

08/10/2020

IBM18CS413

Nagamma

BDA-LAB

1. Create Student database

```
use StudentDB;
```

```
db;
```

```
db.createCollection("student");
```

Insert

```
db.student.insert({Rollno: "11", age name: abc "nagamma",  
age: "21", contactno: "12345678", Email-id: "nagamma@gmail.com"});
```

```
db.student.insert({Rollno: "10", name: "lavanya",  
age: "21", contactno: "23456178", Email-id: "lavanya@gmail.com"});
```

Update

```
db.student.update({Rollno: "10"}, { $set: {  
email-id: "lavanya.cs18@bmsce.ac.in"} });
```

Replace

```
db.student.update({Rollno: "11"}, { $set: {name:  
"FEM"} });
```

Export

```
mongoexport --dbtest --collection Student --csv-  
fieldFile d:\fields.txt --out d:\output.txt
```


Drop

```
db.student.drop();
```

Import

```
mongoimport --db test --collection sample csv --
type csv -- headerline -- Fid & \ Sample.txt
```

② use custdb;

```
db;
```

```
db.createcollection("customers");
```

```
db.customers.insert({Cust-id: "123", Acc-Bal:
"50,000", Acc-Type: "Z"});
```

```
db.customers.insert({Cust-id: "123", Acc-Bal: "20000",
Acc-Type: "Saving"});
```

```
db.customers.insert({Cust-id: "123", Acc-Bal: "25000",
Acc-Type: "Z"});
```

```
db.customers.insert({Cust-id: "123", Acc-Bal:
"10000", Acc-Type: "Z"});
```

```
db.customers.aggregate({$match: {Acc-type: "Z"},
{$group: {_id: $Cust-id, tot-Acc-Bal: {$sum:
"$Acc-Bal"}}}, {$match: {Tot-Acc-Bal: {
$gt: 1200}}});
```



```
db.customers.aggregate({ $group: { -id:
"$cust-id", minAccBal: { $min: "$Acc-Bal" } } })
```

```
db.customers.aggregate({ $group: { -id:
"$cust-id", maxbal: { $max: "AccBal" } } })
```

```
Mongoexport --db test --collection Customers
--csv --field file d:/field.txt --out d:/
output.txt
```

```
drop.customers.drop();
```

```
Mongoimport --db test --collection SampleCSV --
csv --headerline --file d:/Sample.txt
```