

# All MongoDB commands you will ever need (MongoDb Cheatsheet)

In this post, we will see a comprehensive list of all the MongoDB commands you will ever need as a MongoDB beginner. This list covers almost all the most used commands in MongoDB. I will assume that you are working inside a collection named 'comments' on a MongoDB database of your choice

## 1. Database Commands

### View all databases

```
show dbs
```

### Create a new or switch databases

```
use dbName
```

### View current Database

```
db
```

### Delete Database

```
db.dropDatabase()
```

## 2. Collection Commands

### Show Collections

```
show collections
```

### Create a collection named 'comments'

```
db.createCollection('comments')
```

### Drop a collection named 'comments'

```
db.comments.drop()
```

## 3. Row(Document) Commands

### Show all Rows in a Collection

```
db.comments.find()
```

### Show all Rows in a Collection (Prettified)

```
db.comments.find().pretty()
```

### Find the first row matching the object

```
db.comments.findOne({name: 'Harry'})
```

### Insert One Row

```
db.comments.insert({  
  'name': 'Harry',  
  'lang': 'JavaScript',  
  'member_since': 5  
})
```

### Insert many Rows

```
db.comments.insertMany([  
  {  
    'name': 'Harry',  
    'lang': 'JavaScript',  
    'member_since': 5  
  },  
  {  
    'name': 'Rohan',  
    'lang': 'Python',  
    'member_since': 3  
  },  
  {  
    'name': 'Lovish',  
    'lang': 'Java',  
    'member_since': 4  
  }  
])
```

## Search in a MongoDB Database

```
db.comments.find({lang: 'Python'})
```

## Limit the number of rows in output

```
db.comments.find().limit(2)
```

## Count the number of rows in the output

```
db.comments.find().count()
```

## Update a row

```
db.comments.update({name: 'Shubham'},  
{'name': 'Harry',  
  'lang': 'JavaScript',  
  'member_since': 51  
}, {upsert: true})
```

## Mongodb Increment Operator

```
db.comments.update({name: 'Rohan'},  
{ $inc: {  
  member_since: 2  
}})
```

## Mongodb Rename Operator

```
db.comments.update({name: 'Rohan'},  
{ $rename: {  
  member_since: 'member'  
}})
```

## Delete Row

```
db.comments.remove({name: 'Harry'})
```

## Less than/Greater than/ Less than or Eq/Greater than or Eq

```
db.comments.find({member_since: {$lt: 90}})
```

```
db.comments.find({member_since: {$lte: 90}})
```

```
db.comments.find({member_since: {$gt: 90}})
```

```
db.comments.find({member_since: {$gte: 90}})
```