Student Database

1. Create a database "Student" with the following attributes Rollno, Age, ContactNo, EmailId.

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

2. Insert appropriate values

```
> 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('69296e0f4b10a1f592e207d6'),
      '1': ObjectId('69296e0f4b10a1f592e207d7'),
      '2': ObjectId('69296e0f4b10a1f592e207d8'),
      '3': ObjectId('69296e0f4b10a1f592e207d9')
    }
  }
```

3. Write query to update Email-Id 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
  }
```

4. Replace the student 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
}
```

5. Export the created table into local file system

```
C:\Users\BMSCE>mongoexport --db=Student --collection=Student --type=csv --fields=RollNo,Name,Age,ContactNo,EmailID --out
=students.csv
2025-11-28T15:29:19.747+0530    connected to: mongodb://localhost/
2025-11-28T15:29:19.749+0530    exported 4 records
```

Or

a. Open your Collections Table.
b. Click on Export Data -> Export Full Collection.
c. Export File Type -> CSV.
d. A dialog box will open. Choose file destination and click save.

6. Drop the table.

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

7. Import a given csv dataset from local file system into mongodb collection.
a. Open your collections table.
b. Click Add Data -> Import JSON or CSV file.
c. Select the previously saved CSV file.
d. Click import.