6/10/2020

1. Create student database.

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

Insert

```
db.student.insert ({Rollno:"1", name:"lavanya", Age:"21", contactno:
    "9535456724", Email-Id: "lavanyag.cs17@bmsce.ac.in"});
db.student.insert ({Rollno:"10", name:"abc", Age:"21", contactno:"79752312",
    Email Id: "abc@bmsce.ac.in"});
```

Update

```
db.student.update({Rollno:"10"}, {$set:{Email-id:
                        abc.cs17@bmsce.ac.in"}});
```

Replace

```
db.student.update ({Rollno:"4", name:"4"}, {$set:{name:
                        "FEM"}});
```

Export

```
Mongoexport --db test -- Collection student -- csv -field File
    d:\fields.txt --out d:\output.txt.
```

Drop

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

Import

```
Mongoimport --db test -- collection samplecsv --type csv --
    headerline --fid d:\sample.txt.
```

(2)

```
use custdb;
db;
db.createCollection ("Customers");
db.customers.insert ({cust_id: "123", Acc.Bal: "50000",
   Acc.Type: "z"});
db.customers.insert ({cust_id: "123", Acc.Bal: "80000",
   Acc.Type: "saving"});
db.customers.insert ({cust_id: "123", Acc.Bal: "85000",
   Acc.Type: "z"});
db.customers.insert ({cust_id: "103", Acc.Bal: "7000",
   Acc.Type: "z"});


db.customers.aggregate ({$match: {AccType: "z"}},
   {$group: {_id: "$cust_id", TotAccBal: {$sum: "$AccBal"
      }}});


db.customers.aggregate ({$match: {AccType: "z"}},
   {$group


db.customers.aggregate ({$match: {Acc.Type: "z"}}
   {$group: {_id: "$cust_id", Acc.Bal: {$sum:
   "$Acc.Bal"}}}, {$match: {Tot_Acc.Bal: {
   $gt: 1800}}});


db.customers.aggregate ({$group:
   {_id: "$cust_id",
      minAccBal: {$min: "$Acc_Bal"}}})
```

```
db.customers.aggregate ( { $group :
  { _id : "$cust_id", maxbal : { $max : "Acebal" } } } )
```

```
Mongexport -- db test -- collection customers -- csv --
fieldfile d:/ field.txt -- out d:\output.txt.
```

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

```
Mongoimport -- db test -- collection samplecsv -- csv --
headerline -- file d:\ sample.txt
```