**Practical 9**

**MongoDB**

CREATE COLLECTION

db.createCollection('stud');

{ ok: 1 }

show collections;

stud

INSERT DATA

db.stud.insertOne({rollno: 101, name: 'Ajay', class: 'TE'})

{

acknowledged: true,

insertedId: ObjectId('68c9a66d6c2c6ac18025d6d7')

}

SHOW DATA

db.stud.find();

{

\_id: ObjectId('68c9a64c6c2c6ac18025d6d6'),

rollno: 101,

name: 'Ajay',

class: 'TE'

}

db.stud.insertOne({rollno: 102, name: 'Aman', class: 'TE'})

{

acknowledged: true,

insertedId: ObjectId('68c9a6b76c2c6ac18025d6d8')

}

db.stud.find();

{

\_id: ObjectId('68c9a64c6c2c6ac18025d6d6'),

rollno: 101,

name: 'Ajay',

class: 'TE'

}

{

\_id: ObjectId('68c9a6b76c2c6ac18025d6d8'),

rollno: 102,

name: 'Aman',

class: 'TE'

}

INSERT MANY DATA IN SINGLE LINE

db.stud.insertMany([{rollno: 103, name: 'Ram', class: 'TE'}, {rollno: 104, name:'Raju', class: 'TE'}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId('68c9a8af6c2c6ac18025d6d9'),

'1': ObjectId('68c9a8af6c2c6ac18025d6da')

}

}

db.stud.find();

{

\_id: ObjectId('68c9a64c6c2c6ac18025d6d6'),

rollno: 101,

name: 'Ajay',

class: 'TE'

}

{

\_id: ObjectId('68c9a6b76c2c6ac18025d6d8'),

rollno: 102,

name: 'Aman',

class: 'TE'

}

{

\_id: ObjectId('68c9a8af6c2c6ac18025d6d9'),

rollno: 103,

name: 'Ram',

class: 'TE'

}

{

\_id: ObjectId('68c9a8af6c2c6ac18025d6da'),

rollno: 104,

name: 'Raju',

class: 'TE'

}

FIND SPECIFIC DATA

db.stud.find({rollno:{$gt:102}});

{

\_id: ObjectId('68c9a8af6c2c6ac18025d6d9'),

rollno: 103,

name: 'Ram',

class: 'TE'

}

{

\_id: ObjectId('68c9a8af6c2c6ac18025d6d9'),

rollno: 103,

name: 'Ram',

class: 'TE'

}

UPDATE DATA

db.stud.updateOne({rollno:102}, {$set:{name:'Mohit'}}

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

db.stud.find()

{

\_id: ObjectId('68c9a64c6c2c6ac18025d6d6'),

rollno: 101,

name: 'Ajay',

class: 'TE'

}

{

\_id: ObjectId('68c9a6b76c2c6ac18025d6d8'),

rollno: 102,

name: 'Mohit',

class: 'TE'

}

{

\_id: ObjectId('68c9a8af6c2c6ac18025d6d9'),

rollno: 103,

name: 'Ram',

class: 'TE'

}

{

\_id: ObjectId('68c9a8af6c2c6ac18025d6da'),

rollno: 104,

name: 'Raju',

class: 'TE'

}

REMOVE DATA

db.stud.deleteOne({rollno:104})

{

acknowledged: true,

deletedCount: 1

}

db.stud.find();

{

\_id: ObjectId('68c9a64c6c2c6ac18025d6d6'),

rollno: 101,

name: 'Ajay',

class: 'TE'

}

{

\_id: ObjectId('68c9a6b76c2c6ac18025d6d8'),

rollno: 102,

name: 'Mohit',

class: 'TE'

}

{

\_id: ObjectId('68c9a8af6c2c6ac18025d6d9'),

rollno: 103,

name: 'Ram',

class: 'TE'

}