## PRACTICAL-3

## CREATING NEW DATA BASE

test> use userdb; switched to db userdb

**CREATING A NEW COLLECTION**

userdb> db.createdCollection('users')

TypeError: db.createdCollection is not a function userdb> db.createCollection('users')

{ ok: 1 }

## CREATE OPERATION INSERTONE()

userdb> db.users.insertOne({name : 'Harsh' , age : 21});

{

acknowledged: true,

insertedId: ObjectId("65d8b33fa5f76c4e0b6e9859")

}

## INSERTMANY()

userdb> db.collection.insertMany([{name : 'Shree' , age : 18 } , {name : 'tanmay' , age : 23 } , {name : 'rohit' , age : 36}]);

{

acknowledged: true, insertedIds: {

'0': ObjectId("65d8b396a5f76c4e0b6e985a"),

'1': ObjectId("65d8b396a5f76c4e0b6e985b"),

'2': ObjectId("65d8b396a5f76c4e0b6e985c")

}

}

# READ OPERATIONS FIND()

userdb> db.users.find() [

{ \_id: ObjectId("65d8b33fa5f76c4e0b6e9859"), name: 'Harsh', age: 21 }

]

userdb> db.collection.find() [

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 },

{

\_id: ObjectId("65d8b396a5f76c4e0b6e985b"), name: 'tanmay',

age: 23

},

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }

]

userdb> db.collection.find({age : { $gt : 20 } }, {name : 1 , age : 1}) [

{

\_id: ObjectId("65d8b396a5f76c4e0b6e985b"), name: 'tanmay',

age: 23

},

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }

]

# FINDONE()

userdb> db.collection.findOne();

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 }

**UPDATE OPERATION**

## UPDATEONE()

userdb> db.collection.updateOne({name : 'tanmay' } , { $set : { name : 'harsh'} } )

{

acknowledged: true, insertedId: null, matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

userdb> db.collection.find(); [

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 },

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985b"), name: 'harsh', age: 23 },

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }

]

# UPDATEMANY()

userdb> db.collection.updateMany({ age : { $lt : 30 } } , { $set : { status : "active" } } )

{

acknowledged: true, insertedId: null, matchedCount: 2,

modifiedCount: 2,

upsertedCount: 0

}

# DELETE OPERATOINS

userdb> db.user.deleteOne({name : 'harsh'})

{ acknowledged: true, deletedCount: 0 }

## DELETEMANY()

userdb> db.collection.deleteMany({age : { $lt : 25 } } )

{ acknowledged: true, deletedCount: 2 } userdb> db.collection.find();

[

{ \_id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }

]

# DROP()

userdb> db.users.drop() true

userdb> db.users.find()

userdb>