

4/3/25

Lab - 1

Date ___/___/___

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1. create database in Mongo DB
use myDB

2. create student collection

```
> db.createCollection("Student");
{ok: 1}
```

3. drop collection

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

4. Create collection Student and insert values

```
db.student.insert({_id: 1, sname: "praneta", grade: '7',
hobbies: "Internetsurfing"});
```

```
db.student.insert({_id: 2, sname: "anvi", grade: '7',
hobbies: "chess"});
```

```
db.student.insert({_id: 3, sname: "anmol", grade: '6',
hobbies: "chess"});
```

```
db.student.insert({_id: 4, sname: "anu", grade: '7',
hobbies: "horseriding"});
```

5. Update anmol hobbies chess to skating

```
> db.student.update({_id: 3, sname: "anmol", grade: '6',
{$set: {hobbies: "skating"}}, $upsert: true});
{acknowledged: true}
```

6. Find method

```
db.student.find({sname: "praneta"});
[
  {

```

```
id: 1
sname: 'praneeta'
grade: '7'
hobbies: 's'
```

```
> db.student.find({sname: 'praneeta', grade: '7', id: '09'})
```

```
[
  {
    sname: 'praneeta', grade: '7'
  },
  { sname: 'anvi', grade: '7' },
  { sname: 'anmol', grade: '6' },
  { sname: 'anu', grade: '7' }
]
```

```
> db.student.find({grade: '6', id: '03'}).pretty()
{ id: '03', sname: 'anmol', grade: '6', hobbies: 'skating' }
```

```
> db.student.find({sname: 'anvi'}).pretty()
{ id: '02', sname: 'anvi', grade: '7', hobbies: 'cheers' }
```

Import csv file

```
> mongoimport --uri "mongodb+srv://praneeta:cs2@bda-lab.mongodb.net/mgoDB"
--collection SampleJSON --type csv --headerline
--file C:\Users\Admin\Desktop\bda\sampledata
```

Documents Imported successfully

Export csv file

```
> mongexport mongod --uri "mongodb://praneetha:22@localhost:27020/mongodb.net/myDB" --collection=student --out "c:\user\Admin\stop\bdal sample\ba.txt"
```

exported 2 records

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