

## Assignment:Creating a Database Using MongoDB and Mongosh.

### 1.insetOne():

```
> use mydatabase
< switched to db mydatabase
> db.createCollection('users')
< { ok: 1 }
> db.users.insertOne({'name':'sree','e-mail':'sree123@gmail.com','age':'23','rollno':'59'})
< {
  acknowledged: true,
  insertedId: ObjectId('65fd19044de0d6b31f4ade1e')
}
> db.users.find()
< {
  _id: ObjectId('65fd19044de0d6b31f4ade1e'),
  name: 'sree',
  'e-mail': 'sree123@gmail.com',
  age: '23',
  rollno: '59'
}
```

### Insert Many ():

```

> db.users.insertMany([{'name':'Indhu','e-mail':'indhu1234@gmail.com','age':'25','rollno':'60'},{'name':'Chetan','e-mail':'chetan143@gmail.com','age':'27','rollno':'61'}])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('65fd1a184de0d6b31f4ade1f'),
    '1': ObjectId('65fd1a184de0d6b31f4ade20')
  }
}
> db.users.find()
< {
  _id: ObjectId('65fd19044de0d6b31f4ade1e'),
  name: 'sree',
  'e-mail': 'sree123@gmail.com',
  age: '23',
  rollno: '59'
}
{
  _id: ObjectId('65fd1a184de0d6b31f4ade1f'),
  name: 'Indhu',
  'e-mail': 'indhu1234@gmail.com',
  age: '25',
  rollno: '60'
}
{
  _id: ObjectId('65fd1a184de0d6b31f4ade20'),
  name: 'Chetan',
  'e-mail': 'chetan143@gmail.com',

```

2.Read():

```
> db.users.find()
< {
  _id: ObjectId('65fd19044de0d6b31f4ade1e'),
  name: 'sree',
  'e-mail': 'sree123@gmail.com',
  age: '23',
  rollno: '59'
}
{
  _id: ObjectId('65fd1a184de0d6b31f4ade1f'),
  name: 'Indhu',
  'e-mail': 'indhu1234@gmail.com',
  age: '25',
  rollno: '60'
}
{
  _id: ObjectId('65fd1a184de0d6b31f4ade20'),
  name: 'Chetan',
  'e-mail': 'chetan143@gmail.com',
  age: '27',
  rollno: '61'
}
```

3.Update():

```

> db.users.updateOne({'name':'sree'},{'$set':{'rollno':'62'}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
> db.users.find()
< {
  _id: ObjectId('65fd19044de0d6b31f4ade1e'),
  name: 'sree',
  'e-mail': 'sree123@gmail.com',
  age: '23',
  rollno: '62'
}
{
  _id: ObjectId('65fd1a184de0d6b31f4ade1f'),
  name: 'Indhu',
  'e-mail': 'indhu1234@gmail.com',
  age: '25',
  rollno: '60'
}
{
  _id: ObjectId('65fd1a184de0d6b31f4ade20'),
  name: 'Chetan',

```

4.Delete():

DeleteOne():

```
db.users.deleteOne({'name': 'Indhu'})
{
  acknowledged: true,
  deletedCount: 1
}
db.users.find()
{
  _id: ObjectId('65fd19044de0d6b31f4ade1e'),
  name: 'sree',
  'e-mail': 'sree123@gmail.com',
  age: '23',
  rollno: '62'
}
{
  _id: ObjectId('65fd1a184de0d6b31f4ade20'),
  name: 'Chetan',
  'e-mail': 'chetan143@gmail.com',
  age: '27',
  rollno: '61'
}
```

DeleteMany():

```
> db.users.deleteMany({'rollno':{'$lte':'63'}})
```

```
< {
```

```
  acknowledged: true,
```

```
  deletedCount: 2
```

```
}
```

```
> db.users.find()
```

```
<
```