
  product_name: 'Small Soft Chair',
  product_price: 47,
  product_material: 'Cotton',
  product_color: 'teal'
},
{
```

```
_id: ObjectId('673619b1b09b0453280d81a0'),
id: '17',
product_name: 'Incredible Metal Car',
product_price: 36,
product_material: 'Fresh',
product_color: 'indigo'
},
{
  _id: ObjectId('673619b1b09b0453280d81a1'),
  id: '18',
  product_name: 'Licensed Plastic Bacon',
  product_price: 88,
  product_material: 'Steel',
  product_color: 'yellow'
},
{
  _id: ObjectId('673619b1b09b0453280d81a2'),
  id: '19',
  product_name: 'Intelligent Cotton Chips',
  product_price: 46,
  product_material: 'Soft',
  product_color: 'azure'
},
{
  _id: ObjectId('673619b1b09b0453280d81a3'),
  id: '20',
  product_name: 'Handcrafted Wooden Bacon',
  product_price: 36,
  product_material: 'Concrete',
  product_color: 'lime'
},
{
  _id: ObjectId('673619b1b09b0453280d81a4'),
  id: '21',
  product_name: 'Unbranded Granite Chicken',
  product_price: 90,
  product_material: 'Metal',
  product_color: 'gold'
},
{
  _id: ObjectId('673619b1b09b0453280d81a5'),
  id: '22',
  product_name: 'Ergonomic Soft Hat',
  product_price: 99,
  product_material: 'Rubber',
  product_color: 'black'
},
{
```



```

    _id: ObjectId('673619b1b09b0453280d81a6'),
    id: '23',
    product_name: 'Intelligent Steel Pizza',
    product_price: 95,
    product_material: 'Cotton',
    product_color: 'azure'
  }
]

```

Type "it" for more

lineitems> it

```

[
  {
    _id: ObjectId('673619b1b09b0453280d81a7'),
    id: '24',
    product_name: 'Tasty Rubber Cheese',
    product_price: 47,
    product_material: 'Frozen',
    product_color: 'orchid'
  },
  {
    _id: ObjectId('673619b1b09b0453280d81a8'),
    id: '25',
    product_name: 'Licensed Steel Car',
    product_price: 20,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
]
lineitems>

```

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

```

lineitems> db.product.find({ product_price: { $gt: 500 } }).limit(4)
[
  {
    _id: ObjectId('673619b1b09b0453280d8190'),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8191'),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,

```

```

    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8192'),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  }
]
lineitems>

```

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

```

lineitems> db.product.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

lineitems> 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' }
]
```

lineitems>

6. Find the product with a row id of 10

```
lineitems> db.product.find().skip(9).limit(1)
[
  {
    _id: ObjectId('673619b1b09b0453280d819a'),
    id: '11',
    product_name: 'Unbranded Wooden Cheese',
    product_price: 26,
    product_material: 'Soft',
    product_color: 'black'
  }
]
```

lineitems>

7. Find only the product name and product material

```
lineitems> db.product.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

```
lineitems> 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' }
]
lineitems>

```

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

```

lineitems> db.product.find({ product_material: { $regex: "soft", $options: "i" } })
[
  {
    _id: ObjectId('673619b1b09b0453280d8193'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId('673619b1b09b0453280d8198'),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
  },
  {
    _id: ObjectId('673619b1b09b0453280d819a'),
    id: '11',
    product_name: 'Unbranded Wooden Cheese',
    product_price: 26,
    product_material: 'Soft',
    product_color: 'black'
  },
  {
    _id: ObjectId('673619b1b09b0453280d81a2'),
    id: '19',
    product_name: 'Intelligent Cotton Chips',

```

```
product_price: 46,  
product_material: 'Soft',  
product_color: 'azure'  
}  
]  
lineitems>
```

9. Find products which contain product color indigo and product price 492.00

```
lineitems> db.product.find({ $and: [ { product_color: "indigo" }, { product_price: 492.00 } ] })  
  
lineitems>
```

10. Delete the products which product price value are 28

```
lineitems> db.product.deleteMany({ product_price: 28 })  
{ acknowledged: true, deletedCount: 1 }  
lineitems>
```