

12-10-20

## LAB-3

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Sub: BDA

### Part-A

use Database

db.createCollection('Student')

db.Student.insert({RollNo: 10, Age: 23, Mob: 9999988888, Name: "Abc", Email: "abc@gmail.com"})

db.Student.insert({RollNo: 11, Age: 20, Mob: 9999988887, Name: "ABC", Email: "efg@gmail.com"})

db.Student.insert({RollNo: 8, Age: 22, Mob: 9999988886, Name: "lmn", Email: "lmn@gmail.com"})

db.Student.update({RollNo: 10, \$set: {Email: "ABC@gmail.com", Name: "ABC"}}

db.Student.update({~~RollNo: 10~~, \$set: {Name: "FEM", ~~Email: "ABC@gmail.com"~~}}

\* mongoexport -d Database -c Student -f RollNo, Age, Mob, Name, Email --type=csv -o Student.csv

\* db.Student.drop()

\* mongoimport -d Database -c Student --type csv --file

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## Part - B

use Database

db.createCollection('Customers')

db.Customers.insert({cust-id: 1, AccBal: 1600, AccType: "Z"})

db.Customers.insert({cust-id: 2, AccBal: 4000, AccType: "Z"})

db.Customers.insert({cust-id: 3, AccBal: 5000, AccType: "B"})

db.Customers.insert({cust-id: 4, AccBal: 3500, AccType: "Z"})

db.Customers.insert({cust-id: 5, AccBal: 6000, AccType: "A"})

db.Customers.find({AccBal: { \$gt: 1200 }, AccType: "Z"})

db.Customers.aggregate([  
 { \$group: { \_id: "\$cust-id",  
 min-bal: { \$min: "\$AccBal",  
 max-bal: { \$max: "\$AccBal" } } } ])

mongoexport -d Database -c Customers -f cust-id, AccBal,  
AccType --type=csv -o Customers.csv

db.Customers.drop()

mongoimport -d Database -c Customers --type csv --file