MongoDb  
-To start with go to mongodb shell and run mongodosh

* then to check the databases in mongo use

**show dbs**

* switch the database use   
  **use databasename**
* I want to create collection on database I will use   
  db.createCollection(“student”)
* If I want to drop that I will use

Db.dropDatabase()

* TO create documents in collection we can use   
  db.collection\_name.insertOne({key:”value”})

Ex:db.student.insertOne({name:”spongeBob”,age:30,salary:26400})

* To see the data inside the document   
  db.student.find()
* TO insert the many record in document we can use  
  db.student.insertmany([{name:"patrick",age:44,salary:10000},{name:"gary",age:6,salary:200},{name:"sandy",age:16,salary:10000}])
* How to Sort the documents in db  
  db.student.find().sort({name:1})
* How to find and filter data in mongodb  
  db.student.sort({query},{projection})  
  Ex: I want to find the studne bases on there name and only name of that student then  
  db.student.find({name:”spongebob”},{\_id:false,name:true}
* How to Update Filed in mongoDb  
  db.student.updateOne({name:"spongeBob"},{$set:{fulltime:true}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

school> db.student.find({name:"spongeBob"})

[

{

\_id: ObjectId('65fd28f1562b44cf1cd14a0f'),

name: 'spongeBob',

Age: 30,

salar: 264200,

fulltime: true

}

]

* Update anythings bases on there id  
  school> db.student.updateOne({ \_id: ObjectId('65fd28f1562b44cf1cd14a0f')},{$set:{fulltimr:false}})
* To remove any filed from document use update one like this  
  school> db.student.updateOne({ \_id: ObjectId('65fd28f1562b44cf1cd14a0f')},{$unset:{fulltime:""}})
* Comparison operator  
  school> db.student.find({name:{$ne:"spongeBob"}})
* How to do comparion lte,gte,gt,le

Db.student.find({name:{$ne:”spongeBob”}})

Greater than and less than equal

db.student.find({age:{$gt:6,$lt:44}})

* And operator  
  school> db.student.find({$and:[{fulltime:false},{age:{$gte:6}}]})

Ex2: school> db.Teacher.find({$and:[{fulltime:true},{age:{$gte:26,$lt:29}}]})