LAB-8 DBMS
STUDENT DATABASE

1)CREATION OF DATABASE

use School;

2)INSERTION OF VALUES

```
db.Student.insertMany([
  {
    Rollno: 1,
    Age: 18,
    name: "Sujay",
    contactno: 123,
    Emailid: "sss@g.com"
  },

  {
    Rollno: 2,
    Age: 18,
    name: "Sujith",
    contactno: 124,
    Emailid: "ssj@g.com"
  },
  {

    Rollno: 3,
    Age: 19,
    name: "Suj",
    contactno: 125,
    Emailid: "suj@g.com"
  },
```

```
  {

    Rollno: 4,

    Age: 18,

    name: "Suja",

    contactno: 126,

    Emailid: "sssa@g.com" }


])
```

OUTPUT:

```
{

  acknowledged: true,

  insertedIds: {

    '0': ObjectId('6929656405b33c6c454ca11c'),

    '1': ObjectId('6929656405b33c6c454ca11d'),

    '2': ObjectId('6929656405b33c6c454ca11e'),

    '3': ObjectId('6929656405b33c6c454ca11f')

  }


}
```

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

```
db.Student.updateOne({

  Rollno: 1

},{

  $set:{Emailid:"www@g.com"}

})
```

OUTPUT:

{

  acknowledged: true,

  insertedId: null,

  matchedCount: 1,

  modifiedCount: 1,

  upsertedCount: 0

}

db.Student.find()

{

  _id: ObjectId('6929656405b33c6c454ca11c'),

  Rollno: 1,

  Age: 18,

  name: 'Sujay',

  contactno: 123,

  Emailid: 'www@g.com'

}

{

  _id: ObjectId('6929656405b33c6c454ca11d'),

  Rollno: 2,

  Age: 18,

  name: 'Sujith',

  contactno: 124,

  Emailid: 'ssj@g.com'

}

{

  _id: ObjectId('6929656405b33c6c454ca11e'),

  Rollno: 3,

  Age: 19,

  name: 'Suj',

```
  contactno: 125,

  Emailid: 'suj@g.com'

}

{

  _id: ObjectId('6929656405b33c6c454ca11f'),

  Rollno: 4,

  Age: 18,

  name: 'Suja',

  contactno: 126,

  Emailid: 'sssa@g.com'

}
```

B) Replace the student name from "ABC" to "FEM" of rollno 11.

db.Student.updateOne({Rollno:2},{$set:{name:"FEM"}})

OUTPUT:

```
{

  acknowledged: true,

  insertedId: null,

  matchedCount: 1,

  modifiedCount: 1,

  upsertedCount: 0

}
```

4)EXPORTING TO LOCAL FILESYSTEM

```
mongoexport --uri="mongodb://localhost:27017/School" ^
 --collection=Student ^
 --type=csv ^
 --fields=_id,Rollno,Age,name,contactno,Emailid ^
 --out="C:\Users\BMSCE\Desktop\students.csv"
```

5)DROPPING THE COLLECTION

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

6)IMPORTING CSV FILE FROM LOCAL FILESYSTEM TO MONGODB

```
mongoimport --uri="mongodb://localhost:27017/School" ^
 --collection=Student ^
 --type=csv ^
 --headerline ^
 --file="C:\Users\BMSCE\Desktop\students.csv"
2025-11-28T15:07:34.832+0530    connected to: mongodb://localhost:27017/School
2025-11-28T15:07:34.843+0530    4 document(s) imported successfully. 0 document(s) failed to
import
```

OUTPUT:

```
db.Student.find()
```

```
{
  _id: 'ObjectId(6929656405b33c6c454ca11c)',
  Rollno: 1,
  Age: 18,
  name: 'Sujay',
  contactno: 123,
  Emailid: 'www@g.com'
}
{
  _id: 'ObjectId(6929656405b33c6c454ca11d)',
  Rollno: 2,
  Age: 18,
```

```
  name: 'FEM',

  contactno: 124,

  Emailid: 'ssj@g.com'

}


  _id: 'ObjectId(6929656405b33c6c454ca11e)',

  Rollno: 3,

  Age: 19,

  name: 'Suj',

  contactno: 125,

  Emailid: 'suj@g.com'

}
{

  _id: 'ObjectId(6929656405b33c6c454ca11f)',

  Rollno: 4,

  Age: 18,

  name: 'Suja',

  contactno: 126,

  Emailid: 'sssa@g.com'

}
```