# **NO SQL Customer Database**

### **Question (week-09)**

1. Create a collection by name Customers with the following attributes.Cust\_id, Acc\_Bal, Acc\_Type
2. Insert at least 5 values into the table
3. Write a query to display those records whose total account balance is greater than 1200 of account type ‘Z’ for each customer\_id.
4. Determine Minimum and Maximum account balance for each customer\_id.
5. Export the created collection into local file system
6. Drop the table
7. Import a given csv dataset from the local file system into mongodb collection.

### **Create Table:**

db.**createCollection**("Customer");



# **Inserting values into the table.**

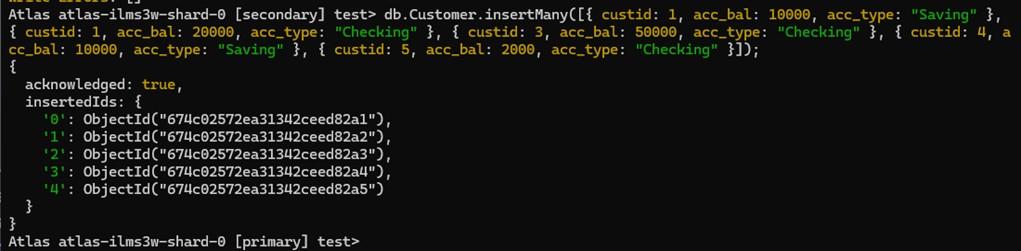
db.Customer.insertMany([{custid: 1, acc\_bal:10000, acc\_type:"Saving"},

{custid: 1, acc\_bal:20000, acc\_type: "Checking"},

{custid: 3,acc\_bal:50000, acc\_type: "Checking"},

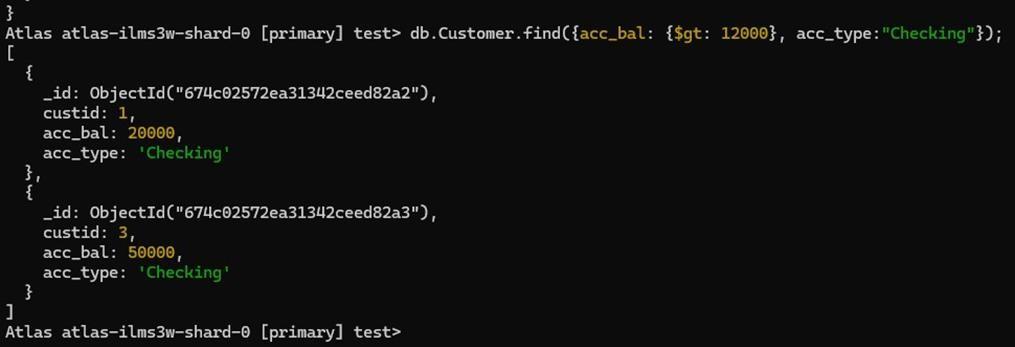
{custid: 4, acc\_bal:10000,acc\_type: "Saving"},

{custid: 5, acc\_bal:2000, acc\_type: "Checking"}]);



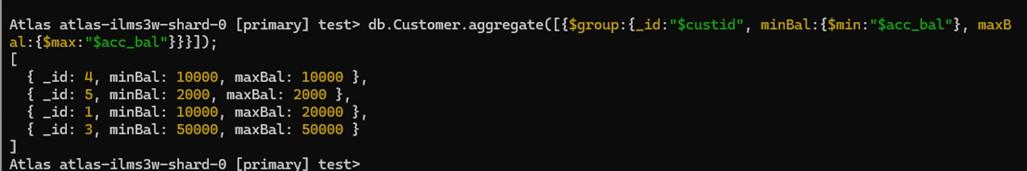
## **Queries**

Finding all checking accounts with balance greater than 12000 db.Customer.find({acc\_bal: {$gt: 12000}, acc\_type:"Checking"});

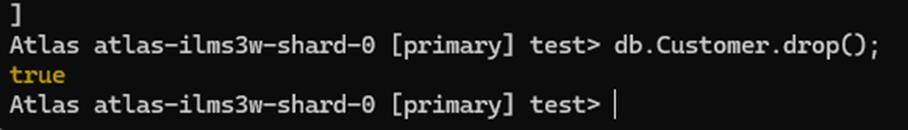


#### **Finding the maximum and minimum balance of each customer**

db.Customer.aggregate([{$group:{\_id:"$custid", **minBal**:{$min:"$acc\_bal"}, **maxBal**:{$max:"$acc\_bal"}}}]);



#### **Dropping collection “Customer”**

db.Customer.drop();

#### **Exporting the collection to a json file**

mongodb+srv://architavcs23:<db\_password>@cluster0.memuu.mongodb.net/-- collection=Customer-- out C:\Users\vijay\Documents\test.Customer.json

#### **Exporting from a json file to the collection**

mongodb+srv://architavcs23:<db\_password>@cluster0.memuu.mongodb.net/-- collection=Customer-- out C:\Users\vijay\Documents\test.Customer.json

db.Customer.find();