

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('69808144c41c5afdf628ca4'),  
    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('69808144c41c5afdf628ca4'),  
    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 },
```

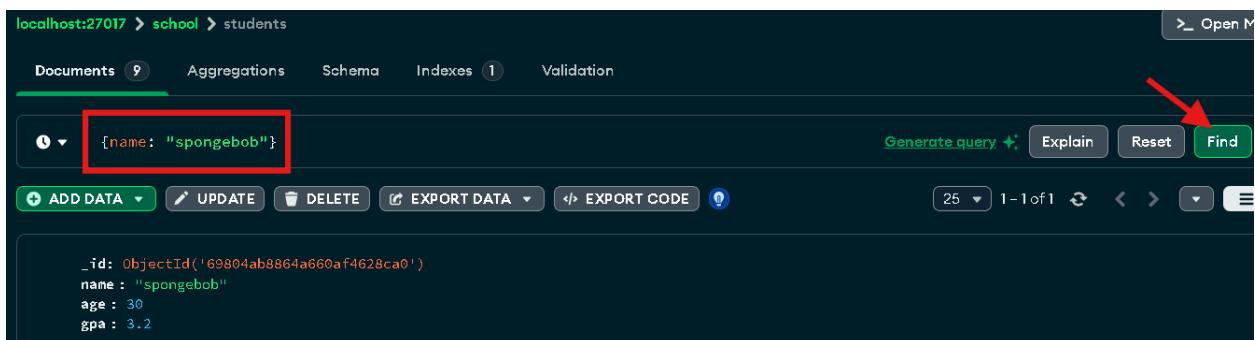
```
{ name: 'Name2', gpa: 2.4 },  
{ name: 'Name3', gpa: 6.2 },  
{ name: 'Larry', gpa: 3.2 }
```

```
]
```

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

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

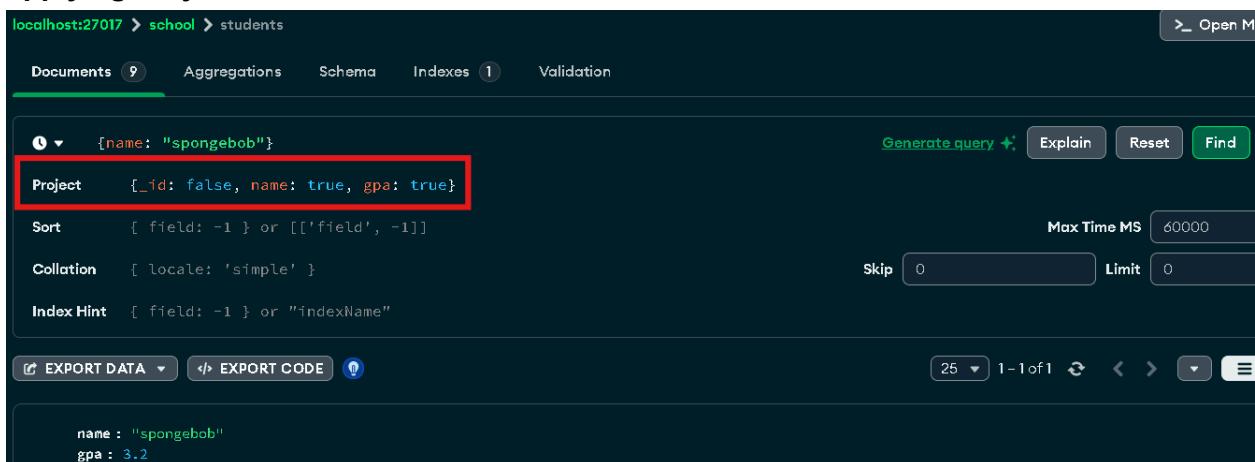
Using MongoDB Compass:



A screenshot of the MongoDB Compass interface. The top navigation bar shows 'localhost:27017 > school > students'. Below it, there are tabs for 'Documents' (9), 'Aggregations', 'Schema', 'Indexes (1)', and 'Validation'. Under the 'Documents' tab, a search bar contains the query `{name: "spongebob"}`, which is highlighted with a red box. To the right of the search bar are buttons for 'Generate query', 'Explain', 'Reset', and a large green 'Find' button, also highlighted with a red arrow. Below the search bar are buttons for 'ADD DATA', 'UPDATE', 'DELETE', 'EXPORT DATA', 'EXPORT CODE', and a help icon. At the bottom, there are pagination controls (25, 1-1 of 1) and other navigation icons.

Click find button or click Enter.

Applying Projection:



A screenshot of the MongoDB Compass interface, similar to the previous one but with projection parameters added. The 'Project' field in the query panel is set to `{_id: false, name: true, gpa: true}`, which is highlighted with a red box. The results pane shows the document `_id: ObjectId('69804ab8864a660aF4628ca0')` with fields `name : "spongebob"` and `gpa : 3.2`.



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
```