**ASSIGNMENT : 10**

* **Create/Use database:**

MongoDB Enterprise > use sample

switched to db sample

* **Show database:**

MongoDB Enterprise > show dbs

admin 0.000GB

local 0.000GB

sample 0.000GB

* **Drop database:**

MongoDB Enterprise > db.dropDatabase()

{ "ok" : 1 }

* **Create collection:**

MongoDB Enterprise > db.createCollection("emp")

{ "ok" : 1 }

* **Show collections:**

MongoDB Enterprise >show collections

emp

movie

* **Drop collections:**

MongoDB Enterprise > db.movie.drop()

true

MongoDB Enterprise > show collections

emp

* **Insert Documents:**

MongoDB Enterprise > db.emp.insert({"eid":1,"ename":"Chetan","sal":100000,"city":"Pune"})

WriteResult({ "nInserted" : 1 })

MongoDB Enterprise > db.emp.insert({"eid":2,"ename":"Parth","sal":90000,"city":"Kota"})

WriteResult({ "nInserted" : 1 })

MongoDB Enterprise > db.emp.insert({"eid":3,"ename":"Nishant","sal":70000,"city":"Patna"})

WriteResult({ "nInserted" : 1 })

MongoDB Enterprise > db.emp.insert({"eid":4,"ename":"yogesh","sal":80000,"city":"Nashik"})

WriteResult({ "nInserted" : 1 })

MongoDB Enterprise > db.emp.insert({"eid":5,"ename":"Roshan","sal":60000,"city":"jalgaon"})

WriteResult({ "nInserted" : 1 })

MongoDB Enterprise > db.emp.insert({"eid":6,"ename":"Nikhil","sal":50000,"city":"Ranchi"})

WriteResult({ "nInserted" : 1 })

MongoDB Enterprise > d db.emp.insert({"eid":7,"ename":"Ajay","sal":85000,"city":"Akola"})

WriteResult({ "nInserted" : 1 })

MongoDB Enterprise > db.emp.insert({"eid":8,"ename":"Milind","sal":45000,"city":"Patna"})

WriteResult({ "nInserted" : 1 })

* **Read Documents:**

MongoDB Enterprise > db.emp.find().pretty()

{

"\_id" : ObjectId("59b967cf18040d5dad8592bb"),

"eid" : 1,

"ename" : "Chetan",

"sal" : 100000,

"city" : "Pune"

}

{

"\_id" : ObjectId("59b9685a18040d5dad8592bd"),

"eid" : 2,

"ename" : "Parth",

"sal" : 90000,

"city" : "Kota"

}

{

"\_id" : ObjectId("59b9687018040d5dad8592be"),

"eid" : 3,

"ename" : "Nishant",

"sal" : 70000,

"city" : "Patna"

}

{

"\_id" : ObjectId("59b9688e18040d5dad8592c0"),

"eid" : 4,

"ename" : "yogesh",

"sal" : 80000,

"city" : "Nashik"

}

{

"\_id" : ObjectId("59b968ac18040d5dad8592c1"),

"eid" : 5,

"ename" : "Roshan",

"sal" : 60000,

"city" : "jalgaon"

}

{

"\_id" : ObjectId("59b968c218040d5dad8592c2"),

"eid" : 6,

"ename" : "Nikhil",

"sal" : 50000,

"city" : "Ranchi"

}

{

"\_id" : ObjectId("59b968dd18040d5dad8592c3"),

"eid" : 7,

"ename" : "Ajay",

"sal" : 85000,

"city" : "Akola"

}

{

"\_id" : ObjectId("59b968ff18040d5dad8592c4"),

"eid" : 8,

"ename" : "Milind",

"sal" : 45000,

"city" : "Patna"

}

* **Update:**

MongoDB Enterprise > db.emp.update({"ename":"Milind"},{$set: {"ename":"Manish"}})

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

MongoDB Enterprise > db.emp.find({"eid":8}).pretty()

{

"\_id" : ObjectId("59b968ff18040d5dad8592c4"),

"eid" : 8,

"ename" : "Manish",

"sal" : 45000,

"city" : "Patna"

}

* **Delete/remove :**

MongoDB Enterprise > db.emp.remove({"ename":"Manish"})

WriteResult({ "nRemoved" : 1 })

MongoDB Enterprise > db.emp.find()

{ "\_id" : ObjectId("59b967cf18040d5dad8592bb"), "eid" : 1, "ename" : "Chetan", "sal" : 100000, "city" : "Pune" }

{ "\_id" : ObjectId("59b9685a18040d5dad8592bd"), "eid" : 2, "ename" : "Parth", "sal" : 90000, "city" : "Kota" }

{ "\_id" : ObjectId("59b9687018040d5dad8592be"), "eid" : 3, "ename" : "Nishant", "sal" : 70000, "city" : "Patna" }

{ "\_id" : ObjectId("59b9688e18040d5dad8592c0"), "eid" : 4, "ename" : "yogesh", "sal" : 80000, "city" : "Nashik" }

{ "\_id" : ObjectId("59b968ac18040d5dad8592c1"), "eid" : 5, "ename" : "Roshan", "sal" : 60000, "city" : "jalgaon" }

{ "\_id" : ObjectId("59b968c218040d5dad8592c2"), "eid" : 6, "ename" : "Nikhil", "sal" : 50000, "city" : "Ranchi" }

{ "\_id" : ObjectId("59b968dd18040d5dad8592c3"), "eid" : 7, "ename" : "Ajay", "sal" : 85000, "city" : "Akola" }

* **Save:**

MongoDB Enterprise > db.emp.save({"\_id":ObjectId("59b968c218040d5dad8592c2"),

"eid":6,"ename":"Rohal","sal":20000,"city":"Pune"})

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

MongoDB Enterprise > db.emp.find().pretty()

{

"\_id" : ObjectId("59b967cf18040d5dad8592bb"),

"eid" : 1,

"ename" : "Chetan",

"sal" : 100000,

"city" : "Pune"

}

{

"\_id" : ObjectId("59b9685a18040d5dad8592bd"),

"eid" : 2,

"ename" : "Parth",

"sal" : 90000,

"city" : "Kota"

}

{

"\_id" : ObjectId("59b9687018040d5dad8592be"),

"eid" : 3,

"ename" : "Nishant",

"sal" : 70000,

"city" : "Patna"

}

{

"\_id" : ObjectId("59b9688e18040d5dad8592c0"),

"eid" : 4,

"ename" : "yogesh",

"sal" : 80000,

"city" : "Nashik"

}

{

"\_id" : ObjectId("59b968ac18040d5dad8592c1"),

"eid" : 5,

"ename" : "Roshan",

"sal" : 60000,

"city" : "jalgaon"

}

{

"\_id" : ObjectId("59b968c218040d5dad8592c2"),

"eid" : 6,

"ename" : "Rohal",

"sal" : 20000,

"city" : "Pune"

}

{

"\_id" : ObjectId("59b968dd18040d5dad8592c3"),

"eid" : 7,

"ename" : "Ajay",

"sal" : 85000,

"city" : "Akola

}

* **AND:**

MongoDB Enterprise > db.emp.find({$and:[{"ename":"Chetan"}, {"city":"Pune"}]}).pretty()

{

"\_id" : ObjectId("59b967cf18040d5dad8592bb"),

"eid" : 1,

"ename" : "Chetan",

"sal" : 100000,

"city" : "Pune"

}

* **OR:**

MongoDB Enterprise > db.emp.find({$or:[{"ename":"Chetan"}, {"city":"Kota"}]}).pretty()

{

"\_id" : ObjectId("59b967cf18040d5dad8592bb"),

"eid" : 1,

"ename" : "Chetan",

"sal" : 100000,

"city" : "Pune"

}

{

"\_id" : ObjectId("59b9685a18040d5dad8592bd"),

"eid" : 2,

"ename" : "Parth",

"sal" : 90000,

"city" : "Kota"

}