1. **db :** To display the current database being used. (test is the default database)
2. **use <*database*> :** To switch database. If it doesn’t exist create a new database.
3. **show dbs :** To list the available databases.
4. **db.getSiblingDB(<*database*>); :** To access a different database from the current database without switching current database context (db).
5. **db.help(); :** To list out all the commands.
6. **show collections :** To list out all the available collections.
7. **db.createCollection(<*name*>,<*options*>) :** To create a collection.
   1. name (string) : Name of the collection to be created.
   2. Options (document) : (Optional)Specify options about memory size and indexing.
      1. *capped (boolean)* : (Optional) If true, enables a capped collection. Capped collection is a fixed size collection that automatically overwrites its oldest entries when it reaches its maximum size. If you specify true, you need to specify size parameter also.
      2. *autoIndexID* *(boolean)* : (Optional) If true, automatically create index on \_id fields Default value is false.
      3. *size (number) :* (Optional) Specifies a maximum size in bytes for a capped collection. If capped is true, then you need to specify this field also.
      4. *max (number) :* (Optional) Specifies the maximum number of documents allowed in the capped collection.

**e.g.** db.createCollection(“myCollection”);

db.createCollection(“myCollection1”, {capped : true, autoIndexID : true, size : 6142800, max : 1500});

1. **db.collection.insertOne() :** Inserts a single document into the collection.

e.g. db.users.insertOne(

{

name : “Suchintak”,

age : 26,

status : “new”

}

);

1. **db.collection.insertMany() :** Inserts multiple documents into the collection. (new in version 3.2)

e.g. db.users.insertMany(

[

{ name: "Akash", age: 26, status: "confirmed" },

{ name: "Vivek", age: 25, status: "confirmed" },

{ name: "Suman", age: 24, status: "new" }

]

);

1. **db.collection.insert()** : Adds new documents to a collection. It can take either a single document or an array of documents to insert.