Lab - 3

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1. ① Creat database student with following attributes.

> use Student

i) db.createCollection("Student");

② Insert

db.Student.insert({Rollno:"1", name: "ABC",
age:"20", contactno:"9234578891",
email_id:" abc@gmail.com"});

db.Student.insert({Rollno:"2", name: "xyz",
age:"21", contactno:"9123567892",
email_id:" xyz@gmail.com"});

③ update Email-id of student with rollno = 10.

db.Student.update({Rollno:"10"}, {$set:{
email_id: "wxyz@gmail.com"}});

④ Replace
db.Student.update({Rollno:"1"}, {$set:{
name: "FEM"}});

⑤ Export
Mongoexport --db test student --collection Student
--csv --fieldFile d:\fields.txt --out d:\output.txt
--file D:\\output.csv --type csv --headerline
-f name, rollno, age, contactno, email_id --csv -o
D:\output.csv.

1. Drop

    db. student. drop()

2. Import

    Mongoimport --db tot student --collection student --file
    --type csv --headerline --file d:\sample.txt
    D://output.csv --type csv --headerline

2. 1. create database & collection & following attribute

    > use customer
    db. createCollection ("customer")

2. Insert

    db. customer. insert({ cust_id : "123", Acc_Bal : "50.000",
    Acc_Type: "ABC"});

    & db. customer. insert({ cust_id : "234", Acc_Bal: "60,000",
    Acc_Type : "XYZ" });

3.

    db. customer. aggregate ({ $match: { Acc_type : "z"}
    { $group: { _id: $cust_id, tot_Acc_Bal : { $sum:
    "$Acc_Bal"}}}, { $match: { Tot_Acc_Bal: {
    $gt: 1200}}});

4. Min & max

    db. customer. aggregate({ $group: { _id: "$cust_id",
    minAccBal: {$min: "$AccBal"}}});

5. Export

Mongoexpot -d Customer -c World Customer
-f cust-id, Acc-Bal, Acc-Type --csv -o
D:\output.csv

⑥ Drop

db-temp db. Customer.drop()

⑦ Import

& mongoimport --db Customer --collection
customer --file D://output.csv --type
csv --headerline