Lab 3 – 1BM17CS085

1) Student collection

show dbs
use local

db.createCollection('Student')

db.Student.insert({rollno: 1, name:"AAA", age:20, pno:1234, email:"a@a.com"})
db.Student.insert({rollno: 5, name:"BBB", age:21, pno:2345, email:"b@b.com"})
db.Student.insert({rollno: 10, name:"CCC", age:19, pno:3456, email:"c@c.com"})
db.Student.insert({rollno: 11, name:"ABC", age:22, pno:4567, email:"d@d.com"})

db.Student.update({rollno:10},{$set:{email:"e@e.com"}})
db.Student.update({rollno:11},{$set:{name:"FEM"}},{upsert:false})

#Exporting the table
mongoexport --collection=Student --db=local --out=temp.csv

db.Student.drop()

mongoimport --db local -c Student --type csv --headerline --file temp.csv

2) Customers collection

show dbs
use local
db.createCollection('Customers')

db.Customers.insert({cId: 1, cur_acc_bal:1500, acc_bal:[100,1400,1600,1500] ,acc_type:"Z"})
db.Customers.insert({cId: 2, cur_acc_bal:500, acc_bal:[1000,1200,1500,500] ,acc_type:"Y"})
db.Customers.insert({cId: 3, cur_acc_bal:1000, acc_bal:[400,500,600,1000] ,acc_type:"Z"})
db.Customers.insert({cId: 4, cur_acc_bal:1300, acc_bal:[700,1200,1000,1300] ,acc_type:"Y"})
db.Customers.insert({cId: 5, cur_acc_bal:1400, acc_bal:[400,200,1200,1400] ,acc_type:"Z"})

db.Customers.find({cur_acc_bal:{$gt:1200}, acc_type:"Z"},{})
db.Customers.aggregate([{ $project:{ balMin:{ $min:"$acc_bal" }, balMax:{ $max: "$acc_bal"}}}])

#Exporting the table
mongoexport --collection=Customers --db=local --out=custTemp.csv

db.Customers.drop()

mongoimport --db local -c Customers --type csv --headerline --file custtemp.csv