

# 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'})
```

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## 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}})
```

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## Comments



**pritamdas.pd2005** Jun 28, 2021  
Where are the upsert commands



**shivanggup** Jun 16, 2021  
nice



**pragupta2007** Jun 10, 2021  
Wow Sir! What a nice try for all of us...

**qwertysachin3** Jun 7, 2021



WARNING!! Create a collection named 'comments' is needs to be changed to Delete collection named 'comments'



**samuel** Jun 6, 2021

THIS COURSE REALLY HELPFULL SIR...!



**techtigertham** Jun 6, 2021

Thanks harry sir,

Can you please make a video on ruby, please make video sir



**somenath** Jun 6, 2021

Thanks harry sir for this awesome tutorial of MongoDB.

I have only one request to you.

Can you please show how can we connect our website with mongoDB database please

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**shaikhkahinoor** Jun 5, 2021

Sir You are great ...

Mene apka hi C program video dekh kar programming sikhaa hai.

Avi apka python in one video wo dekh raha hun..

Sir Mongodb ko hum mobile me kese use kar sakte hai ?



**Pritamcode** Jun 5, 2021

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**arkodev** Jun 5, 2021

Sir please explain the last three commands of php tutorial

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