

```
> db.products.find({
  color: {
    $all: ["black", "white"]
  }
}, {
  name: 1,
  color: 1
})
< {
  _id: 1,
  name: 'xPhone',
  color: [
    'white',
    'black'
  ]
}
{
  _id: 2,
  name: 'xTablet',
  color: [
```

```
> db.products.find({
  storage: {
    $elemMatch: {
      $lt: 128
    }
  }
}, {
  name: 1,
  storage: 1
});
```

```
< {
  _id: 1,
  name: 'xPhone',
  storage: [
    64,
    128
  ]
}
{
  _id: 11,
  name: 'xPhone',
  storage: [
    64,
    128,
    256
  ]
}
{
  _id: 12
```

```

> db.products.find(
  {
    'price': { $exists: 1 }
  },
  {
    name: 1,
    price: 1
  }
).sort({
  price: 1,
  name: 1
});
< {
  _id: 5,
  name: 'SmartPhone',
  price: 599
}

```

```

> db.products.find({price : {$gt : 599}}, {price : 1}).skip(1)
< {
  _id: 2,
  price: 899
}
{
  _id: 3,
  price: 899
}
{

```

```

> db.products.find({releaseDate:{$exists:1}}, {name:1, releaseDate:1}).sort({releaseDate:1}).skip(2).limit(5);
< {
  _id: 12,
  name: 'SmartPhone',
  price: 599,
  releaseDate: '2013-01-01'
}

```

```

> db.products.find(
  {
    releaseDate: { $exists: true },
    _id: { $mod: [2, 0] } // Filter even _id (or use another numeric field)
  },
  {
    name: 1,
    releaseDate: 1
  }
)
.sort({ releaseDate: 1 })
.skip(2)      // Skip first 2 matching documents
.limit(5)
< {
  _id: 102,
  name: 'xTablet',
  releaseDate: 2011-09-01T00:00:00.000Z
}

```

```

> db.products.updateOne(
  { _id: 1 },
  {
    $set: { price: 699 }
  }
)

```