MongoDB Basics:

* MongoDB is an open-source document database and leading NoSQL database.
* MongoDB is written in C++.
* MongoDB is a cross-platform, document oriented database that provides, high performance, high availability, and easy scalability.
* MongoDB Commands are:

1. find:

* Find command is used to display that condition matching data’s (or) display all data’s from that db.

Command line:

>db.user.find() – This command is used to display all data’s.

>db.user.find({“age”:20}) – It display data which is matched with that query only.

* Example:

>db.user.insert({“name”:”bhavani”, “gender”: “female”, “village”: “srk”})

>db.user.insert({“name”:”sayee”, “gender”: “male”, “village”: “srk”})

>db.user.insert({“name”:”bava”, “gender”: “female”, “village”: “srk”})

>db.user.insert({“name”:”priya”, “gender”: “female”, “village”: “srk”})

>db.user.find({“gender”:”male”})

* It will display which one is has that gender into “male” only.

Like: { “name”: “sayee” “gender”: “male” “village”: “srk”}

>db.users.find().pretty()

Using this command to beatify the code, Like:

{

“name” : “sayee”

“gender” : “male”

“village” : “srk”

}

2. insert:

* Insert command is used to add some data’s into that DB.

Command line:

>db.user.insert({“”: “”, “”: “”})

* Example:

>db.user.insert({“name”:”bhavani”, “gender”: “female”, “village”: “srk”})

* This command is used to add the data’s.

3. update with special flags:

* Update command used to modify the record which is already inserted. Update have special flags that are: 1.multi

2.upsert.

* If Multi flag is true in that specific command then that command is apply for multiple records which are match that query.

Command line:

>db.user.update({“village” : “srk”},{$set:{“village” : “sri rama kuppam”}},{$multi:true})

* This command used to change village name which are have village=srk to village:sri rama kuppam. Here multi flag is used. So this changes is apply for multiple records.

4. remove:

* Remove command is used to remove that id, record etc.

Command line:

>db.user.remove({“-id”:object(“56ba3541b2c36n8778v”)})

* Now that is removed.Which record id is match to this query then it will removed

5. regex in find query:

* Regex means regular expression, mongo DB allow user to change something with the use of regular expression pattern. If u want to change some sting then use regex and change it if that pattern is matched.

Command line:

>>db.user.find({},{ “name” : 1},{})