**What is noSQL?**

**How to perform CRUD Operation?**

**How to do it Programatically?**

NoSQL is used to refer to nay data store that does not follow the trditional RDBCS model

The data is non-relational

It does not use SQL as the qrery language

**Why NoSQL**

Offers rich query language

Easy Saclability

No Schema Required Non relational

Highlty Distributable

High performace with high availabiltiiy

**Why NoSQL**

**Schema agnostic**

A db schema is the description of all possible data and adata structures in a rellational database.

Commodity hardware

Highly Distributable

MongoDB is a document oriented Database.

**To Create Collection**

db.createCollection(“Collection\_name”);

**To insert a document**

**db.collection\_name.insertOne({JSON})**

By default mongo will give an ID as **\_id**

**To See all the collections**

* show collections

**To drop collection**

Db.collection\_name.drop()

**To insert many**

Db.collection\_name.insertMany([JSON])

**To limit**

Db.collection\_name.find().limit();

**To Skip**

Db.collection\_name.find().skip();

**To Sort**

Db.collection\_name.find().sort({key:+1})

**Query Documents - Filters**

Db.collection\_name.find({field:value}).pretty()

Db.find(‘field.nestedField’)