

Lab-3
BDA.

Saurav Rijal
LBMIT7CS140
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Q.No. 1

- a) use bda-lab3;
db.createCollection("Students")
- b) db.students.insert({Rollno: 11, Name: "ABC", phone: "7337760588",
emailid: "abc@bmsce.ac.in", age: 18})
db.students.insert({Rollno: 10, Name: "Saurav", phone: "9845580834",
emailid: "saurav@bmsce.ac.in", age: 22})
- c) db.students.update({Rollno: 10}, {\$set: {Emailid: "saurijal@gmail.com"}})
db.students.find()
- d) db.students.update({Rollno: 11, Name: "ABC"}, {\$set: {Name: "FEM"}})
- e) mongoexport --host localhost --db bda-lab3 --collection
students --type=csv --out Students.csv --fields Rollno, Name,
phone, emailid, age
- f) use students
db.students.drop();
- g) mongoimport --host localhost --db bda-lab3 --collection students
--type=csv --file Students.csv --headerline

Saurav

Q. 2)

a) Use Customers

```
db.createCollection("Customers")
```

b)

```
db.Customers.insert({Cust_id:1, Acc_Bal: 200, Acc_Type: "z"})  
db.Customers.insert({Cust_id: 2, Acc_Bal: 300, Acc_Type: "y"})  
db.Customers.insert({Cust_id: 3, Acc_Bal: 600, Acc_Type: "z"})
```

c)

```
db.Customers.aggregate([{$match: {$Acc_Type: "z"}},  
{$group: {_id: {$Cust_id: "$Cust_id"}, total_balance: {$sum: "$Acc_Bal"}}},  
{$match: {'total_balance': {$gt: 100 1200}}}]
```

d)

```
db.Customers.aggregate([{$group: {_id: {$Cust_id: "$Cust_id"},  
Acc_Type: "$Acc_Type"}, min_balance: {$min: "$Acc_Bal"},  
max_balance: {$max: "$Acc_Bal"}}]})
```

e)

```
mongoexport --host localhost --db Customers --collection  
Customers --type=csv --out Customers.csv --fields Cust_id,  
Acc_Type, Acc_Bal
```

f)

```
db.Customers.drop();
```

g)

```
mongoimport --host localhost --db Customers --collection  
Customers --type=csv --file Customers.csv --headerline
```