Assignment No.:8

CRUDE Operations

**test> use student-data;**

switched to db student-data

**student-data> db.createCollection("data")**

{ ok: 1 }

**student-data> db.data.insertMany([**

**... {RollNo:1,Name:"ABC",Marks:90,Class:"TE"},**

**... {RollNo:2,Name:"BCD",Marks:85,Class:"FE"},**

**... {RollNo:3,Name:"CDE",Marks:88,Class:"TE"},**

**... {RollNo:4,Name:"DEF",Marks:89,Class:"FE"},**

**... {RollNo:5,Name:"EFG",Marks:90,Class:"TE"},**

**... {RollNo:6,Name:"FGH",Marks:81,Class:"SE"},**

**... {RollNo:7,Name:"GHI",Marks:91,Class:"SE"},**

**... {RollNo:8,Name:"HIJ",Marks:92,Class:"SE"},**

**... {RollNo:9,Name:"IJK",Marks:87,Class:"FE"},**

**... {RollNo:10,Name:"JKL",Marks:85,Class:"TE"},])**

{

acknowledged: true,

insertedIds: {

'0': ObjectId("634ed4670ebf82ea451bde8e"),

'1': ObjectId("634ed4670ebf82ea451bde8f"),

'2': ObjectId("634ed4670ebf82ea451bde90"),

'3': ObjectId("634ed4670ebf82ea451bde91"),

'4': ObjectId("634ed4670ebf82ea451bde92"),

'5': ObjectId("634ed4670ebf82ea451bde93"),

'6': ObjectId("634ed4670ebf82ea451bde94"),

'7': ObjectId("634ed4670ebf82ea451bde95"),

'8': ObjectId("634ed4670ebf82ea451bde96"),

'9': ObjectId("634ed4670ebf82ea451bde97")

}

}

**student-data> db.data.find()**

[

{

\_id: ObjectId("634ed4670ebf82ea451bde8e"),

RollNo: 1,

Name: 'ABC',

Marks: 90,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde8f"),

RollNo: 2,

Name: 'BCD',

Marks: 85,

Class: 'FE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde90"),

RollNo: 3,

Name: 'CDE',

Marks: 88,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde91"),

RollNo: 4,

Name: 'DEF',

Marks: 89,

Class: 'FE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde92"),

RollNo: 5,

Name: 'EFG',

Marks: 90,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde93"),

RollNo: 6,

Name: 'FGH',

Marks: 81,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde94"),

RollNo: 7,

Name: 'GHI',

Marks: 91,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde95"),

RollNo: 8,

Name: 'HIJ',

Marks: 92,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde96"),

RollNo: 9,

Name: 'IJK',

Marks: 87,

Class: 'FE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde97"),

RollNo: 10,

Name: 'JKL',

Marks: 85,

Class: 'TE'

}

]

**student-data> db.data.find({RollNo:{$gt:5}},{RollNo:1,Marks:1})**

[

{ \_id: ObjectId("634ed4670ebf82ea451bde93"), RollNo: 6, Marks: 81 },

{ \_id: ObjectId("634ed4670ebf82ea451bde94"), RollNo: 7, Marks: 91 },

{ \_id: ObjectId("634ed4670ebf82ea451bde95"), RollNo: 8, Marks: 92 },

{ \_id: ObjectId("634ed4670ebf82ea451bde96"), RollNo: 9, Marks: 87 },

{ \_id: ObjectId("634ed4670ebf82ea451bde97"), RollNo: 10, Marks: 85 }

]

**student-data> db.data.update({RollNo:4},{$set:{Marks:80}})**

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

student-data> db.data.find()

[

{

\_id: ObjectId("634ed4670ebf82ea451bde8e"),

RollNo: 1,

Name: 'ABC',

Marks: 90,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde8f"),

RollNo: 2,

Name: 'BCD',

Marks: 85,

Class: 'FE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde90"),

RollNo: 3,

Name: 'CDE',

Marks: 88,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde91"),

RollNo: 4,

Name: 'DEF',

Marks: 80,

Class: 'FE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde92"),

RollNo: 5,

Name: 'EFG',

Marks: 90,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde93"),

RollNo: 6,

Name: 'FGH',

Marks: 81,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde94"),

RollNo: 7,

Name: 'GHI',

Marks: 91,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde95"),

RollNo: 8,

Name: 'HIJ',

Marks: 92,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde96"),

RollNo: 9,

Name: 'IJK',

Marks: 87,

Class: 'FE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde97"),

RollNo: 10,

Name: 'JKL',

Marks: 85,

Class: 'TE'

}

]

**student-data> db.data.deleteMany({Class:"FE"})**

{ acknowledged: true, deletedCount: 3 }

student-data> db.data.find()

[

{

\_id: ObjectId("634ed4670ebf82ea451bde8e"),

RollNo: 1,

Name: 'ABC',

Marks: 90,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde90"),

RollNo: 3,

Name: 'CDE',

Marks: 88,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde92"),

RollNo: 5,

Name: 'EFG',

Marks: 90,

Class: 'TE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde93"),

RollNo: 6,

Name: 'FGH',

Marks: 81,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde94"),

RollNo: 7,

Name: 'GHI',

Marks: 91,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde95"),

RollNo: 8,

Name: 'HIJ',

Marks: 92,

Class: 'SE'

},

{

\_id: ObjectId("634ed4670ebf82ea451bde97"),

RollNo: 10,

Name: 'JKL',

Marks: 85,

Class: 'TE'

}

]