

## Mongo DB

### List database

>Show dbs;

### Create new database

>use database name;

### Change database

>use database name;

### Know current database

>db;

### Create collection

>db. createCollection ('collection name');

### List collection

>show collections;

### Drop collection

>db. collection name. drop ();

### Insert one document

>db. collection name. insert ({“field name”: value, “filed name”: value});

>db. collection name. insertOne ({“field name”: value, “filed name”: value});

### Insert multiple document

>db. collection name. insert ([  
{“field name”: value, “field name”: value},  
{“field name”: value, “field name”: value},  
{“field name”: value, “field name”: value},  
]);

>db. collection name. insertMany ([  
{“field name”: value, “field name”: value},  
{“field name”: value, “field name”: value},  
{“field name”: value, “field name”: value},  
]);

**Find only one document in collection**

```
>db. collection name. findOne ();
```

**Find all document in collection**

```
>db. collection name. find ();
```

**Pretty find**

```
>db. collection name. find (). pretty ();
```

**Know the document count in collection**

```
>db. collection name. count ();
```

**Update a document in collection**

```
>db. collection name. update (  
    {"selection field name": selection value},  
    {$set: {"new field/existed field name": new value}}  
);
```

**Find document in collection where filed value equals given value**

```
>db. collection name. find ({"field name": given value});
```

**Find document in collection where filed value greater than given value**

```
>db. collection name. find ({"field name": {$gt: value}})
```

**Find document in collection where filed value lesser than given value**

```
>db. collection name. find ({"field name": {$lt: value}})
```

**Find document in collection where filed value greater than or equal to given value**

```
>db. collection name. find ({"field name": {$gt: value}})
```

**Find document in collection where filed value lesser than or equal to given value**

```
>db. collection name. find ({"field name": {$lt: value}})
```

**Drop document in collection**