

```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.0.2
Microsoft Windows [Version 10.0.26100.3476]
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C:\Users\kaml>mongosh
Current Mongosh Log ID: 67daf79ddf7762dc75f5118f
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.0.2
Using MongoDB:      7.0.2
Using Mongosh:       2.0.2
mongosh 2.4.2 is available for download: https://www.mongodb.com/try/download/shell

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

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  The server generated these startup warnings when booting
  2025-03-13T12:19:02.840+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
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test> use prac4
switched to db prac4
prac4> db.createCollection("students")
{ ok: 1 }
prac4> db.students.insertOne({name: "Alice", age: 22, grade: "A"})
{
  acknowledged: true,
  insertedId: ObjectId("67daf809df7762dc75f51190")
}
prac4> db.students.insertMany([
...   {name: "Bob", age: 24, grade: "B"},
...   {name: "Charlie", age: 21, grade: "C"},
...   {name: "David", age: 23, grade: "A"}
... ])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId("67daf813df7762dc75f51191"),
    '1': ObjectId("67daf813df7762dc75f51192"),
    '2': ObjectId("67daf813df7762dc75f51193")
  }
}
prac4> db.students.find()
[
```

```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.0.2
prac4> db.students.find()
[
  {
    _id: ObjectId("67daf809df7762dc75f51190"),
    name: 'Alice',
    age: 22,
    grade: 'A'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51191"),
    name: 'Bob',
    age: 24,
    grade: 'B'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51192"),
    name: 'Charlie',
    age: 21,
    grade: 'C'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51193"),
    name: 'David',
    age: 23,
    grade: 'A'
  }
]
prac4>
```

```
mongosh mongodb://127.0.0.1:27017
prac4> db.students.find({grade: "A"})
[
  {
    _id: ObjectId("67daf809df7762dc75f51198"),
    name: 'Alice',
    age: 22,
    grade: 'A'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51193"),
    name: 'David',
    age: 23,
    grade: 'A'
  }
]
prac4>
```

```
mongosh mongodb://127.0.0.1:27017
prac4> db.students.find({grade: "A"})
[
  {
    _id: ObjectId("67daf809df7762dc75f51198"),
    name: 'Alice',
    age: 22,
    grade: 'A'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51193"),
    name: 'David',
    age: 23,
    grade: 'A'
  }
]
prac4> db.students.updateOne(
...   {name: 'Alice'},
...   {$set: {age: 23}}
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
prac4> db.students.updateMany(
...   {grade: "C"},
...   {$set: {grade: "B"}}
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
prac4>
```

```
mongosh mongodb://127.0.0.1:27017/
prac4> db.students.find()
[
  {
    _id: ObjectId("67daf809df7762dc75f51190"),
    name: 'Alice',
    age: 23,
    grade: 'A'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51191"),
    name: 'Bob',
    age: 24,
    grade: 'B'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51192"),
    name: 'Charlie',
    age: 21,
    grade: 'B'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51193"),
    name: 'David',
    age: 23,
    grade: 'A'
  }
]
prac4>
```

```
mongosh mongodb://127.0.0.1:27017/
prac4> db.students.deleteOne({name: "Bob"})
{ acknowledged: true, deletedCount: 1 }
prac4> db.students.find()
[
  {
    _id: ObjectId("67daf809df7762dc75f51190"),
    name: 'Alice',
    age: 23,
    grade: 'A'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51192"),
    name: 'Charlie',
    age: 21,
    grade: 'B'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51193"),
    name: 'David',
    age: 23,
    grade: 'A'
  }
]
prac4> db.students.deleteMany({grade: "B"})
{ acknowledged: true, deletedCount: 1 }
prac4> db.students.find()
[
  {
    _id: ObjectId("67daf809df7762dc75f51190"),
    name: 'Alice',
    age: 23,
    grade: 'A'
  },
  {
    _id: ObjectId("67daf813df7762dc75f51193"),
    name: 'David',
    age: 23,
    grade: 'A'
  }
]
prac4>
```

```
mongosh mongodb://127.0.0.1:27017
prac4> db.students.drop()
true
prac4> db.dropDatabase()
{ ok: 1, dropped: 'prac4' }
prac4> show dbs
admin      40.00 KiB
config    108.00 KiB
local     116.00 KiB
prac4> |
```