

BDA LAB 3

Tanusha S

IBM17CS115

12/10/2020

1)

use Student

> db.createCollection("student")

> db.student.insertMany([

{ "Name": "Tanusha",

"Rollno": 10,

"Age": 21,

"ContactNo": 9663950759,

"EmailId": "tanusha.cs17@bmsce.ac.in"

},

{ "Name": "Ram"

"Rollno": 23,

"Age": 22,

"ContactNo": 9035179131,

"EmailId": "ram.cs17@bmsce.ac.in"},

{ "Name": "Sita"

"Rollno": 93

"Age": 20

"ContactNo": 9663975462

"EmailId": "sita.is17@bmsce.ac.in"

},

Jul

```
{ "Name": "Geeta"  
  "Rollno": 110,  
  "Age": 19,  
  "ContactNo": 9673507591,  
  "EmailId": "geeta.ec17@bmsce.ac.in"}  
}
```

```
(3) > db.Student.update({ "Rollno": 10 },  
  { $set: { "EmailId": "tanusha88@gmail.com" } },  
  { upsert: true })
```

```
(4) > db.Student.update({ "Rollno": 11 },  
  { $set: { "Name": "Geeta Bhat" } },  
  { upsert: true })
```

```
(5) > mongoexport mongoexport --db Student -c Student  
  --type = csv  
  --out bda - student.csv
```

```
(6) > db.Student.drop()
```

```
(7) > mongoimport mongoimport --db Student -c Student  
  --type csv  
  --file bda - student.csv --headerline
```

2)

(1) > use Student

> db.createCollection("Customers")

(2) > db.Customers.insertMany([

{ Cust_id : 1, Acc_Bal : 1202, Acc_Type : "A"},

{ Cust_id : 2, Acc_Bal : 120003, Acc_Type : 'Z'

{ Cust_id : 3, Acc_Bal : 12000, Acc_Type : 'Z'

{ Cust_id : 4, Acc_Bal : 1999, Acc_Type : 'Z'

{ Cust_id : 5, Acc_Bal : 1300, Acc_Type : 'A'

{ Cust_id : 4, Acc_Bal : 20000, Acc_Type : 'A'}]

)

(3) > db.Customers.find({ Acc_Bal : {\$gt: 1200},
Acc_Type : 'Z' }).

(4) > db.Customers.aggregate({ \$group : { _id :
"\$ Cust_id", minimum : { \$min : "\$Acc_Bal"},
maximum : { \$max : "\$Acc_Bal" } } })

(5) > ~~mongo~~ mongoexport --db Student -c
Customers --type=csv --out bda-customers.csv

JS

Tanusha S
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(6) > db.Customers.drop()

(7) > ~~mongoimport~~ mongoimport --db Student
--collection CustomersNew --type csv --file bda-customers.csv

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