

Group:-B
ASSIGNMENT:-2

NAME:

ROLL NO:

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 }

```