**What is Mongodb ?**

* Used to store huge data as documents. It has collection just like tables in relational databases. It has no schema. We can use JSON object to store data here but behind the scene mongodb server stores this json into binary format.

**What is mongod?**

* It is a ececutable file, used to start the mongodb server locally

**What is mongo/mongosh?**

* It is a mongodb shell, used to connect to mongodb to execute our queries.

We can specify the location where we want to save our data in local. But it should have data and logs folder inside it. Then start the server like the following:

mongod --dbpath /path/data --logpath /path/logs/mongo.log

In Windows there is an option to start mongodb as a service so it will be running all the time in background.

**How do I start/stop MongoDB from running in the background?**

* One liner to start or stop mongodb service using command line.

1. To start the service use: NET START MONGODB.

2. To stop the service use: NET STOP MONGODB.

**Command to show all the database**: show dbs

**Create or use a dtabase**: use <db\_name>

**To use a collection and store one data**: db.products.insertOne({name:"Abhishek Ghosh",age:24}) it will create a document in products collection. After inserting one document it will give one id and acknowledgement. We can also insert nested documents.

**To show all the datas in products collection use this command**: db.products.find()

**To show it in a json structure:** db.products.find().pretty()