Lab 1:  
MongoDB Crud Operations:

1.Perform the following DB operations using MongoDB.

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  
  
Code:  
Use myDB;

db.createCollection(“Customers”);

db.Customers.insertMany([{CustID:10,AccType:'Z',AccBal:15000},{CustID:12,AccType:'A',AccBal:34000},{CustID:12,AccType:'Z',AccBal:1000},{CustID:14,AccType:'B',AccBal:15200}]);

db.Customers.aggregate({$match:{AccType:'Z'}},{$group:{\_id:"$CustID",TotAccBal:{$sum: "$AccBal"}}},{$match:{TotAccBal:{$gt: 1200}}});

db.Customers.aggregate({$group:{\_id:"$CustID",MaxAccBal:{$max:"$AccBal"},MinAccBal:{$min:"$AccBal"}}});

Output screenshots:  
