**OUTPUT:**

* use Atharva; switched to db Atharva
* db.createCollection('Student');

{ "ok" : 1 }

* db.Student.insert({'Rno':'1','Name':'Om ','Class':'TE COMP'}); WriteResult({ "nInserted" : 1 })
* db.Student.insert({'Rno':'2','Name':'Atharva','Class':'TE COMP'}); WriteResult({ "nInserted" : 1 })

>db.Student.insert({'Rno':'3','Name':'Aryan','Class':'TE COMP'}); WriteResult({ "nInserted" : 1 })

* db.Student.insert({'Rno':'4','Name':'Harsh','Class':'TE COMP'}); WriteResult({ "nInserted" : 1 })
* db.Student.insert({'Rno':'5','Name':'Omkar','Class':'TE COMP'}); WriteResult({ "nInserted" : 1 })
* db.Student.insert({'Rno':'6','Name':'Omkar','Class':'TE COMP'}); WriteResult({ "nInserted" : 1 })
* db.Student.find();

{ "\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"), "Rno" : "1", "Name" : "Om ", "Class" : "TE COMP" }

{ "\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2", "Name" : "Atharva", "Class" : "TE COMP" }

{ "\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3", "Name" : "Aryan", "Class" : "TE COMP" }

{ "\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4", "Name" : "Harsh", "Class" : "TE COMP" }

{ "\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5", "Name" : "Omkar", "Class" : "TE COMP" }

{ "\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6", "Name" : "Omkar", "Class" : "TE COMP" }

* db.Student.find().pretty();

{

"\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"), "Rno" : "1",

"Name" : "Om ",

"Class" : "TE COMP"

}

{"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2","Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.update({'Name':'Harsh'},{$set: {'Name':'Henry'}}); WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1})
* db.Student.find().pretty();

{

"\_id" : ObjectId("5b8fad4ef00832a0a50b5036"), "Rno" : "1",

"Name" : "Om ",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad62f00832a0a50b5037"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad70f00832a0a50b5038"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad7ff00832a0a50b5039"), "Rno" : "4",

"Name" : "Henry",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad8df00832a0a50b503a"),

"Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fada4f00832a0a50b503b"),"Rno" : "6", "Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.remove({'ADD':'MP'}); WriteResult({ "nRemoved" : 1 })
* db.Student.find().pretty();

{

"\_id" : ObjectId("5b8fad62f00832a0a50b5037"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad70f00832a0a50b5038"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad7ff00832a0a50b5039"), "Rno" : "4",

"Name" : "Henry",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad8df00832a0a50b503a"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

{"\_id" : ObjectId("5b8fada4f00832a0a50b503b"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

>db.Student.save({\_id:ObjectId("5b8fad4ef00832a0a50b5036"),"RNO ":"1","NAME":"Om ","CLASS":"TE COMP","ADD":"MP"});

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1})

* db.Student.find().pretty();

{

"\_id" : ObjectId("5b8fad4ef00832a0a50b5036"), "RNO" : "1",

"NAME" : "Om ",

"CLASS" : "TE COMP",

"ADD" : "MP"

}

{

"\_id" : ObjectId("5b8fad62f00832a0a50b5037"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad70f00832a0a50b5038"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad7ff00832a0a50b5039"), "Rno" : "4","Name" : "Henry",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fad8df00832a0a50b503a"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5b8fada4f00832a0a50b503b"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find({$and:[{"Name":"Om "},{"Rno":"2"}]});
* db.Student.find({$and:[{"Name":"Om "},

{"Rno":"1"}]}).pretty();

{

"\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"), "Rno" : "1",

"Name" : "Om ",

"Class" : "TE COMP"

}

* db.Student.find({$and:[{"Name":"Om "},{"Rno":"2"}]}).pretty();
* db.Student.find({$or:[{"Name":"Om "},{"Rno":"2"}]}).pretty();

{

"\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"), "Rno" : "1",

"Name" : "Om ","Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

* db.Student.find({$or:[{"Name":"Om "},{"Class":"TE COMP"}]}).pretty();

{

"\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"), "Rno" : "1",

"Name" : "Om ",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh","Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find({$nor:[{"Name":"Om "},{"Class":"TE COMP"}]}).pretty();
* db.Student.find({$nor:[{"Name":"Om "},

{"Rno":"2"}]}).pretty();

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"),"Rno" : "5", "Name" : "Omkar",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

db.Student.find( {"Rno": { $not:{$lt:"3"}}}).pretty();

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"),

"Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6","Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $eq:"5"}}).pretty();

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $ne:"5"}}).pretty();

{

"\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"), "Rno" : "1",

"Name" : "Om ",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"),

"Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4","Name" : "Harsh",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $gt:"5"}}).pretty();

{

"\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $gte:"5"}}).pretty();

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d66df5bbacd4ad815692"), "Rno" : "6",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $lt:"5"}}).pretty();

{

"\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"),"Rno" : "1", "Name" : "Om ",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $lte:"5"}}).pretty();

{

"\_id" : ObjectId("5ba1d618f5bbacd4ad81568d"), "Rno" : "1",

"Name" : "Om ",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2","Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $lt:"5",$gt:"2"}}).pretty();

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh","Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $lte:"5",$gte:"2"}}).pretty();

{

"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $lte:"5",$gt:"2"}}).pretty();

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan","Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d65ef5bbacd4ad815691"), "Rno" : "5",

"Name" : "Omkar",

"Class" : "TE COMP"

}

* db.Student.find( {"Rno": { $lt:"5",$gte:"2"}}).pretty();

{

"\_id" : ObjectId("5ba1d625f5bbacd4ad81568e"), "Rno" : "2",

"Name" : "Atharva",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d63af5bbacd4ad81568f"), "Rno" : "3",

"Name" : "Aryan",

"Class" : "TE COMP"

}

{

"\_id" : ObjectId("5ba1d647f5bbacd4ad815690"), "Rno" : "4",

"Name" : "Harsh",

"Class" : "TE COMP"}