Big Data Analytics Lab

IBM17CS114
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Question 2

1. use mydb
   db.createCollection("customer")

2. db.customer.insert({_id:1, balance: 17000, type:"z"})

   db.customer.insert({_id:2, balance: 15000, type:"A"})

3. db.customer.find({balance:{$gt:12000}, type:"z"})

4. db.customer.aggregate([
   {
   $group:{
   _id:"$id",
   min_bal:{$min:"$balance"},
   max_bal:{$max:"$balance"}
   }
   }
   ]);

5. mongoexport -d mydb -c customer -f id, balance, type --type=csv -o customer.csv

6. db.customer.drop()

7. mongoimport -d mydb -c customer --type csv --file customer.csv

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Question 1

1. use mydb

   db.createCollection("Student")

2. db.student.insert({id:1, roll:12, age:20, phone:9880179699, mail:"someone@example.com"})
   db.student.insert({id:2, roll:13, age:21, phone:6809971642, mail:"rocky@plateau.com"})
   db.student.insert({id:3, roll:14, age:22, phone:9009464327, mail:"bob@apple.com"})
   db.student.insert({id:4, roll:10, age:21, phone:1234975621, mail:"rob@banana.com"})

3. db.student.update({_id:4, roll:10}, {$set:{mail:"rat@robbery.com"}}, {upsert=true});

4. db.student.update({_id:1, roll:12}, {$set:{name:"FEM"}}, {upsert:true});

   db.student.find().pretty()

> mongoexport --db student --collection student --output student.json

> mongoimport --db student --collection student.csv