

12 October 2020

USN:- IBM17C5125

I

1) use student;

```
2) db.Student.insert ( { -id: 1 , Name: "Vinu",
  Rollno: 10 , email: "vh@gmail.com",
  contactNo: 8050885383 , Age: 20 } );
```

```
db.Student.insert ( { -id: 2 , Name: "Abhi",
  Rollno: 11 , email: "Ab@gmail.com",
  contactNo: 8050934856 , Age: 21 } );
```

```
db.Student.insert ( { -id: 3 , Name: "Basu",
  Rollno: 12 , email: "Basu@gmail.com",
  contactNo: 9353463895 , Age: 20 } );
```

```
3) db.Student.update ( { -id: 1 , Rollno: 10 },
  { $set: { email: "vinuh@gmail.com" } },
  { upsert: true } );
```

```
4) db.Student.update ( { -id: 1 , Rollno: 11 },
  { $set: { Name: "Varun" } }, { upsert: true } );
```

```
db.Student.find().pretty()
```

```
5) mongo export -- db student -- collection student
-- out student json
```

```
6) db.student.drop()
```

```
2) mongo import -- db student student.csv
```

```
5) mongo export -- db student -- collection student
-- type - csv -- out d: student Data.csv -- fields
-id, Name, Rollno, Email, contact, Age
```

12

1) db.createCollection("customers");

2) db.customers.insertMany([
 { cust-id: 1, Acc-Bal: 1250, Acc-Type: 'Z' },
 { cust-id: 2, Acc-Bal: 1500, Acc-Type: 'S' },
 { cust-id: 3, Acc-Bal: 3000, Acc-Type: 'A' },
 { cust-id: 4, Acc-Bal: 2500, Acc-Type: 'Z' },
 { cust-id: 5, Acc-Bal: 4500, Acc-Type: 'A' }]);

3) db.customers.find({ Acc-Bal: { \$gt: 1200 },
 Acc-Type: "Z" }).pretty()

4) db.customers.aggregate([
 { \$group: {
 _id: "\$cust-id", minimum: { \$min: "\$Acc-Bal" },
 maximum: { \$max: "\$Acc-Bal" } } }])

5) mongodump -d Database -c Customer
 -f cust-id, Acc-bal, Acc-type
 --type=csv -o customer.csv

6) db.Customer.drop()

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