**Mongo DB Assignment 1**

> db.createCollection("users");

{ "ok" : 1 }

> db.users.insert({ name:"prerna",age:26,status:"pending"});

WriteResult({ "nInserted" : 1 })

> db.users.insert({ name:"diya",age:56,status:"paid"});

WriteResult({ "nInserted" : 1 })

> db.users.insert({ name:"riya",age:36,status:"pending"});

WriteResult({ "nInserted" : 1 })

> db.users.insert({ name:"jerry",age:16,status:"paid"});

WriteResult({ "nInserted" : 1 })

> db.users.find().pretty();

{

"\_id" : ObjectId("59ef754fd6da8280a3cb1462"),

"name" : "prerna",

"age" : 26,

"status" : "pending"

}

{

"\_id" : ObjectId("59ef758ed6da8280a3cb1463"),

"name" : "diya",

"age" : 56,

"status" : "paid"

}

{

"\_id" : ObjectId("59ef75dcd6da8280a3cb1464"),

"name" : "riya",

"age" : 36,

"status" : "pending"

}

{

"\_id" : ObjectId("59ef75f9d6da8280a3cb1465"),

"name" : "jerry",

"age" : 16,

"status" : "paid"

}

**> db.users.find().limit(2);**

{ "\_id" : ObjectId("59f0183aaaed4a6f1c1477c9"), "name" : "prerna", "age" : 26, "status" : "pending" }

{ "\_id" : ObjectId("59f01862aaed4a6f1c1477ca"), "name" : "diya", "age" : 56, "status" : "paid" }

**> db.users.find().skip(1);**

{ "\_id" : ObjectId("59f01862aaed4a6f1c1477ca"), "name" : "diya", "age" : 56, "status" : "paid" }

{ "\_id" : ObjectId("59f01870aaed4a6f1c1477cb"), "name" : "riya", "age" : 36, "status" : "pending" }

{ "\_id" : ObjectId("59f0187caaed4a6f1c1477cc"), "name" : "jerry", "age" : 16, "status" : "paid" }

**\*\*Update status as “rejected” if age is less than 18\*\***

> db.users.update({age:{$lt:18}},{$set:{status:"rejected"}});

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

> db.users.find();

{ "\_id" : ObjectId("59f0183aaaed4a6f1c1477c9"), "name" : "prerna", "age" : 26, "status" : "pending" }

{ "\_id" : ObjectId("59f01862aaed4a6f1c1477ca"), "name" : "diya", "age" : 56, "status" : "paid" }

{ "\_id" : ObjectId("59f01870aaed4a6f1c1477cb"), "name" : "riya", "age" : 36, "status" : "pending" }

{ "\_id" : ObjectId("59f0187caaed4a6f1c1477cc"), "name" : "jerry", "age" : 16, "status" : "rejected" }

\***\* Delete Operation \*\***

**> db.users.deleteOne({name:"prerna"});**

{ "acknowledged" : true, "deletedCount" : 1 }

> db.users.find();

{ "\_id" : ObjectId("59f01862aaed4a6f1c1477ca"), "name" : "diya", "age" : 56, "status" : "paid" }

{ "\_id" : ObjectId("59f01870aaed4a6f1c1477cb"), "name" : "riya", "age" : 36, "status" : "pending" }

{ "\_id" : ObjectId("59f0187caaed4a6f1c1477cc"), "name" : "jerry", "age" : 16, "status" : "rejected" }

**> db.users.deleteMany({age:{$gt:20}});**

{ "acknowledged" : true, "deletedCount" : 2 }

> db.users.find();

{ "\_id" : ObjectId("59f0187caaed4a6f1c1477cc"), "name" : "jerry", "age" : 16, "status" : "rejected" }