

```
39wd22> db.products.find();
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707aed"),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aee"),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aef"),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af0"),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af1"),
    id: '5',
    product_name: 'Sleek Cotton Chair',
    product_price: 33,
    product_material: 'Fresh',
    product_color: 'black'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af2"),
    id: '6',
    product_name: 'Awesome Wooden Towels',

```

```
39wd22> db.products.find({ product_price: { $gte: 400, $lte: 800 } });
```

```
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707aed"),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aef"),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af0"),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af2"),
    id: '6',
    product_name: 'Awesome Wooden Towels',
    product_price: 474,
    product_material: 'Plastic',
    product_color: 'orange'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af3"),
    id: '7',
    product_name: 'Practical Soft Shoes',
    product_price: 500,
    product_material: 'Rubber',
    product_color: 'pink'
  },
  {
    _id: ObjectId("6368e4473c38ae3ee4707b06"),
    id: '26',
    product_name: 'New Name of USer',
  }
]
```

```
b39wd22> db.products.find({ product_price: { $not: { $gte: 400, $lte: 600 } } });
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707aed"),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aee"),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aef"),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af1"),
    id: '5',
    product_name: 'Sleek Cotton Chair',
    product_price: 33,
    product_material: 'Fresh',
    product_color: 'black'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af4"),
    id: '8',
    product_name: 'Incredible Steel Hat',
    product_price: 78,
    product_material: 'Rubber',
    product_color: 'violet'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af5"),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
  }
]
```

```
b39wd22> db.products.find({ product_price: { $gte: 500 } });
```

```
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707aed"),
    id: '1',
    product_name: 'Intelligent Fresh Chips',
    product_price: 655,
    product_material: 'Concrete',
    product_color: 'mint green'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aee"),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aef"),
    id: '3',
    product_name: 'Refined Steel Car',
    product_price: 690,
    product_material: 'Rubber',
    product_color: 'gold'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af3"),
    id: '7',
    product_name: 'Practical Soft Shoes',
    product_price: 500,
    product_material: 'Rubber',
    product_color: 'pink'
  }
]
```

```
b39wd22>
```

```
b39wd22> db.products.find({ id: "10" });  
[  
  {  
    _id: ObjectId("6368d1013c38ae3ee4707af6"),  
    id: '10',  
    product_name: 'Generic Wooden Pizza',  
    product_price: 84,  
    product_material: 'Frozen',  
    product_color: 'indigo'  
  }  
]  
b39wd22> █
```

```
o39wd22> db.products.find({ id: "10" }, { product_name: 1, product_material: 1 });
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707af6"),
    product_name: 'Generic Wooden Pizza',
    product_material: 'Frozen'
  }
]
o39wd22> █
```

```
o39wd22> db.products.find({ product_material: { $in: ["Soft"] } });
```

```
[  
  {  
    _id: ObjectId("6368d1013c38ae3ee4707af0"),  
    id: '4',  
    product_name: 'Gorgeous Plastic Pants',  
    product_price: 492,  
    product_material: 'Soft',  
    product_color: 'plum'  
  },  
  {  
    _id: ObjectId("6368d1013c38ae3ee4707af5"),  
    id: '9',  
    product_name: 'Awesome Wooden Ball',  
    product_price: 28,  
    product_material: 'Soft',  
    product_color: 'azure'  
  },  
  {  
    _id: ObjectId("6368d1013c38ae3ee4707af7"),  
    id: '11',  
    product_name: 'Unbranded Wooden Cheese',  
    product_price: 26,  
    product_material: 'Soft',  
    product_color: 'black'  
  },  
  {  
    _id: ObjectId("6368d1013c38ae3ee4707aff"),  
    id: '19',  
    product_name: 'Intelligent Cotton Chips',  
    product_price: 46,  
    product_material: 'Soft',  
    product_color: 'azure'  
  }  
]
```

```
o39wd22>
```

```
b39wd22> db.products.find({
...   $or: [
...     { product_color: { $in: ["indigo"] } },
...     { product_price: { $in: [492.0] } },
...   ],
... });
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707aee"),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af0"),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af6"),
    id: '10',
    product_name: 'Generic Wooden Pizza',
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707afd"),
    id: '17',
    product_name: 'Incredible Metal Car',
    product_price: 36,
    product_material: 'Fresh',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707b05"),
    id: '25',
    product_name: 'Licensed Steel Car',
    product_price: 20,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
]
```



```
b39wd22> db.products.find(
...   { id: { $exists: true } },
...   { product_name: 1, product_material: 1 }
... );
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707aed"),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aee"),
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707aef"),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af0"),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af1"),
    product_name: 'Sleek Cotton Chair',
    product_material: 'Fresh'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af2"),
    product_name: 'Awesome Wooden Towels',
    product_material: 'Plastic'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af3"),
    product_name: 'Practical Soft Shoes',
    product_material: 'Rubber'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af4"),
    product_name: 'Incredible Steel Hat',
    product_material: 'Rubber'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af5"),
    product_name: 'Awesome Wooden Ball',

```

```
b39wd22> db.products.find({
...   $or: [{ product_color: "indigo" }, { product_price: 492.0 }],
... });
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707aee"),
    id: '2',
    product_name: 'Practical Fresh Sausages',
    product_price: 911,
    product_material: 'Cotton',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af0"),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707af6"),
    id: '10',
    product_name: 'Generic Wooden Pizza',
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707afd"),
    id: '17',
    product_name: 'Incredible Metal Car',
    product_price: 36,
    product_material: 'Fresh',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707b05"),
    id: '25',
    product_name: 'Licensed Steel Car',
    product_price: 20,
    product_material: 'Cotton',
    product_color: 'indigo'
  }
]
```

```

b39wd22> db.products.find({ $or: [{ product_price: 36 }, { product_price: 47 }] });
[
  {
    _id: ObjectId("6368d1013c38ae3ee4707afd"),
    id: '17',
    product_name: 'Incredible Metal Car',
    product_price: 36,
    product_material: 'Fresh',
    product_color: 'indigo'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707b00"),
    id: '20',
    product_name: 'Handcrafted Wooden Bacon',
    product_price: 36,
    product_material: 'Concrete',
    product_color: 'lime'
  },
  {
    _id: ObjectId("6368d1013c38ae3ee4707b04"),
    id: '24',
    product_name: 'Tasty Rubber Cheese',
    product_price: 47,
    product_material: 'Frozen',
    product_color: 'orchid'
  },
  {
    _id: ObjectId("636be0a55493a8964b926702"),
    id: '16',
    product_name: 'Small Soft Chair',
    product_price: 47,
    product_material: 'Cotton',
    product_color: 'teal'
  }
]
b39wd22> db.products.deleteMany({ id: "16", id: "17", id: "20", id: "24" });
{ acknowledged: true, deletedCount: 1 }
b39wd22> 

```