Update Method in MongoDB:

.updateOne(filter, update)

Filter is the selection criteria.

$set operator replaces the value of field.

```
school> db.students.find({name: "spongebob"})
            [
              {
                _id: ObjectId('69804ab8864a660af4628ca0'),
                name: 'spongebob',
                age: 30,
                gpa: 3.2
              }
            ]
school> db.students.updateOne({name: "spongebob"}, {$set: {fullTime: true}})
            {
              acknowledged: true,
              insertedId: null,
              matchedCount: 1,
              modifiedCount: 1,
              upsertedCount: 0
            }
school> db.students.find({name: "spongebob"})
            [
              {
                _id: ObjectId('69804ab8864a660af4628ca0'),
                name: 'spongebob',
                age: 30,
                gpa: 3.2,
                fullTime: true
              }
            ]
```

Updating by Unique ObjectID:

```
school> db.students.updateOne({_id: ObjectId('69804ab8864a660af4628ca0')}, {$set:
{fullTime: false}})
            {
              acknowledged: true,
              insertedId: null,
              matchedCount: 1,
              modifiedCount: 1,
              upsertedCount: 0
            }
school> db.students.find({name: "spongebob"})
```

```
[
  {
    _id: ObjectId('69804ab8864a660af4628ca0'),
    name: 'spongebob',
    age: 30,
    gpa: 3.2,
    fullTime: false
  }
]
```

To remove a field: $unset: {fullTime: ""}:

```
school> db.students.find({name: "spongebob"})
    [
      {
        _id: ObjectId('69804ab8864a660af4628ca0'),
        name: 'spongebob',
        age: 30,
        gpa: 3.2,
        fullTime: false
      }
    ]
school> db.students.updateOne({_id: ObjectId('69804ab8864a660af4628ca0')}, {$unset:
{fullTime: ""}})
    {
      acknowledged: true,
      insertedId: null,
      matchedCount: 1,
      modifiedCount: 1,
      upsertedCount: 0
    }
school> db.students.find({name: "spongebob"})
    [
      {
        _id: ObjectId('69804ab8864a660af4628ca0'),
        name: 'spongebob',
        age: 30,
        gpa: 3.2
      }
    ]
```

Update Many: to update many document at once:

If the fullTime is not available updateMany creates from them
school> db.students.**updateMany({}, {$set: {fullTime: false}})**
```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 9,
  modifiedCount: 8,
  upsertedCount: 0
}
```
school> db.students.find({}, {_id:false, name: true, fullTime: true})
```
[
  { name: 'spongebob', fullTime: false },
  { name: 'patrick', fullTime: false },
  { name: 'sandy', fullTime: false },
  { name: 'gary', fullTime: false },
  { name: 'mongo', fullTime: false },
  { name: 'Name1', fullTime: false },
  { name: 'Name2', fullTime: false },
  { name: 'Name3', fullTime: false },
  { name: 'Larry', fullTime: false }
]
```
To remove fullTime for Name1 and Name2:
school> db.students.updateOne({name: "Name1"}, {$unset: {fullTime: ""}})
```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```
school> db.students.updateOne({name: "Name2"}, {$unset: {fullTime: ""}})
```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```
school> db.students.find()
```
{
  _id: ObjectId('69807998aa017ce650cd8097'),
  name: 'mongo',
```

```
      age: 32,
      gpa: 3.2,
      fullTime: false
    },
    {
      _id: ObjectId('69807a96aa017ce650cd8099'),
      name: 'Name1',
      age: 12,
      gpa: 1.2
    },
    {
      _id: ObjectId('69807a96aa017ce650cd809a'),
      name: 'Name2',
      age: 22,
      gpa: 2.4
    },
    {
      _id: ObjectId('69807a96aa017ce650cd809b'),
      name: 'Name3',
      age: 42,
      gpa: 6.2,
      fullTime: false
    }
```
To make the fullTime: true where fullTime is not available:
school> db.students.**updateMany({fullTime: {$exists: false}}, {$set: {fullTime: true}})**
```
    {
      acknowledged: true,
      insertedId: null,
      matchedCount: 2,
      modifiedCount: 2,
      upsertedCount: 0
    }
```
school> db.students.find({}, {_id: false, age: false, gpa: false})
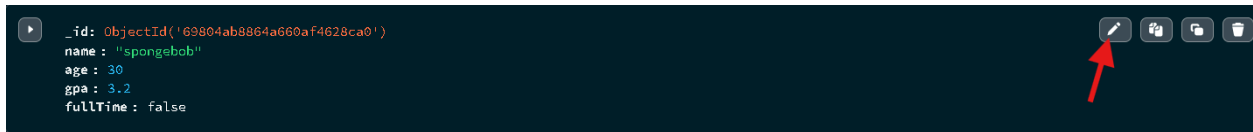```
    [
      { name: 'spongebob', fullTime: false },
      { name: 'patrick', fullTime: false },
      { name: 'sandy', fullTime: false },
      { name: 'gary', fullTime: false },
      { name: 'mongo', fullTime: false },
```
**{ name: 'Name1', fullTime: true },**
**{ name: 'Name2', fullTime: true },**
```
      { name: 'Name3', fullTime: false },
      {
        name: 'Larry',
```
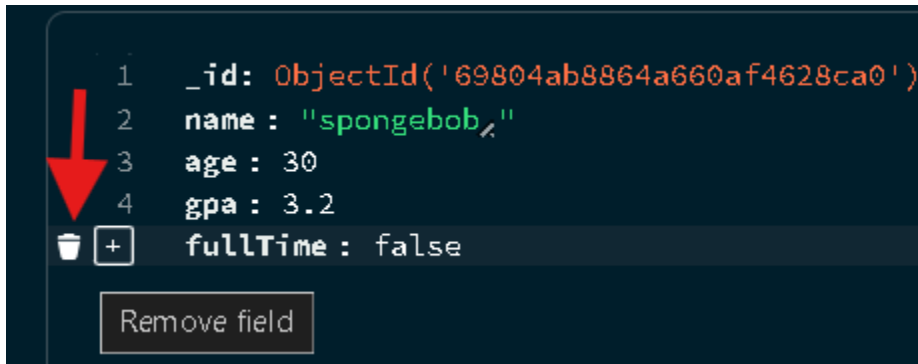
```
        fullTime: false,
        registerDate: ISODate('2026-02-02T10:49:40.654Z'),
        gradutionDate: null,
        courses: ['Biology', 'Chemistry', 'Calculus'],
        address: { street: '123 Fake St.', city: 'Bik Bottom', zip: 12345 }
      }
    ]
```

# *Similarly, in MongoDB Compass:*

Use pencil icon:
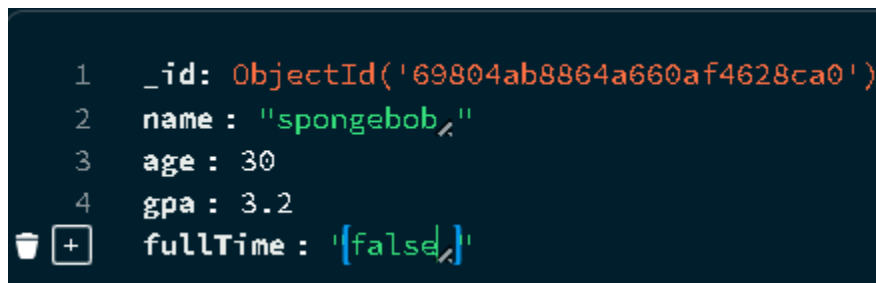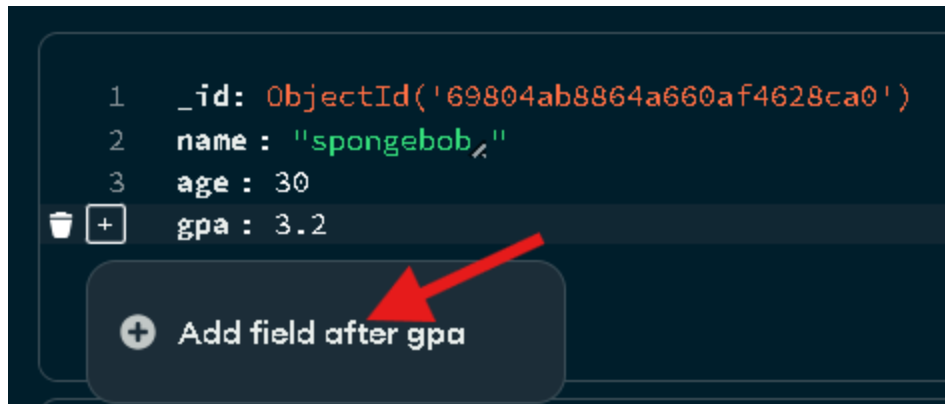


Click trash icon to delete:



Then click update:



To add the field:

Choose type as Boolean and click update: