**Group:-B**

**ASSIGNMENNT:-2**

**Problem Statement:**-Design and Develop MongoDB Queries using CRUD operation. (Use CRUD operations , SAVE methods,logical operators).

1] Create a data base table for student (rollno,sname,sadd,city,phone,birthdate).

>use mydb

switched to db mydb

> db.createCollection("student")

{ "ok" : 1 }

> **db.student.insert({rollno:"101",sname:"rahul",sadd:"ram nagar",city:"nashik",phone:"1234567",birthdate:"20-02-2017"})**

WriteResult({ "nInserted" : 1 })

**> db.student.insert({rollno:"102",sname:"radhika",sadd:"sai nagar",city:"pune",phone:"12367867",birthdate:"21-03-2017"})**

WriteResult({ "nInserted" : 1 }) **>db.student.insert({rollno:"103",sname:"arnav",sadd:"dadar",city:"mumbai",phone:"123678977",birthdate:"06-06-2017"})**

WriteResult({ "nInserted" : 1 })

**> db.student.insert({rollno:"104",sname:"asta",sadd:"ram nagar",city:"nashik",phone:"1236789",birthdate:"06-07-2017"})**

WriteResult({ "nInserted" : 1 })

**> db.student.find().pretty()**

{

"\_id" : ObjectId("59dc76fba54b66504786398e"),

"rollno" : "101",

"sname" : "rahul",

"sadd" : "ram nagar",

"city" : "nashik",

"phone" : "1234567",

"birthdate" : "20-02-2017"

}

{

"\_id" : ObjectId("59dc772ea54b66504786398f"),

"rollno" : "102",

"sname" : "radhika",

"sadd" : "sai nagar",

"city" : "pune",

"phone" : "12367867",

"birthdate" : "21-03-2017"

}

{

"\_id" : ObjectId("59dc7768a54b665047863990"),

"rollno" : "103",

"sname" : "arnav",

"sadd" : "dadar",

"city" : "mumbai",

"phone" : "123678977",

"birthdate" : "06-06-2017"

}

{

"\_id" : ObjectId("59dc77c6a54b665047863991"),

"rollno" : "104",

"sname" : "asta",

"sadd" : "ram nagar",

"city" : "nashik",

"phone" : "1236789",

"birthdate" : "06-07-2017"

}

2] Change the city of the student having rollno ‘103’ to ‘pune’.

**> db.student.update({'rollno':'103'},{$set:{'city':'pune'}})**

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

**> db.student.find().pretty()**

{

"\_id" : ObjectId("59dc76fba54b66504786398e"),

"rollno" : "101",

"sname" : "rahul",

"sadd" : "ram nagar",

"city" : "nashik",

"phone" : "1234567",

"birthdate" : "20-02-2017"

}

{

"\_id" : ObjectId("59dc772ea54b66504786398f"),

"rollno" : "102",

"sname" : "radhika",

"sadd" : "sai nagar",

"city" : "pune",

"phone" : "12367867",

"birthdate" : "21-03-2017"

}

{

"\_id" : ObjectId("59dc7768a54b665047863990"),

"rollno" : "103",

"sname" : "arnav",

"sadd" : "dadar",

"city" : "pune",

"phone" : "123678977",

"birthdate" : "06-06-2017"

}

{

"\_id" : ObjectId("59dc77c6a54b665047863991"),

"rollno" : "104",

"sname" : "asta",

"sadd" : "ram nagar",

"city" : "nashik",

"phone" : "1236789",

"birthdate" : "06-07-2017"

}

3] Display all the records of student.

**> db.student.find().pretty()**

{

"\_id" : ObjectId("59dc76fba54b66504786398e"),

"rollno" : "101",

"sname" : "rahul",

"sadd" : "ram nagar",

"city" : "nashik",

"phone" : "1234567",

"birthdate" : "20-02-2017"

}

{

"\_id" : ObjectId("59dc772ea54b66504786398f"),

"rollno" : "102",

"sname" : "radhika",

"sadd" : "sai nagar",

"city" : "pune",

"phone" : "12367867",

"birthdate" : "21-03-2017"

}

{

"\_id" : ObjectId("59dc7768a54b665047863990"),

"rollno" : "103",

"sname" : "arnav",

"sadd" : "dadar",

"city" : "mumbai",

"phone" : "123678977",

"birthdate" : "06-06-2017"

}

{

"\_id" : ObjectId("59dc77c6a54b665047863991"),

"rollno" : "104",

"sname" : "asta",

"sadd" : "ram nagar",

"city" : "nashik",

"phone" : "1236789",

"birthdate" : "06-07-2017"

}

4] Remove student having ‘rollno’ = ‘101’.

**> db.student.remove({'rollno':'101'})**

WriteResult({ "nRemoved" : 1 })

**> db.student.find().pretty()**

{

"\_id" : ObjectId("59dc772ea54b66504786398f"),

"rollno" : "102",

"sname" : "radhika",

"sadd" : "sai nagar",

"city" : "pune",

"phone" : "12367867",

"birthdate" : "21-03-2017"

}

{

"\_id" : ObjectId("59dc7768a54b665047863990"),

"rollno" : "103",

"sname" : "arnav",

"sadd" : "dadar",

"city" : "pune",

"phone" : "123678977",

"birthdate" : "06-06-2017"

}

{

"\_id" : ObjectId("59dc77c6a54b665047863991"),

"rollno" : "104",

"sname" : "asta",

"sadd" : "ram nagar",

"city" : "nashik",

"phone" : "1236789",

"birthdate" : "06-07-2017"

}

5] Drop collection.

**> db.student.drop()**

true

**> db.student.find()**

6] Drop database.

**> db.dropDatabase()**

{ "dropped" : "crud", "ok" : 1 }