BDA LAB 5(1BM17CS082) _ScreenShot -- Assignment 3


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> use my;
switched to db my
> db;
my
> db.createCollection("Country");
{ "ok" : 1 }
> db.Country.insert({_id:1,Cities:["Delhi","Banglore"]})
WriteResult({ "nInserted" : 1 })
> db.Country.insert({_id:2,Cities:["Chennai","Mumbai","Ranchi"]})
WriteResult({ "nInserted" : 1 })
> db.Country.insert({_id:3,Cities:["Pune","Rajkot","Hyderabad"]});
WriteResult({ "nInserted" : 1 })
> db.Country.insert({_id:4,Cities:["Dhanbad","Raipur","Rampur","Vellore"]});
WriteResult({ "nInserted" : 1 })
>
> db.Country.find()
{ "_id" : 1, "Cities" : [ "Delhi", "Banglore" ] }
{ "_id" : 2, "Cities" : [ "Chennai", "Mumbai", "Ranchi" ] }
{ "_id" : 3, "Cities" : [ "Pune", "Rajkot", "Hyderabad" ] }
{ "_id" : 4, "Cities" : [ "Dhanbad", "Raipur", "Rampur", "Vellore" ] }
>
> db.Country.find().limit(1);
{ "_id" : 1, "Cities" : [ "Delhi", "Banglore" ] }
> db.Country.find().skip(2).limit(2);
{ "_id" : 3, "Cities" : [ "Pune", "Rajkot", "Hyderabad" ] }
{ "_id" : 4, "Cities" : [ "Dhanbad", "Raipur", "Rampur", "Vellore" ] }
>
> db.Country.update({_id:1},{$push:{population:{Delhi:30,Banglore:45}}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Country.find()
{ "_id" : 1, "Cities" : [ "Delhi", "Banglore" ], "population" : [ { "Delhi" : 30, "Banglore" : 45 } ] }
{ "_id" : 2, "Cities" : [ "Chennai", "Mumbai", "Ranchi" ] }
{ "_id" : 3, "Cities" : [ "Pune", "Rajkot", "Hyderabad" ] }
{ "_id" : 4, "Cities" : [ "Dhanbad", "Raipur", "Rampur", "Vellore" ] }
>
>
> db.Country.update({_id:3},{$pop:{Cities:1}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Country.find()
{ "_id" : 1, "Cities" : [ "Delhi", "Banglore" ], "population" : [ { "Delhi" : 30, "Banglore" : 45 } ] }
{ "_id" : 2, "Cities" : [ "Chennai", "Mumbai", "Ranchi" ] }
```



```
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{ "_id" : 1, "Cities" : [ "Delhi", "Banglore" ], "population" : [ { "Delhi" : 30, "Banglore" : 45 } ] }
{ "_id" : 2, "Cities" : [ "Chennai", "Mumbai", "Ranchi" ] }
{ "_id" : 3, "Cities" : [ "Pune", "Rajkot", "Hyderabad" ] }
{ "_id" : 4, "Cities" : [ "Dhanbad", "Raipur", "Rampur", "Vellore" ] }
>
>
> db.Country.update({_id:3},{$pop:{Cities:1}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Country.find()
{ "_id" : 1, "Cities" : [ "Delhi", "Banglore" ], "population" : [ { "Delhi" : 30, "Banglore" : 45 } ] }
{ "_id" : 2, "Cities" : [ "Chennai", "Mumbai", "Ranchi" ] }
{ "_id" : 3, "Cities" : [ "Pune", "Rajkot" ] }
{ "_id" : 4, "Cities" : [ "Dhanbad", "Raipur", "Rampur", "Vellore" ] }
>
> db.Country.update({Cities:"Chennai"},{$pull:{Cities:'Chennai'}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Country.find()
{ "_id" : 1, "Cities" : [ "Delhi", "Banglore" ], "population" : [ { "Delhi" : 30, "Banglore" : 45 } ] }
{ "_id" : 2, "Cities" : [ "Mumbai", "Ranchi" ] }
{ "_id" : 3, "Cities" : [ "Pune", "Rajkot" ] }
{ "_id" : 4, "Cities" : [ "Dhanbad", "Raipur", "Rampur", "Vellore" ] }
>
> db.Country.update({_id:1},{$set:{'Cities.2':'Srinagar'}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Country.update({_id:2},{$addToSet:{Cities:"Mysore"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Country.find()
{ "_id" : 1, "Cities" : [ "Delhi", "Banglore", "Srinagar" ], "population" : [ { "Delhi" : 30, "Banglore" : 45 } ] }
{ "_id" : 2, "Cities" : [ "Mumbai", "Ranchi", "Mysore" ] }
{ "_id" : 3, "Cities" : [ "Pune", "Rajkot" ] }
{ "_id" : 4, "Cities" : [ "Dhanbad", "Raipur", "Rampur", "Vellore" ] }
>
```