NoSQL Student Database

Create Database:

```
> use Student;
< switched to db Student
```

db.createCollection("Student");

Inserting Values Into Collection:

```
> db.Student.insertMany ([
    {RollNo: 10, Name: "ABC", Age: 20, ContactNo: 1112223334, EmailID: "CSE10.cs24@bmsce.ac.in"},
    {RollNo: 11, Name: "DEF", Age: 20, ContactNo: 2223334445, EmailID: "CSE11.cs24@bmsce.ac.in"},
    {RollNo: 12, Name: "GHI", Age: 20, ContactNo: 3334445556, EmailID: "CSE12.cs24@bmsce.ac.in"},
    {RollNo: 13, Name: "JKL", Age: 20, ContactNo: 4445556667, EmailID: "CSE13.cs24@bmsce.ac.in"}
  ]);
< {
    acknowledged: true,
    insertedIds: {
      '0': ObjectId('693ff9c98e185b767bf90899'),
      '1': ObjectId('693ff9c98e185b767bf9089a'),
      '2': ObjectId('693ff9c98e185b767bf9089b'),
      '3': ObjectId('693ff9c98e185b767bf9089c')
    }
  }
```

Find All Students:

```
> db.Student.find({});
{
    _id: ObjectId('693ee1953f34cd792ab3a259'),
    name: 'ABC',
    rollno: 10,
    age: 18,
    contact: '9876543210',
    emailId: 'abc10@example.com'
}
{
    _id: ObjectId('693ee1953f34cd792ab3a25a'),
    name: 'DEF',
    rollno: 11,
    age: 19,
    contact: '9876543211',
    emailId: 'def11@example.com'
}
{
    _id: ObjectId('693ee1953f34cd792ab3a25b'),
    name: 'GHI',
    rollno: 12,
    age: 18,
    contact: '9876543212',
    emailId: 'ghi12@example.com'
}
{
    _id: ObjectId('693ee1953f34cd792ab3a25c'),
    name: 'JKL',
    rollno: 13,
    age: 20,
    contact: '9876543213',
    emailId: 'jkl13@example.com'
}
{
    _id: ObjectId('693ee1953f34cd792ab3a25d'),
    name: 'MNO',
    rollno: 14,
    age: 19,
    contact: '9876543214',
    emailId: 'mno14@example.com'
}
stud >
```

Queries

Write a query to update EmailID of a student with RollNo 10.

```
> db.Student.updateOne(
    {RollNo: 10},
    {$set: {EmailID: "CSE10Updated.cs24@bmsce.ac.in"}}
);
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 1,
    modifiedCount: 1,
    upsertedCount: 0
}
```

Replace the student's name from "DEF" to "FEM" of RollNo 11.

```
> db.Student.updateOne (
    {RollNo: 11},
    {$set: {Name: "FEM"}}
);
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 1,
    modifiedCount: 1,
    upsertedCount: 0
}
```

Export the created table into Local File System

	A	B	C	D	E
1	RollNo	Name	Age	ContactNo	EmailID
2	10	ABC	20	1112223334	CSE10Updated.cs24@bmsce.ac.in
3	11	FEM	20	2223334445	CSE11.cs24@bmsce.ac.in
4	12	GHI	20	3334445556	CSE12.cs24@bmsce.ac.in
5	13	JKL	20	4445556667	CSE13.cs24@bmsce.ac.in

Drop the table.

```
> db.Student.drop();
< true
```