

Find({query}, {Projection}) Method in MongoDB:

To find the document with a name:

```
school> db.students.find({name: "Name3"})
```

```
[
  {
    _id: ObjectId('69807a96aa017ce650cd809b'),
    name: 'Name3',
    age: 42,
    gpa: 6.2
  }
]
```

To find the document with respect to gpa:

```
school> db.students.find({gpa: 1.2})
```

```
[
  {
    _id: ObjectId('69807a96aa017ce650cd8099'),
    name: 'Name1',
    age: 12,
    gpa: 1.2
  }
]
```

To find the document with not fullTime:

```
school> db.students.find({fullTime: false})
```

```
[
  {
    _id: ObjectId('69808144c41c5afdcf628ca4'),
    name: 'Larry',
    age: 32,
    gpa: 3.2,
    fullTime: false,
    registerDate: ISODate('2026-02-02T10:49:40.654Z'),
    graduationDate: null,
    courses: [ 'Biology', 'Chemistry', 'Calculus' ],
    address: { street: '123 Fake St.', city: 'Bik Bottom', zip: 12345 }
  }
]
```

To find the document with not fullTime and age: 32:

```
school> db.students.find({age: 32, fullTime: false})
```

```
[
  {
    _id: ObjectId('69808144c41c5afdcf628ca4'),
    name: 'Larry',
  }
]
```

```

    age: 32,
    gpa: 3.2,
    fullTime: false,
    registerDate: ISODate('2026-02-02T10:49:40.654Z'),
    graduationDate: null,
    courses: [ 'Biology', 'Chemistry', 'Calculus' ],
    address: { street: '123 Fake St.', city: 'Bik Bottom', zip: 12345 }
  }
]

```

To find every document, with the name:

```
school> db.students.find({}, {name: true})
```

```

[
  { _id: ObjectId('69804ab8864a660af4628ca0'), name: 'spongebob' },
  { _id: ObjectId('698075a0c41c5afdcf628ca0'), name: 'patrick' },
  { _id: ObjectId('698075a0c41c5afdcf628ca1'), name: 'sandy' },
  { _id: ObjectId('698075a0c41c5afdcf628ca2'), name: 'gary' },
  { _id: ObjectId('69807998aa017ce650cd8097'), name: 'mongo' },
  { _id: ObjectId('69807a96aa017ce650cd8099'), name: 'Name1' },
  { _id: ObjectId('69807a96aa017ce650cd809a'), name: 'Name2' },
  { _id: ObjectId('69807a96aa017ce650cd809b'), name: 'Name3' },
  { _id: ObjectId('69808144c41c5afdcf628ca4'), name: 'Larry' }
]

```

To find every document, with the only name:

```
school> db.students.find({}, {_id: false, name: true})
```

```

[
  { name: 'spongebob' },
  { name: 'patrick' },
  { name: 'sandy' },
  { name: 'gary' },
  { name: 'mongo' },
  { name: 'Name1' },
  { name: 'Name2' },
  { name: 'Name3' },
  { name: 'Larry' }
]

```

To find every document, with the only name and gpa:

```
school> db.students.find({}, {_id: false, name: true, gpa: true})
```

```

[
  { name: 'spongebob', gpa: 3.2 },
  { name: 'patrick', gpa: 1.5 },
  { name: 'sandy', gpa: 4 },
  { name: 'gary', gpa: 2.5 },
  { name: 'mongo', gpa: 3.2 },
  { name: 'Name1', gpa: 1.2 },
]

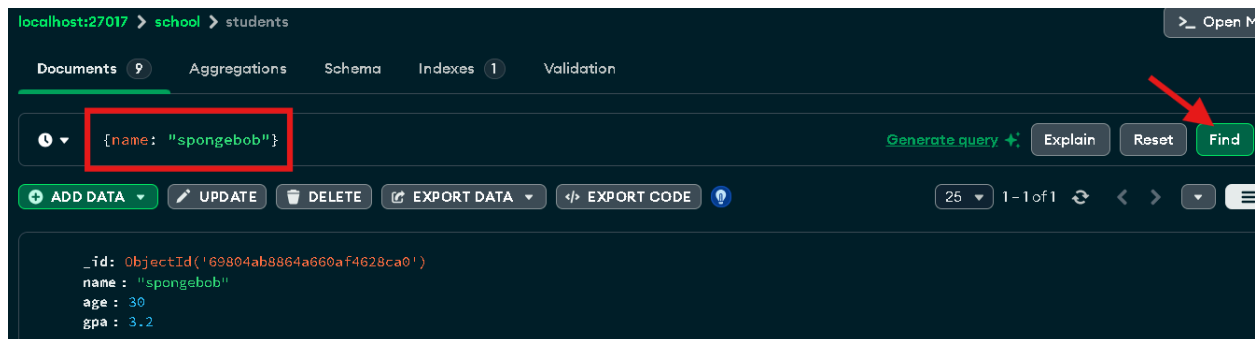
```

```
{ name: 'Name2', gpa: 2.4 },  
{ name: 'Name3', gpa: 6.2 },  
{ name: 'Larry', gpa: 3.2 }  
]
```

Where -> `{_id: false, name: true, gpa: true}` is the projection parameter, `{}` is the query parameter.

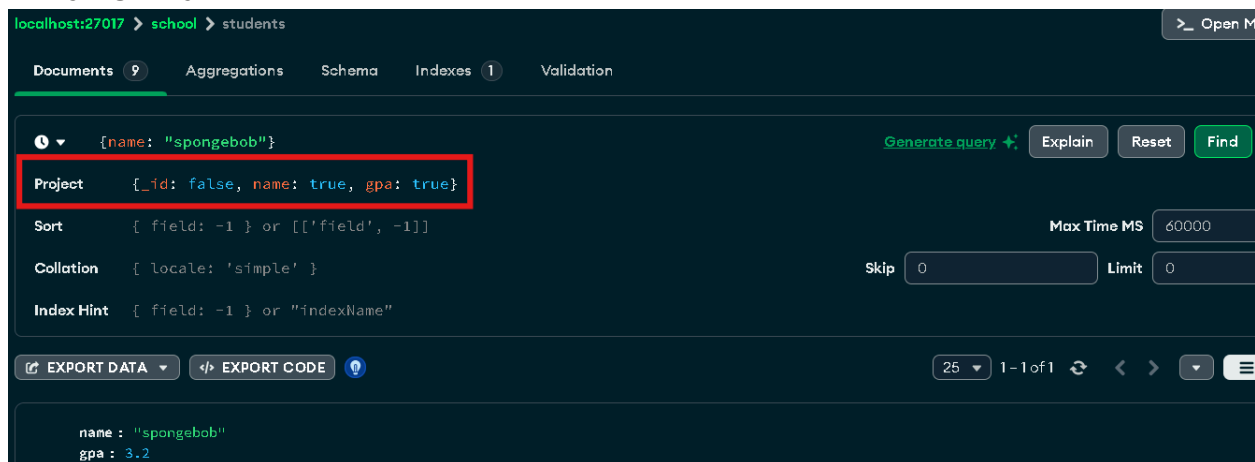
`.find({query parameter}, {projection parameter})`.

Using MongoDB Compass:



Click find button or click Enter.

Applying Projection:



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

Project { _id: false, name: true, gpa: true }

Sort { field: -1 } or [['field', -1]]

Collation { locale: 'simple' }

Index Hint { field: -1 } or "indexName"

 EXPORT DATA ▼

 EXPORT CODE

```
name : "spongebob"  
gpa : 3.2
```

```
name : "patrick"  
gpa : 1.5
```

```
name : "sandy"  
gpa : 4
```

```
name : "gary"  
gpa : 2.5
```

```
name : "mongo"  
gpa : 3.2
```