

1. Create a new collection

use Student

2. Insert a value

```
db.Student.insert({
  "Name" : "XYZ",
  "RollNo:" : 1,
  "Age" : 21,
  "ContactNo" : "1234567890",
  "EmailId": "user1@lab.com"
})
```

3. Insert multiple values at once

```
var MyStudents = [
  {
    "Name" : "ABC",
    "RollNo:" : 3,
    "Age" : 22,
    "ContactNo" : "2234567890",
    "EmailId": "user2@lab.com"
  },
  {
    "Name" : "DEF",
    "RollNo:" : 5,
    "Age" : 21,
    "ContactNo" : "3234567890",
    "EmailId" : "user3@lab.com"
  },
  {
    "Name" : "GHI",
    "RollNo:" : 7,
    "Age" : 20,
    "ContactNo" : "4234567890",
    "EmailId" : "user4@lab.com"
  },
  {
    "Name" : "JKL",
    "RollNo:" : 10,
    "Age" : 18,
    "ContactNo" : "5234567890",
    "EmailId" : "user5@lab.com"
  },
]
```

```
db.Student.insert(MyStudents);
```

4. Print all current values

```
db.getCollection('Student').find({}).forEach(printjson)

{
  "_id" : ObjectId("606ad5a6e581cc0b904470a5"),
  "Name" : "XYZ",
```

```

    "RollNo": 1,
    "Age": 21,
    "ContactNo": "1234567890",
    "EmailId": "user1@lab.com"
  }
  {
    "_id": ObjectId("606ad60fe581cc0b904470a6"),
    "Name": "ABC",
    "RollNo": 3,
    "Age": 22,
    "ContactNo": "2234567890",
    "EmailId": "user2@lab.com"
  }
  {
    "_id": ObjectId("606ad60fe581cc0b904470a7"),
    "Name": "DEF",
    "RollNo": 5,
    "Age": 21,
    "ContactNo": "3234567890",
    "EmailId": "user3@lab.com"
  }
  {
    "_id": ObjectId("606ad60fe581cc0b904470a8"),
    "Name": "GHI",
    "RollNo": 7,
    "Age": 20,
    "ContactNo": "4234567890",
    "EmailId": "user4@lab.com"
  }
  {
    "_id": ObjectId("606ad60fe581cc0b904470a9"),
    "Name": "JKL",
    "RollNo": 10,
    "Age": 18,
    "ContactNo": "5234567890",
    "EmailId": "user5@lab.com"
  }
}

```

5. Update RollNo of a student

```

db.Student.update(
{"RollNo": 10},
{$set: {"EmailId": "modified@lab.com"}});

```

```

db.getCollection('Student').find({"RollNo":10}).forEach(printjson)

```

```

{
  "_id": ObjectId("606ad60fe581cc0b904470a9"),
  "Name": "JKL",
  "RollNo": 10,
  "Age": 18,
  "ContactNo": "5234567890",
  "EmailId": "modified@lab.com"
}

```

6. Update Name of a student

```
db.Student.update(
{"Name" : "XYZ"},
{$set: { "Name" : "EcksWhyZee"}});

db.getCollection('Student').find({"Name" : "EcksWhyZee"}).forEach(printjson)
```

```
{
  "_id" : ObjectId("606ad5a6e581cc0b904470a5"),
  "Name" : "EcksWhyZee",
  "RollNo" : 1,
  "Age" : 21,
  "ContactNo" : "1234567890",
  "EmailId" : "user1@lab.com"
}
```

7. Export to json

```
mongoexport --db testdb --collection Student --out C:\Users\Desktop\Exported\Student.json
```

```
{"_id":{"_id":"606ad5a6e581cc0b904470a5"},"Name":"EcksWhyZee","RollNo":1,"Age":21,"ContactNo":"1234567890","EmailId":"user1@lab.com"}
```

```
{"_id":{"_id":"606ad60fe581cc0b904470a6"},"Name":"ABC","RollNo":3,"Age":22,"ContactNo":"2234567890","EmailId":"user2@lab.com"}
```

```
{"_id":{"_id":"606ad60fe581cc0b904470a7"},"Name":"DEF","RollNo":5,"Age":21,"ContactNo":"3234567890","EmailId":"user3@lab.com"}
```

```
{"_id":{"_id":"606ad60fe581cc0b904470a8"},"Name":"GHI","RollNo":7,"Age":20,"ContactNo":"4234567890","EmailId":"user4@lab.com"}
```

```
{"_id":{"_id":"606ad60fe581cc0b904470a9"},"Name":"JKL","RollNo":10,"Age":18,"ContactNo":"5234567890","EmailId":"modified@lab.com"}
```

8. Drop Student

```
db.getCollection('Student').drop()
```

9. Import from exported file

```
mongoimport --db testdb --collection Student C:\Users\Desktop\Exported\Student.json
```