

Program 3

MongoDB- CRUD Demonstration

I. Perform the following DB operations using MongoDB.

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

> use StudentDB

2. Insert appropriate values

```
> db.students.insertMany([
  { Rollno: 1, Age: 20, ContactNo: "1234567890", EmailId: "student1@example.com" },
  { Rollno: 2, Age: 21, ContactNo: "1234567891", EmailId: "student2@example.com" },
  { Rollno: 10, Age: 22, ContactNo: "1234567892", EmailId: "student10@example.com" },
  { Rollno: 11, Age: 23, ContactNo: "1234567893", EmailId: "student11@example.com", Name:
"ABC" }
])
```

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

```
> db.students.updateOne(
  { Rollno: 10 },
  { $set: { EmailId: "newemail10@example.com" } }
)
```

4. Replace the student's name from "ABC" to "FEM" of rollno 11

```
> db.students.updateOne(
  { Rollno: 11, Name: "ABC" },
  { $set: { Name: "FEM" } }
)
```

