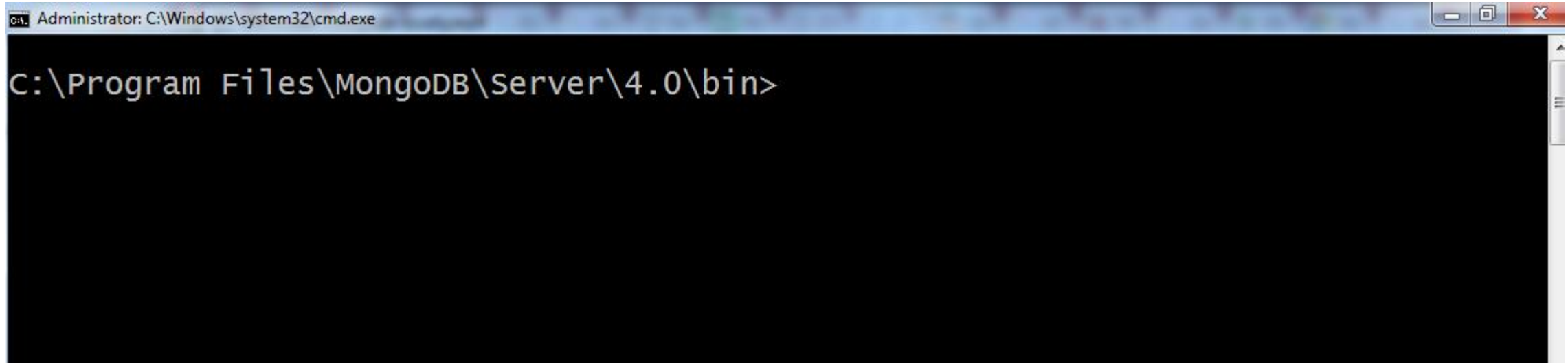


MongoDB Command

#MongoDB Notes

Mongo DB Path

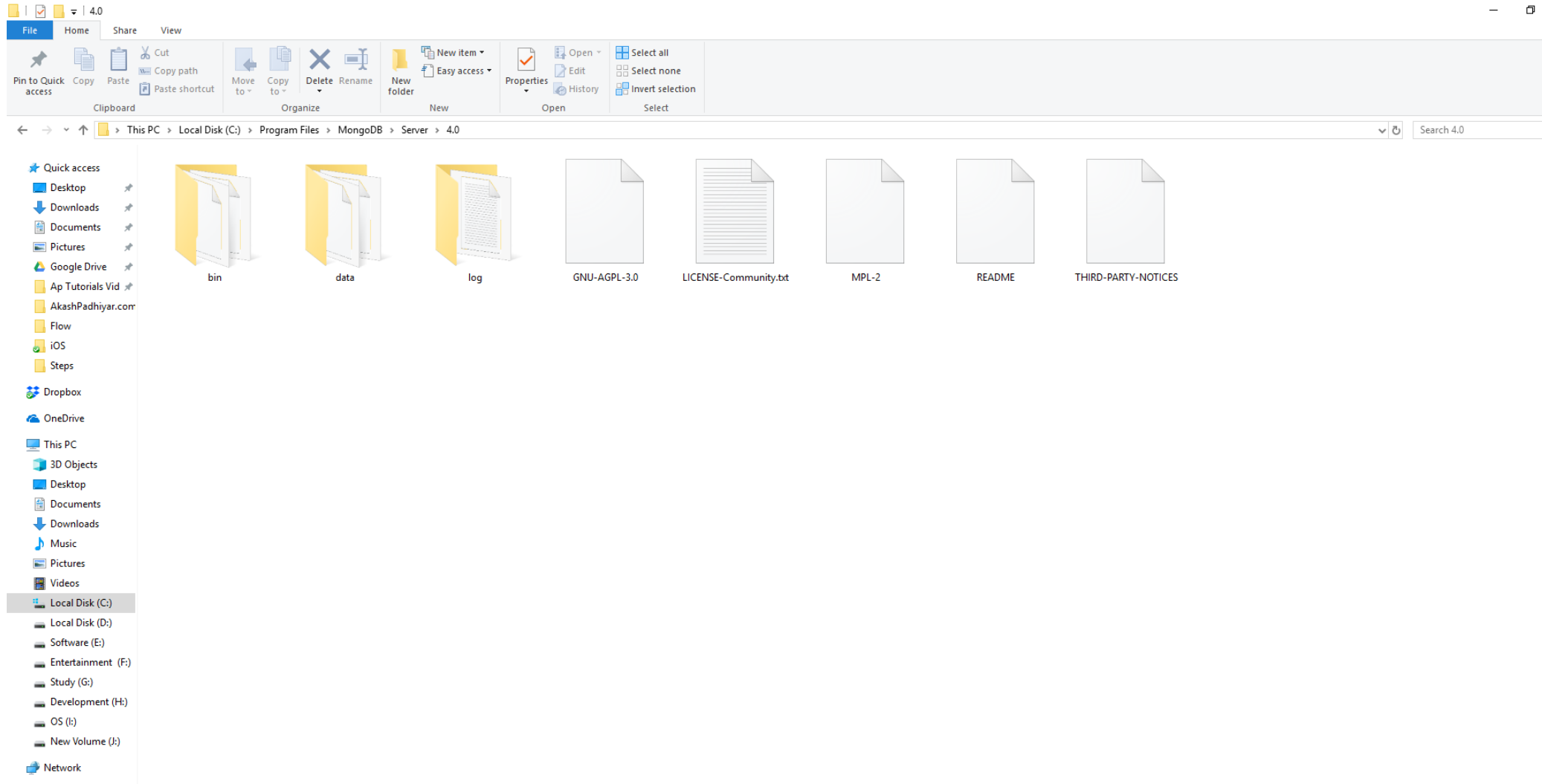
- Mongo DB Install Path



A screenshot of a Windows command prompt window. The title bar at the top reads "Administrator: C:\Windows\system32\cmd.exe". The command prompt shows the current directory as "C:\Program Files\MongoDB\Server\4.0\bin>".



Mongo DB Installation Directory



Connect MongoDB Using Command Line

- Command :- mongo
 - Connect Mongo DB Server

```
C:\Program Files\MongoDB\Server\4.0\bin>mongo
MongoDB shell version v4.0.0
connecting to: mongodb://127.0.0.1:27017
MongoDB server version: 4.0.0
Server has startup warnings:
2018-06-30T11:12:55.273+0530 I CONTROL [initandlisten]
2018-06-30T11:12:55.273+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2018-06-30T11:12:55.273+0530 I CONTROL [initandlisten] **           Read and write access to data and configuration is u
nrestricted.
2018-06-30T11:12:55.273+0530 I CONTROL [initandlisten]
---
Enable MongoDB's free cloud-based monitoring service to collect and display
metrics about your deployment (disk utilization, CPU, operation statistics,
etc).

The monitoring data will be available on a MongoDB website with a unique
URL created for you. Anyone you share the URL with will also be able to
view this page. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command:
db.enableFreeMonitoring()
---
```



List Of Database

- Command :- show dbs
- It will Display List of Database

```
> show dbs
admin      0.0000GB
config     0.0000GB
local      0.0000GB
myDb       0.0000GB
>
```



Create Database

- Command :- Use DATABASE_NAME
- Use mydb
- Use Command will Create or Select Database

```
> use myDb  
switched to db myDb  
>
```



Create Collection

- Command :- `db.createCollection(name)`
- It will create Student table name
- `db.createCollection("test")`

```
> db.createCollection("student")
{ "ok" : 1 }
>
```



Drop Collection

- Command :- `db.COLLECTION_NAME.drop()`
- Delete Student Collection
- `db.test.drop()`

```
> db.student.drop()  
true  
>
```



Insert Document

- Command :- **db.COLLECTION_NAME.insert(document)**

- **Insert Record in Collection**

- **db.test.insert([**
- **... name:'akash',**
- **... gender:'male'**
- **...]])**

```
> db.createCollection("student")
{ "ok" : 1 }
> db.student.insert([
... id: 1,
... name: 'Akash Padhiyar',
... email_id: 'akash.padhiyar@gmail.com'
... ])
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 1,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "upserted" : [ ]
})
>
```



Display Document

- Command:- **db.COLLECTION_NAME.find()**
- **Display Student Records**
- **db.test.find()**

```
> db.student.find()
{ "_id" : ObjectId("5b374acd750f9fa3ebccb0c4"), "id" : 1, "name" : "Akash Padhiyar", "email_id" : "akash.padhiyar@gmail.com" }
>
```



Display Document In Formatted Way

- Command :- `db.COLLECTION_NAME.find().pretty()`
- Display Record in Proper Format
- `db.test.find().pretty()`

```
> db.student.find().pretty()
{
  "_id" : ObjectId("5b374acd750f9fa3ebccb0c4"),
  "id" : 1,
  "name" : "Akash Padhiyar",
  "email_id" : "akash.padhiyar@gmail.com"
}
```



Update Document

- Command :- **db.COLLECTION_NAME.update(SELECTION_CRITERIA, UPDATED_DATA)**

```
> db.student.update({"name":"Akash Padhiyar"},{$set:{"name":"Akash Technolabs"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.student.find()
{ "_id" : ObjectId("5b374acd750f9fa3ebccb0c4"), "id" : 1, "name" : "Akash Technolabs", "email_id" : "akash.padhiyar@gmail.com" }
>
```



Delete Document

- Command :- **db.COLLECTION_NAME.remove(DELETION_CRITTERIA)**
- Delete Particular record

```
> db.student.remove({"id" : 1})  
WriteResult({ "nRemoved" : 1 })
```



Drop Database

- Command :- **db.dropDatabase()**
- Delete Database

```
> db.dropDatabase()  
{ "dropped" : "myDb", "ok" : 1 }  
>
```



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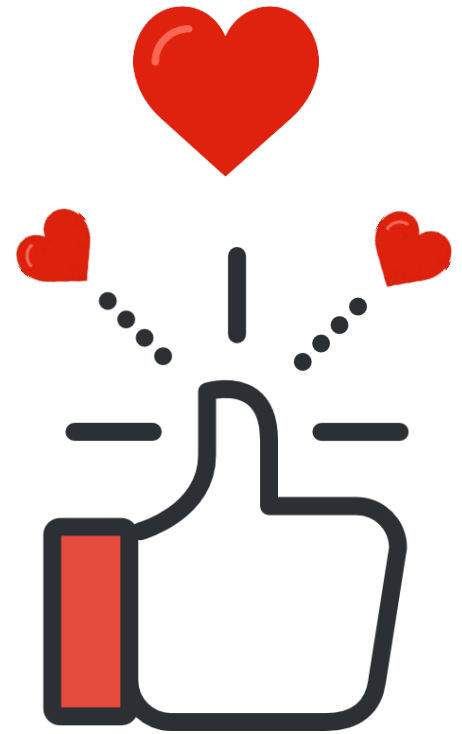
Just Dial

https://www.justdial.com/Ahmedabad/Akash-Technolabs-Navrangpura-Bus-Stop-Navrangpura/079PXX79-XX79-170615221520-S5C4_BZDET



Sulekha

<https://www.sulekha.com/akash-technolabs-navrangpura-ahmedabad-contact-address/ahmedabad>





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