**MONGO DB BASICS:**

**FIND:**

To select data from a collection in Mongo DB, we can use the find() after each operation if we search using find command it will return our results.

**SYNTAX:**

Db.collection.find(query,projection).

**Example:**

>db.users.find()

//it will list all items inserted in a collection.

//to make it a clear and beautify order use bellow command

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

//it will show in structured manner.

**INSERT:**

If the collection does not currently exist, insert operation will create the collection. When the insert is done it will also create the own objectId and displays in results.

**Syntax:**

>db.collection.insert()

**Example:**

>db.users.insert({“ firstname”:”charan”,”lastname”:”kv”,”occupation”:”doctor”})

WriteResult({ "nInserted" : 1 })

//new collection is inserted into db.

**UPDATE WITH SPECIAL FLAG:**

Provides regular expression capabilities for pattern matching strings in queries. MongoDB uses Perl compatible regular expressions.

**SYNTAX:**

{<field>:/pattern/options }

Example:

db.users.update({"village":"srk"}, {$set:{"village":"sriramakupam"}} ,{$multi:true})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

db.user.find().pretty()

{

"\_id" : ObjectId("5b12dd060208e36b84f53c85"),

"name" : "bhava",

"age" : "21",

"village" : "srk"

}

{

"\_id" : ObjectId("5b12def20208e36b84f53c86"),

"name" : "priya",

"age" : "20",

"village" : "sri rama kuppam"

}

{

"\_id" : ObjectId("5b12e0250208e36b84f53c88"),

"name" : "anitha",

"age" : 20,

"village" : "srk"

}

**REMOVE:**

It is used to remove a document in collection.

**SYNTAX:**

>db.users.remove({“id”})

**EXAMPLE:**

>db.user.remove({ "\_id" : ObjectId("5b12e0250208e36b84f53c88")

})

**REGEX IN FINDING QUERY:**

This regular expression pattern matches with the collection and returns the matched pattern collections as the result.

**SYNTAX:**

>db.users.find({},{“firstname”:1},{“id”:0}).pretty().