To create database

If there is no existing database, the following command is used to create a new database.

Syntax:

1. use DATABASE_NAME

   use studydb

2. To check current database

   db

3. To **check the database list**, use the command show dbs:

   show dbs

4. To Delete Database

   db.dropDatabase()

5. To Create Collection

   db.createCollection("student")

6. Insert into Collection

   db.student.**insert**({"name" : "intellect","city","surat"})

7. **drop the collection** with the name student:

   db.stud.**drop**()

8. To Insert Document

   db.stud.**insert**(
   {
   "rno":1,
   "name":"nidhi",
   "course": "node",
   "duration": "6 months",
   "category": "Programming language" ,
   "fees":4000
   }
)

9. To show data

M2,3CityLight Complex
CityLight Rd.
Beside Petrol Pump
Surat

```
db.stud.find();
```

10.   To Update data
```
db.stud.update(
{"rno" : 1},
{$set: { "name" : "nayan","fees":6000,"course":"mvc"}});
```

11. To Remove data
```
db.stud.remove({"course" : "mvc"});
db. stud.deleteOne({"rno" : 1})
```

12. Search data
```
db. stud.find({"rno" : 1})

db.inventory.find( { status: "A", qty: { $lt: 30 } } )
db.inventory.find( { $or: [ { status: "A" }, { qty: { $lt: 30 } } ] } )
db.inventory.find( {
   status: "A",
   $or: [ { qty: { $lt: 30 } }, { item: /^p/ } ]
} )
db. stud.findOne({"rno" : 1})
```