MONGO DB QUESTIONS

QS : 1

- ➤ Create a database (Eg : MyCev)
- ➤ Create a collection (Eg: db_mca)
- ➤ Create a collection (Eg: db_cs)
- ➤ Insert 10 data to the collection
- ➤ List the first 5 data from the collection (limit)
- ➤ List the entire data except first 2 data (skip)
- ➤ Sort the data by choosing any field in the collection
- ➤ Delete data from the collection
- ➤ Drop the collection (db_cs)
- ➤ Drop Database

*> **use MyCev**

*> **db.createCollection("MCA")**

*> **db.createCollection("CS")**

*>**db.MCA.insert([{"regno":1,"name":"Athira","age":22},{"regno":2,"name":"Aparna","age":24},{ "regno":3,"name":"karthika","age":23},{"regno":4,"name":"Bavitha","age":23},{"regno":5,"name ":"Akshara","age":22},{"regno":6,"name":"Ashitha","age":22},{"regno":7,"name":"sahna","age": 22},{"regno":8,"name":"Athulya","age":22},{"regno":9,"name":"Gopika","age":22},{"regno":10,"n ame":"Navya","age":22}])**

*> **db.MCA.find().pretty()**

*>**db.CS.insert([{"rno":100,"name":"Arundathi","place":"calicut"},{"rno":101,"name":"Anusree"," place":"koilandi"},{"rno":102,"name":"Arathi","place":"koilandy"},{"rno":103,"name":"sruthi","pl ace":"vadakara"},{"rno":104,"name":"sneha","place":"calicut"},{"rno":105,"name":"Arya","place ":"koilandi"},{"rno":106,"name":"anu","place":"kannur"},{"rno":107,"name":"amrutha","place":" kannur"},{"rno":108,"name":"gopika","place":"alapuzha"},{"rno":109,"name":"sherin","place":"k oilandi"}])**

*> **db.CS.find().pretty()**

*> **db.MCA.find({}).limit(5)**

{ "_id" : ObjectId("614ab225262f51c94946a163"), "regno" : 1, "name" : "Athira", "age" : 22 }

{ "_id" : ObjectId("614ab311262f51c94946a164"), "regno" : 2, "name" : "Aparna", "age" : 22 }

{ "_id" : ObjectId("614ab36a262f51c94946a165"), "regno" : 3, "name" : "karthika", "age" : 23 }

{ "_id" : ObjectId("614ab39f262f51c94946a166"), "regno" : 4, "name" : "Bavitha", "age" : 23 }

{ "_id" : ObjectId("614ab41e262f51c94946a167"), "regno" : 5, "name" : "Akshara", "age" : 22 }

*> db.MCA.find({}).skip(2)

{ "_id" : ObjectId("614ab36a262f51c94946a165"), "regno" : 3, "name" : "karthika", "age" : 23 }

{ "_id" : ObjectId("614ab39f262f51c94946a166"), "regno" : 4, "name" : "Bavitha", "age" : 23 }

{ "_id" : ObjectId("614ab41e262f51c94946a167"), "regno" : 5, "name" : "Akshara", "age" : 22 }

{ "_id" : ObjectId("614ab44f262f51c94946a168"), "regno" : 6, "name" : "Ashitha", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a169"), "regno" : 7, "name" : "sahna", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a16a"), "regno" : 8, "name" : "Athulya", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a16b"), "regno" : 9, "name" : "Gopika", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a16c"), "regno" : 10, "name" : "Navya", "age" : 22 }

*> db.CS.find({}).limit(5)

{ "_id" : ObjectId("614ab882262f51c94946a16d"), "rno" : 100, "name" : "Arundathi", "place" : "calicut" }

{ "_id" : ObjectId("614ab882262f51c94946a16e"), "rno" : 101, "name" : "Anusree", "place" : "koilandi" }

{ "_id" : ObjectId("614ab882262f51c94946a16f"), "rno" : 102, "name" : "Arathi", "place" : "koilandy" }

{ "_id" : ObjectId("614ab882262f51c94946a170"), "rno" : 103, "name" : "sruthi", "place" : "vadakara" }

{ "_id" : ObjectId("614abaac262f51c94946a171"), "rno" : 104, "name" : "sneha", "place" : "calicut" }

*> db.CS.find({}).skip(2)

{ "_id" : ObjectId("614ab882262f51c94946a16f"), "rno" : 102, "name" : "Arathi", "place" : "koilandy" }

{ "_id" : ObjectId("614ab882262f51c94946a170"), "rno" : 103, "name" : "sruthi", "place" : "vadakara" }

{ "_id" : ObjectId("614abaac262f51c94946a171"), "rno" : 104, "name" : "sneha", "place" : "calicut" }

{ "_id" : ObjectId("614abaac262f51c94946a172"), "rno" : 105, "name" : "Arya", "place" : "koilandi" }

{ "_id" : ObjectId("614abaac262f51c94946a173"), "rno" : 106, "name" : "anu", "place" : "kannur" }

{ "_id" : ObjectId("614abaac262f51c94946a174"), "rno" : 107, "name" : "amrutha", "place" : "kannur" }

{ "_id" : ObjectId("614abb09262f51c94946a175"), "rno" : 108, "name" : "gopika", "place" : "alapuzha" }

{ "_id" : ObjectId("614abb09262f51c94946a176"), "rno" : 109, "name" : "sherin", "place" : "koilandi"
}

*> db.MCA.find({},{"Name":1}).sort({"Name":1})

{ "_id" : ObjectId("614ab225262f51c94946a163") }

{ "_id" : ObjectId("614ab311262f51c94946a164") }

{ "_id" : ObjectId("614ab36a262f51c94946a165") }

{ "_id" : ObjectId("614ab39f262f51c94946a166") }

{ "_id" : ObjectId("614ab41e262f51c94946a167") }

{ "_id" : ObjectId("614ab44f262f51c94946a168") }

{ "_id" : ObjectId("614ab569262f51c94946a169") }

{ "_id" : ObjectId("614ab569262f51c94946a16a") }

{ "_id" : ObjectId("614ab569262f51c94946a16b") }

{ "_id" : ObjectId("614ab569262f51c94946a16c") }

*> db.MCA.find({},{"name":1}).sort({"name":1})

{ "_id" : ObjectId("614ab41e262f51c94946a167"), "name" : "Akshara" }

{ "_id" : ObjectId("614ab311262f51c94946a164"), "name" : "Aparna" }

{ "_id" : ObjectId("614ab44f262f51c94946a168"), "name" : "Ashitha" }

{ "_id" : ObjectId("614ab225262f51c94946a163"), "name" : "Athira" }

{ "_id" : ObjectId("614ab569262f51c94946a16a"), "name" : "Athulya" }

{ "_id" : ObjectId("614ab39f262f51c94946a166"), "name" : "Bavitha" }

{ "_id" : ObjectId("614ab569262f51c94946a16b"), "name" : "Gopika" }

{ "_id" : ObjectId("614ab569262f51c94946a16c"), "name" : "Navya" }

{ "_id" : ObjectId("614ab36a262f51c94946a165"), "name" : "karthika" }

{ "_id" : ObjectId("614ab569262f51c94946a169"), "name" : "sahna" }

*> db.MCA.find({},{"name":1}).sort({"name":-1})

{ "_id" : ObjectId("614ab569262f51c94946a169"), "name" : "sahna" }

{ "_id" : ObjectId("614ab36a262f51c94946a165"), "name" : "karthika" }

{ "_id" : ObjectId("614ab569262f51c94946a16c"), "name" : "Navya" }

{ "_id" : ObjectId("614ab569262f51c94946a16b"), "name" : "Gopika" }

{ "_id" : ObjectId("614ab39f262f51c94946a166"), "name" : "Bavitha" }

{ "_id" : ObjectId("614ab569262f51c94946a16a"), "name" : "Athulya" }

{ "_id" : ObjectId("614ab225262f51c94946a163"), "name" : "Athira" }

{ "_id" : ObjectId("614ab44f262f51c94946a168"), "name" : "Ashitha" }

{ "_id" : ObjectId("614ab311262f51c94946a164"), "name" : "Aparna" }

{ "_id" : ObjectId("614ab41e262f51c94946a167"), "name" : "Akshara" }

*> db.MCA.remove({"name":"Athira"})

*> db.MCA.find()

{ "_id" : ObjectId("614ab311262f51c94946a164"), "regno" : 2, "name" : "Aparna", "age" : 22 }

{ "_id" : ObjectId("614ab36a262f51c94946a165"), "regno" : 3, "name" : "karthika", "age" : 23 }

{ "_id" : ObjectId("614ab39f262f51c94946a166"), "regno" : 4, "name" : "Bavitha", "age" : 23 }

{ "_id" : ObjectId("614ab41e262f51c94946a167"), "regno" : 5, "name" : "Akshara", "age" : 22 }

{ "_id" : ObjectId("614ab44f262f51c94946a168"), "regno" : 6, "name" : "Ashitha", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a169"), "regno" : 7, "name" : "sahna", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a16a"), "regno" : 8, "name" : "Athulya", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a16b"), "regno" : 9, "name" : "Gopika", "age" : 22 }

{ "_id" : ObjectId("614ab569262f51c94946a16c"), "regno" : 10, "name" : "Navya", "age" : 22 }

*> show collections

CS

MCA

*> db.CS.drop()

true

*> show collections

MCA

*> db.dropDatabase()

{ "ok" : 1 }

> show dbs

admin   0.000GB

config 0.000GB

local   0.000GB

school 0.000GB

>