

# NoSQL - 1 - Student Database

## Question:

(Week 8)

**1. Create a database “Student” with the following attributes Rollno, Age, ContactNo, Email-Id.**

```
db.createCollection("Student");
```

```
Atlas atlas-mdgaz1-shard-0 [primary] myDB> db.createCollection("Student");  
{ ok: 1 }
```

**2. Insert appropriate values**

```
db.Student.insert({RollNo:1, Age:21, Cont:9876, email:"antara.de9@gmail.com"});
```

```
db.Student.insert({RollNo:2, Age:22, Cont:9976, email:"anushka.de9@gmail.com"});
```

```
db.Student.insert({RollNo:3, Age:21, Cont:5576, email:"anubhav.de9@gmail.com"});
```

```
db.Student.insert({RollNo:4, Age:20, Cont:4476, email:"pani.de9@gmail.com"});
```

```
db.Student.insert({RollNo:10, Age:23, Cont:2276, email:"rekha.de9@gmail.com"});
```

```
[
  {
    _id: ObjectId("63bfcf9a56eba0e23c3a5c72"),
    RollNo: 1,
    Age: 21,
    Cont: 9876,
    email: 'antara.de9@gmail.com'
  },
  {
    _id: ObjectId("63bfcfb456eba0e23c3a5c73"),
    RollNo: 2,
    Age: 22,
    Cont: 9976,
    email: 'anushka.de9@gmail.com'
  },
  {
    _id: ObjectId("63bfcfd156eba0e23c3a5c74"),
    RollNo: 3,
    Age: 21,
    Cont: 5576,
    email: 'anubhav.de9@gmail.com'
  },
  {
    _id: ObjectId("63bfcfe456eba0e23c3a5c75"),
    RollNo: 4,
    Age: 20,
    Cont: 4476,
    email: 'pani.de9@gmail.com'
  },
  {
    _id: ObjectId("63bfcff656eba0e23c3a5c76"),
    RollNo: 5,
    Age: 23,
    Cont: 2276,
    email: 'rekha.de9@gmail.com'
  }
]
```

### 3. Write a query to update the Email-Id of a student with rollno 10.

```
db.Student.update({RollNo:10},{ $set:{email:"Abhinav@gmail.com"}})
```

```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

#### 4. Replace the student name from “ABC” to “FEM” of rollno 11.

```
db.Student.insert({RollNo:11,Age:22,Name:
"ABC",Cont:2276,email:"rea.de9@gmail.com"});
db.Student.update({RollNo:11,Name:"ABC"},{$set:{Name:"FEM"}});
```

```
{
  _id: ObjectId("63bfd4de56eba0e23c3a5c78"),
  RollNo: 11,
  Age: 22,
  Name: 'FEM',
  Cont: 2276,
  email: 'rea.de9@gmail.com'
}
```

#### 5. Drop the table

```
db.Student.drop();
```

```
Atlas atlas-mdgaz1-shard-0 [primary] myDB> db.Student.drop();
true
Atlas atlas-mdgaz1-shard-0 [primary] myDB> db.Student.find()
```