

Student Database

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

```
use Student
switched to db Student
```

2. Insert appropriate values

```
db.Details.insertMany([
  {Roll_No : 1, Age : 21, Contact : "1234567890", Email : "student1@gmail.com", Name : "ABC"},
  {Roll_No : 2, Age : 20, Contact : "9987654321", Email : "student2@gmail.com", Name : "ABC"},
  {Roll_No : 3, Age : 25, Contact : "1123456789", Email : "student3@gmail.com", Name : "XYZ"}])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('69296d2644774d574e517545'),
    '1': ObjectId('69296d2644774d574e517546'),
    '2': ObjectId('69296d2644774d574e517547')
  }
}
```

3. Write query to update Email-Id of a student with Rollno 1.

```
db.Details.updateOne({Roll_No : 1},{ $set : {Email : "updated1@gmail.com"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

4. Replace the student name from "ABC" to "FEM" of Rollno 2.

```
db.Details.updateOne({Roll_No : 2},
  { $set : {Name : "FEM"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

COMPLETE DATABASE:

```
db.Details.find()
{
  _id: ObjectId('69296d2644774d574e517545'),
  Roll_No: 1,
  Age: 21,
  Contact: '1234567890',
  Email: 'updated1@gmail.com',
  Name: 'ABC'
}
{
  _id: ObjectId('69296d2644774d574e517546'),
  Roll_No: 2,
  Age: 20,
  Contact: '9987654321',
  Email: 'student2@gmail.com',
  Name: 'FEM'
}
{
  _id: ObjectId('69296d2644774d574e517547'),
  Roll_No: 3,
  Age: 25,
  Contact: '1123456789',
  Email: 'student3@gmail.com',
  Name: 'XYZ'
}
```

5. Export the created table into local file system
Export data -> Export the full collection -> File Type CSV -> Export

6. Drop the table.

```
db.Details.drop()
true
```

7. Import a given csv dataset from local file system into mongodb collection.

```
_id: ObjectId('69296d2644774d574e517545')  
Roll_No : 1  
Age : 21  
Contact : "1234567890"  
Email : "updated1@gmail.com"  
Name : "ABC"
```

```
_id: ObjectId('69296d2644774d574e517546')  
Roll_No : 2  
Age : 20  
Contact : "9987654321"  
Email : "student2@gmail.com"  
Name : "FEM"
```

```
_id: ObjectId('69296d2644774d574e517547')  
Roll_No : 3  
Age : 25  
Contact : "1123456789"  
Email : "student3@gmail.com"  
Name : "XYZ"
```