**Basic MongoDB operations:**

**::: Create Collection :::**

db.createCollection('stud');

{ ok: 1 }

show collections;

**stud**

**::: InsertOne Data :::**

db.stud.insertOne({R\_no: 1101, Name:'Bella', Class:'TE'});

{

acknowledged: true,

insertedId: ObjectId('68dcddeaf6c08cfa16a67851')

}

db.stud.insertOne({R\_no: 1102, Name:'John', Class:'TE'});

{

acknowledged: true,

insertedId: ObjectId('68dcde25f6c08cfa16a67852')

}

db.stud.insertOne({R\_no: 1103, Name:'Ray', Class:'TE'});

{

acknowledged: true,

insertedId: ObjectId('68dcde62f6c08cfa16a67853')

}

**::: InsertMany Data :::**

db.stud.insertMany([{R\_no: 1104, Name:'Eren', Class:'TE'},{R\_no: 1105, Name:'Max', Class:'TE'}]);

acknowledged: true,

insertedIds: {

'0': ObjectId('68dcdf27f6c08cfa16a67854'),

'1': ObjectId('68dcdf27f6c08cfa16a67855')

}

}

**::: Show Data :::**

db.stud.find();

{

\_id: ObjectId('68dcddeaf6c08cfa16a67851'),

R\_no: 1101,

Name: 'Bella',

Class: 'TE'

}

{

\_id: ObjectId('68dcde25f6c08cfa16a67852'),

R\_no: 1102,

Name: 'John',

Class: 'TE'

}

{

\_id: ObjectId('68dcde62f6c08cfa16a67853'),

R\_no: 1103,

Name: 'Ray',

Class: 'TE'

}

{

\_id: ObjectId('68dcdf27f6c08cfa16a67854'),

R\_no: 1104,

Name: 'Eren',

Class: 'TE'

}

{

\_id: ObjectId('68dcdf27f6c08cfa16a67855'),

R\_no: 1105,

Name: 'Max',

Class: 'TE'

}

**::: Show Specific Data :::**

db.stud.find({R\_no:1103});

{

\_id: ObjectId('68dcde62f6c08cfa16a67853'),

R\_no: 1103,

Name: 'Ray',

Class: 'TE'

}

**::: Show Next Data :::**

db.stud.find({R\_no:{$gt:1104}});

{

\_id: ObjectId('68dcdf27f6c08cfa16a67855'),

R\_no: 1105,

Name: 'Max',

Class: 'TE'

}

**::: Update Data :::**

db.stud.updateOne({R\_no:1102},{$set:{Name:'Aro'}});

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

db.stud.find({R\_no:1102});

{

\_id: ObjectId('68dcde25f6c08cfa16a67852'),

R\_no: 1102,

Name: 'Aro',

Class: 'TE'

}

**::: Remove Data :::**

db.stud.deleteOne({R\_no:1104});

{

acknowledged: true,

deletedCount: 1

}

db.stud.find();

{

\_id: ObjectId('68dcddeaf6c08cfa16a67851'),

R\_no: 1101,

Name: 'Bella',

Class: 'TE'

}

{

\_id: ObjectId('68dcde25f6c08cfa16a67852'),

R\_no: 1102,

Name: 'Aro',

Class: 'TE'

}

{

\_id: ObjectId('68dcde62f6c08cfa16a67853'),

R\_no: 1103,

Name: 'Ray',

Class: 'TE'

}

{

\_id: ObjectId('68dcdf27f6c08cfa16a67855'),

R\_no: 1105,

Name: 'Max',

Class: 'TE'

}