**//create database**

> use Ponnu

switched to db Ponnu

**//create collection**

db.createCollection('Student');

{ ok: 1 }

**//insertion**

> db.Student.insertMany([{'Rno':'1','Name':'Piyush','Class':'MCA'}, {'Rno':'2','Name':'Abhi','Class':'MCA'},

{'Rno':'3','Name':'Ashley','Class':'MCA'},

{'Rno':'4','Name':'Hitesh','Class':'MCA'},

{'Rno':'5','Name':'Pratik','Class':'MCA'},

{'Rno':'6','Name':'Pratik','Class':'MCA'}])

**//select**

> db.Student.find();

[

{

\_id: ObjectId('6626280d79d6fabc6c9f990e'),

Rno: '1',

Name: 'Piyush',

Class: 'MCA'

},

{

\_id: ObjectId('6626280d79d6fabc6c9f990f'),

Rno: '2',

Name: 'Abhi',

Class: 'MCA'

},

{

\_id: ObjectId('6626280d79d6fabc6c9f9910'),

Rno: '3',

Name: 'Ashley',

Class: 'MCA'

},

{

\_id: ObjectId('6626280d79d6fabc6c9f9911'),

Rno: '4',

Name: 'Hitesh',

Class: 'MCA'

},

{

\_id: ObjectId('6626280d79d6fabc6c9f9912'),

Rno: '5',

Name: 'Pratik',

Class: 'MCA'

},

{

\_id: ObjectId('6626280d79d6fabc6c9f9913'),

Rno: '6',

Name: 'Pratik',

Class: 'MCA'

}

]

**//update**

> db.Student.updateOne({'Name':'Hitesh'},{$set:{'Name':'Henry'}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

**//remove**

> db.Student.deleteOne({'Rno':'5'})

{ acknowledged: true, deletedCount: 1 }

**//and**

> db.Student.find({$and:[{'Name':'Pratik'},{'Rno':'6'}]});

[

{

\_id: ObjectId('66262c3079d6fabc6c9f9914'),

Rno: '6',

Name: 'Pratik',

Class: 'MCA'

}

]

**//or**

> db.Student.find({$or:[{'Name':'Piyush'},{'Rno':'2'}]});

[

{

\_id: ObjectId('6626280d79d6fabc6c9f990e'),

Rno: '1',

Name: 'Piyush',

Class: 'MCA'

},

{

\_id: ObjectId('6626280d79d6fabc6c9f990f'),

Rno: '2',

Name: 'Abhi',

Class: 'MCA'

}

]

**//nor**

> db.Student.find({$nor:[{'Name':'Piyush'},{'Rno':'2'}]}).pretty();

[

{

\_id: ObjectId('6626280d79d6fabc6c9f9910'),

Rno: '3',

Name: 'Ashley',

Class: 'MCA'

},

{

\_id: ObjectId('6626280d79d6fabc6c9f9911'),

Rno: '4',

Name: 'Henry',

Class: 'MCA'

},

{

\_id: ObjectId('66262c3079d6fabc6c9f9914'),

Rno: '6',

Name: 'Pratik',

Class: 'MCA'

}

]