**INSTALL MONGODB**

**INSTALL MONGOSH(MONGODB SHELL)**

1. **use krishna;** -to switch to Krishna database./ create database named Krishna.
2. **db.createCollection("awt")** – creates a collection named awt.
3. **Show dbs;** - lists all the databases.
4. **show collections;** -shows the collections in the current database.
5. **db.awt.insertOne({name:"krishna",surname:"b"})**; –insert single object.
6. **db.awt.insertMany([{name:"aashka"},{name:"p"}]);** -to insert many objects at once each curly bracket set contains one object.
7. **db.awt.find(); -**to retrieve all documents in the collection**. db.awt.find().pretty();**
8. **db.awt.find({name:"kri"}); -** to find a particular condition filtered element(of name kri)
9. **db.awt.findOne() –** gives first document.
10. **db.awt.findOne({name:"kri"}); -** retrieves the first entry that satisfies the query condition(name: kri)
11. **db.awt.deleteOne({name:'kri'});** - deletes the first document with given query.
12. **db.awt.deleteMany({name:'kri'});** - deletes all the documents with given query.
13. **db.awt.update({name:'aashka'},{$set:{surname:'raval'}}); -** Updates document with applied query and sets the given value.
14. **db.awt.update({name:'kri'},{$set:{surname:'b'}}, {upsert:true}); -** creates a new document in the collection if no document matches the query.
15. **db.awt.update({name:'krishna'},{$inc:{rollno:2}})** – increments rollno by 2 counts. To decrement the rollno by 2 counts simply **{$inc:{rollno:-2}**

**$min – replaces value if given is lower.**

**$max – replaces value if given is higher.**

**$mul – multiplies the given value by given value.**

1. **db.awt.drop**();- drops the collection. Returns true once done.
2. **db.awt.aggregate({$count:"my count"}); -** counts the documents in the collection.

Other commands can also be explored at: <https://www.mongodb.com/docs/manual/reference/method/db.collection.insert/>