**Mongosh OR MongoDB shell commands**

Create New database (newdb)

test> use newdb

switched to db newdb

Create New Collection

newdb> db.createCollection("student");

{ ok: 1 }

InsertOne

newdb> db.student.insertOne({"name":"Alice","srn":"123","dept":"CSE"});

{

acknowledged: true,

insertedId: ObjectId("671faa1de74f642fb9bc3a28")

}

InsertMany

newdb> db.student.insertMany([{"name":"Bob","srn":"124","dept":"CSE"}, {"name":"Tim","srn":"125","dept":"ECE"}]);

{

acknowledged: true,

insertedIds: {

'0': ObjectId("671faa6ce74f642fb9bc3a29"),

'1': ObjectId("671faa6ce74f642fb9bc3a2a")

}

}

**Find**

newdb> db.student.find();

[

{

\_id: ObjectId("671faa1de74f642fb9bc3a28"),

name: 'Alice',

srn: '123',

dept: 'CSE'

},

{

\_id: ObjectId("671faa6ce74f642fb9bc3a29"),

name: 'Bob',

srn: '124',

dept: 'CSE'

},

{

\_id: ObjectId("671faa6ce74f642fb9bc3a2a"),

name: 'Tim',

srn: '125',

dept: 'ECE'

}

]

**Find**

newdb> db.student.find({name:"Tim"});

[

{

\_id: ObjectId("671faa6ce74f642fb9bc3a2a"),

name: 'Tim',

srn: '125',

dept: 'ECE'

}

]

**FindOne**

newdb> db.student.findOne({dept:"CSE"});

{

\_id: ObjectId("671faa1de74f642fb9bc3a28"),

name: 'Alice',

srn: '123',

dept: 'CSE'

}

newdb> show dbs

admin 40.00 KiB

config 108.00 KiB

local 40.00 KiB

newdb 72.00 KiB

**UpdateOne**

newdb> db.student.updateOne({name:"Alice"},{$set:{dept:"ECE"}});

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

newdb> db.student.find();

[

{

\_id: ObjectId("671faa1de74f642fb9bc3a28"),

name: 'Alice',

srn: '123',

dept: 'ECE'

},

{

\_id: ObjectId("671faa6ce74f642fb9bc3a29"),

name: 'Bob',

srn: '124',

dept: 'CSE'

},

{

\_id: ObjectId("671faa6ce74f642fb9bc3a2a"),

name: 'Tim',

srn: '125',

dept: 'ECE'

}

]

**UpdateMany**

newdb> db.student.updateMany({dept:"ECE"},{$set:{dept:"CSE"}});

{

acknowledged: true,

insertedId: null,

matchedCount: 2,

modifiedCount: 2,

upsertedCount: 0

}

newdb> db.student.find();

[

{

\_id: ObjectId("671faa1de74f642fb9bc3a28"),

name: 'Alice',

srn: '123',

dept: 'CSE'

},

{

\_id: ObjectId("671faa6ce74f642fb9bc3a29"),

name: 'Bob',

srn: '124',

dept: 'CSE'

},

{

\_id: ObjectId("671faa6ce74f642fb9bc3a2a"),

name: 'Tim',

srn: '125',

dept: 'CSE'

}

]

DeleteOne

newdb> db.student.deleteOne({srn:"125"});

{ acknowledged: true, deletedCount: 1 }

newdb> db.student.find();

[

{

\_id: ObjectId("671faa1de74f642fb9bc3a28"),

name: 'Alice',

srn: '123',

dept: 'CSE'

},

{

\_id: ObjectId("671faa6ce74f642fb9bc3a29"),

name: 'Bob',

srn: '124',

dept: 'CSE'

}

]

newdb>