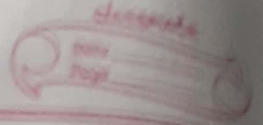


BDA LAB
12-10-2020

IBM17CS133

Divyanshu Jaiswal



Q1.

->

> use Students

> db.createCollection("Student")

> db.student.insert({id: 1, RollNo: "10",
Age: "18", ContactNo: "9876543210",
Email-id: "abc@bms.com"}

> db.student.insert({id: 2, RollNo: "11",
Age: "21", ContactNo: "453212",
Email-id: "def@bms.com"};

> db.student.update({id: 1, RollNo: "10"},
{ \$set: { "Email-id": "fgh@bms.com" } },
{ upsert: true };

> db.student.update({id: 1, RollNo: "10", Name:
"ABC"},
{ \$set: { Name: "FER" } })

> mongoexport --host localhost --db Students
--collection Students --type = csv
--out Students.csv --fields RollNo,
Name, ContactNo, EmailID, Age

> use Students

> db.Students.drop()

> mongoimport --host localhost --db Students
--collection Students --type = csv
--file Students.csv --headerline

Divyanshu

Q2.

> db.createCollection("Customers")

> db.Customers.insert { _id: 1, Cust-id: "1",
Acc-bal: "1500", Acc-type: "Savings" };

> db.Customers.insert { _id: 2, Cust-id: "2",
Acc-bal: "400", Acc-type: "Current" };

> db.Customers.find ({ Acc-bal: { "\$gt": 1200 } }
& Acc-type: "Savings");

> mongoexport --host localhost --db Customers
--collection Customer --type = csv
--out Customer.csv --fields Cust-id,
Acc-bal, Acc-type

> db.Customer.drop()

> mongoimport --host localhost --db Customer
--collection Customer --type = csv
--file Customer.csv --headerline

> db.Customers.aggregate ([{ \$group: {
"_id": "\$Cust-id",
"max-bal": { \$max: "\$Acc-bal" },
"min-bal": { \$min: "\$Acc-bal" }
}
}
]
);