Please enter a MongoDB connection string (Default: mongodb://localhost/):

Current Mongosh Log ID: 671fa99ae74f642fb9bc3a27

Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.0.2

Using MongoDB: 8.0.3

Using Mongosh: 2.0.2

mongosh 2.3.2 is available for download: https://www.mongodb.com/try/download/shell

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

   The server generated these startup warnings when booting

   2024-10-28T15:31:34.495+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

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Warning: Found ~/.mongorc.js, but not ~/.mongoshrc.js. ~/.mongorc.js will not be loaded.

   You may want to copy or rename ~/.mongorc.js to ~/.mongoshrc.js.

Create New database (newdb)

test> use newdb

switched to db newdb

Create New Collection

newdb> db.createCollection("student");

{ ok: 1 }

InsertOne

newdb> db.student.insertOne({"name":"Alice","srn":"123","dept":"CSE"});

{

  acknowledged: true,

```
  insertedId: ObjectId("671faa1de74f642fb9bc3a28")
}
```

InsertMany

```
newdb> db.student.insertMany([{"name":"Bob","srn":"124","dept":"CSE"},
{"name":"Tim","srn":"125","dept":"ECE"}]);
{
 acknowledged: true,
 insertedIds: {
  '0': ObjectId("671faa6ce74f642fb9bc3a29"),
  '1': ObjectId("671faa6ce74f642fb9bc3a2a")
 }
}
```

Find

```
newdb> db.student.find();
[
 {
  _id: ObjectId("671faa1de74f642fb9bc3a28"),
  name: 'Alice',
  srn: '123',
  dept: 'CSE'
 },
 {
  _id: ObjectId("671faa6ce74f642fb9bc3a29"),
  name: 'Bob',
  srn: '124',
  dept: 'CSE'
 },
 {
  _id: ObjectId("671faa6ce74f642fb9bc3a2a"),
```

```
    name: 'Tim',

    srn: '125',

    dept: 'ECE'

 }

]
```

Find

```
newdb> db.student.find({name:"Tim"});

[

 {

   _id: ObjectId("671faa6ce74f642fb9bc3a2a"),

   name: 'Tim',

   srn: '125',

   dept: 'ECE'

 }

]
```

FindOne

```
newdb> db.student.findOne({dept:"CSE"});

{

  _id: ObjectId("671faa1de74f642fb9bc3a28"),

  name: 'Alice',

  srn: '123',

  dept: 'CSE'

}

newdb> show dbs

admin    40.00 KiB

config  108.00 KiB

local    40.00 KiB

newdb    72.00 KiB
```

UpdateOne

```
newdb> db.student.updateOne({name:"Alice"},{$set:{dept:"ECE"}});
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
newdb> db.student.find();
[
 {
   _id: ObjectId("671faa1de74f642fb9bc3a28"),
   name: 'Alice',
   srn: '123',
   dept: 'ECE'
 },
 {
   _id: ObjectId("671faa6ce74f642fb9bc3a29"),
   name: 'Bob',
   srn: '124',
   dept: 'CSE'
 },
 {
   _id: ObjectId("671faa6ce74f642fb9bc3a2a"),
   name: 'Tim',
   srn: '125',
   dept: 'ECE'
 }
]
```

UpdateMany

```
newdb> db.student.updateMany({dept:"ECE"},{$set:{dept:"CSE"}});
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 2,
  modifiedCount: 2,
  upsertedCount: 0
}
newdb> db.student.find();
[
 {
  _id: ObjectId("671faa1de74f642fb9bc3a28"),
   name: 'Alice',
   srn: '123',
   dept: 'CSE'
 },
 {
  _id: ObjectId("671faa6ce74f642fb9bc3a29"),
   name: 'Bob',
   srn: '124',
   dept: 'CSE'
 },
 {
  _id: ObjectId("671faa6ce74f642fb9bc3a2a"),
   name: 'Tim',
   srn: '125',
   dept: 'CSE'
 }
]
```

DeleteOne

```
newdb> db.student.deleteOne({srn:"125"});

{ acknowledged: true, deletedCount: 1 }

newdb> db.student.find();

[
 {
  _id: ObjectId("671faa1de74f642fb9bc3a28"),
  name: 'Alice',
  srn: '123',
  dept: 'CSE'
 },
 {
  _id: ObjectId("671faa6ce74f642fb9bc3a29"),
  name: 'Bob',
  srn: '124',
  dept: 'CSE'
 }
]
newdb>
```