

BDA LAB 3A

OUTPUT SCREENSHOTS

Creation of database and collection. Insert records

Welcome x * db.Stud.find() x

Student localhost:27017 test

```
db.createCollection("Stud")
db.Stud.insert({_id:1,Studname:"Finch",Age:21,USN:10,Sem:7,Dept:"CSE",Email:"Finch@australia.com"})
db.Stud.insert({_id:2,Studname:"Padikkal",Age:20,USN:12,Sem:8,Dept:"ISE",Email:"Padikkal@india.com"})
db.Stud.insert({_id:3,Studname:"Virat",Age:22,USN:13,Sem:6,Dept:"ECE",Email:"Virat@india.com"})
db.Stud.insert({_id:4,Studname:"Parthiv",Age:19,USN:11,Sem:5,Dept:"MECH",Email:"Parthiv@bengal.com"})
db.Stud.find()
```

Stud 0.011 sec.

	_id	Studname	Age	USN	Sem	Dept	Email
1	1.0	Finch	21.0	10.0	7.0	CSE	Finch@australia.com
2	2.0	Padikkal	20.0	12.0	8.0	ISE	Padikkal@india.com
3	3.0	Virat	22.0	13.0	6.0	ECE	Virat@india.com
4	4.0	Parthiv	19.0	11.0	5.0	MECH	Parthiv@bengal.com

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

```
db.Stud.update({USN:10},{set:{Email:"Finch@rcb.com"}})
db.Stud.find()
```

Stud 0.003 sec.

	_id	Studname	Age	USN	Sem	Dept	Email
1	1.0	Finch	21.0	10.0	7.0	CSE	Finch@rcb.com
2	2.0	Padikkal	20.0	12.0	8.0	ISE	Padikkal@india.com
3	3.0	Virat	22.0	13.0	6.0	ECE	Virat@india.com
4	4.0	Parthiv	19.0	11.0	5.0	MECH	Parthiv@bengal.com

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

```
db.Stud.update({USN:11},{set:{Studname:"Morris"}})
db.Stud.find()
```

Stud 0.003 sec.

	_id	Studname	Age	USN	Sem	Dept	Email
1	1.0	Finch	21.0	10.0	7.0	CSE	Finch@rcb.com
2	2.0	Padikkal	20.0	12.0	8.0	ISE	Padikkal@india.com
3	3.0	Virat	22.0	13.0	6.0	ECE	Virat@india.com
4	4.0	Morris	19.0	11.0	5.0	MECH	Parthiv@bengal.com

Export the created table into local file system

```
C:\Program Files\MongoDB\Server\4.0\bin>mongoexport -d test -c Stud -f Studname,Age,USN,Sem,Dept,Email --type=csv -o Student.csv
2020-10-12T17:22:44.706+0530    connected to: localhost
2020-10-12T17:22:44.707+0530    exported 4 records
```

Drop the table

```
db.Stud.drop()

0.01 sec.

true
```

Import a given csv dataset from local file system into mongo dB collection.

```
C:\Program Files\MongoDB\Server\4.0\bin>mongoimport -d test -c Stud --type csv --file Student.csv --headerline
2020-10-12T17:28:19.272+0530    connected to: localhost
2020-10-12T17:28:19.286+0530    imported 4 documents
```