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LAB-3

DATE:

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IBM17CS147

C3

1.) Student DB

use StudentDB;

① db.createCollection("Student");

② db.Student.insertMany([{"_id": 01, "Rollno": 10, "Age": 21, "Name": "Niya", "ContactNo": 9988776655, "EmailId": "niya@gmail.com"}, {"_id": 02, "Rollno": 11, "Age": 22, "Name": "ABC", "ContactNo": 998899899, "EmailId": "abc@gmail.com"}]);

③ db.Student.update({"Rollno": 10}, {"\$set": {"EmailId": "niya@gmail.com"}});

④ db.Student.update({"Rollno": 11}, {"\$set": {"Name": "FEM"}});

⑤ Mongo export -- db StudentDB -- collection Student -- out Student.csv

⑥ db.Student.drop();

⑦ Mongo import -- db StudentDB -- collection Student_New -- file Student.csv

2.) ① db.createCollection("Customers");

② db.Customers.insert({"_id": 1, "custid": 1, "accountbalance": 2000, "acctype": "savings"});

~~db.Customers.insert~~

③ db.Customers.find({"account": {"\$gte": 50000}, "acctype": "savings"});

④ db.Customers.aggregate([{"\$group": {"_id": "\$custid", "max_bal": {"\$max": "\$accountbalance"}, "min_bal": {"\$min": "\$accountbalance"}},

{"\$project": {"_id": 1, "max_bal": 1, "min_bal": 1}}]);

⑤ mongoexport -d Database -e customer -f customerid,
accountname, acctype --type=csv -o customer.csv

⑥ db.customer.drop()

⑦ mongoimport -d Database -c Customer --type
csv --file customer.csv