i) Create a collection called Student

use Lab1

db.createCollection("Student")

ii). Inserting record into Student

db.getCollection("Student").insert

({ "Rollno" : 13, "Age" : 19,

"ContactNo" : "9676567211", "Name" :

"UVW", "Emailid" : "uvw@gmail.

com" })

iii) Write a query to update the emailid of student with roll no 10

db.getCollection('Student').update

({ "Rollno" : 10 }, { $set : { "Emailid" :

"def@gmail.com" } })

iv). Replace the student name from "ABC" to "FEM" of roll no 11

db.getCollection('Student').update

({ "Rollno" : 11, "Name" : "ABC" },

{ $set : { "Name" : "FEM" } })

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v) Export the created table into local file system

Ans:- Mongo Export --db Lab1 --collection Student --csv --fieldFile "D:/fields.txt" --out "D:/output.txt"

vi). Drop the table.

Ans:- db.Student.drop()

vii). Import a csv dataset from local file system into mongodb collection

Ans:- Mongoimport --db Lab1 --collection food --type csv --headerline --file D:\food.txt

Experiment 2

i) Create Collection customer.

Ans:- db.createCollection("customer")

ii) Insert Records.

Ans:- db.Customer.insert({

"custid": 1001, "accounttype": "z",

"balance": 1500})

iii) Write a query to display those records whose total balance is greater than 1200 of account type 'z' for each customer id.

db.getCollection('customer').aggregate

([{$match{"accounttype": "z"}},

{$group: {_id: "$custid", "total balance": {$sum: "$balance"}}},

{$match: {"total balance": {$gt: 1200}}}])

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iii) Determine minimum and maximum account balance for each customer id.

db.getCollection('customer').aggregate({{$group : {_id : "$custid",

"totalbalance" : {$max : "$balance"}}}})

db.getCollection('customer').aggregate({{$group : {_id : "$custid",

"totalbalance" : {$min : "$balance"}}}})

iv) Export the created collection into local system.

Mongoexport --db Lab1 --collection customer --csv --fieldFile "D:/fields2.txt" --out "D:/output.txt"

vi) Drop the table.

db.Customer.drop()

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vii). Import the database

Mongoimport --db lab1 --collection food --type csv --headerline --file food.csv

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