**NoSQL (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.

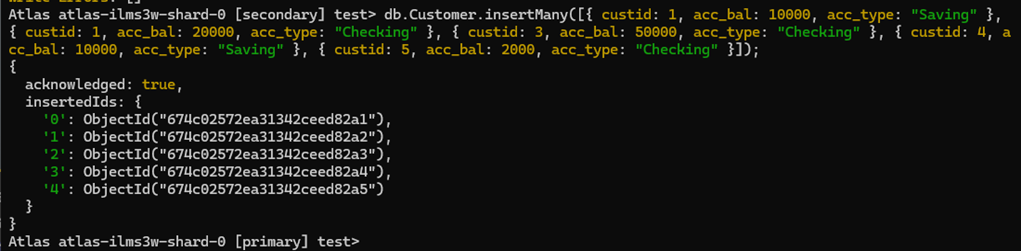
db.Customer.insertMany([{custid: 1, acc\_bal:10000, acc\_type:"Saving"},

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

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

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

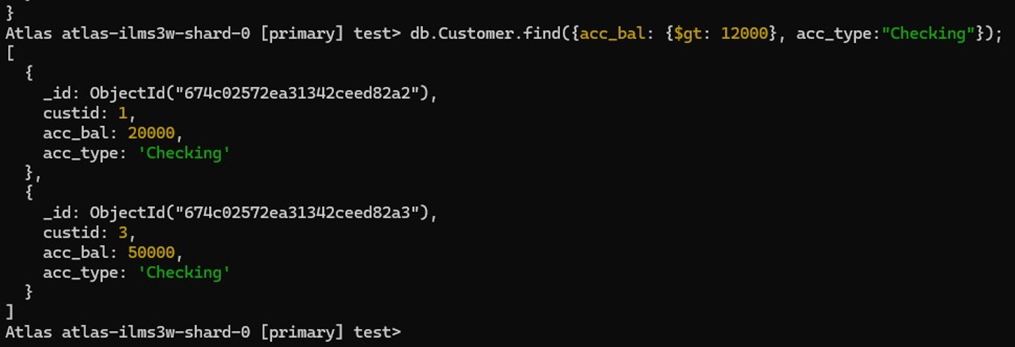
{custid: 5, acc\_bal:2000, acc\_type: "Checking"}]);



# Queries

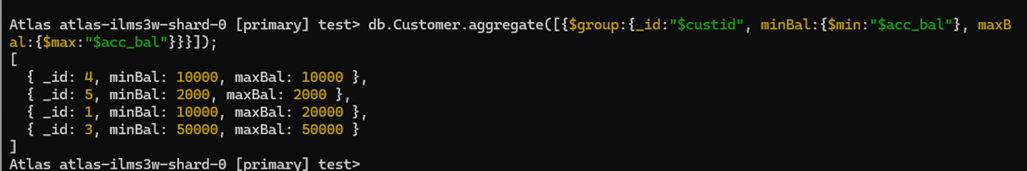
Finding all checking accounts with balance greater than 12000

db.Customer.find({acc\_bal: {$gt: 12000}, acc\_type:"Checking"});



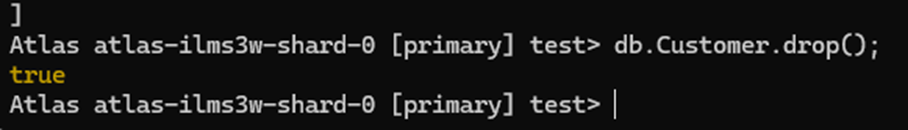
**Finding the maximum and minimum balance of each customer**

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();

