MongoDB shell version: 3.2.22

connecting to: test

> use Vehicle

switched to db Vehicle

> db.createCollection("Vehicle Details")

{ "ok" : 1 }

> show collections

Vehicle Details

> db.VehicleDetails.insertMany([ {Reg\_No:"BRG446",Make:"Ford",Model:"Meteor",Year:2009,Colour:"White"},{Reg\_No:"VRG655",Make:"BMW",Model:"Delivery Van",Year:2008,Colour:"Blue"}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6687b1c6f2912610d26cd4eb"),

ObjectId("6687b1c6f2912610d26cd4ec")

]

}

> db.VehicleDetails.insertOne({Reg\_No:"NMT667",Make:"Madza",Model:"Delivery Van",Year:2010,Colour:"Green"})

{

"acknowledged" : true,

"insertedId" : ObjectId("6687b2b1f2912610d26cd4ed")

}

> db.VehicleDetails.insertOne({Reg\_No:"CCT899",Make:"Toyota",Model:"HiLuxe",Year:2009,Colour:"Red"})

{

"acknowledged" : true,

"insertedId" : ObjectId("6687b2c6f2912610d26cd4ee")

}

> db.VehicleDetails.insertOne({Reg\_No:"FGR122",Make:"Mitsubishi",Model:"Magna",Year:2007,Colour:"Purple"})

{

"acknowledged" : true,

"insertedId" : ObjectId("6687b2f0f2912610d26cd4ef")

}

> db.VehicleDetails.find().pretty()

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4eb"),

"Reg\_No" : "BRG446",

"Make" : "Ford",

"Model" : "Meteor",

"Year" : 2009,

"Colour" : "White"

}

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4ec"),

"Reg\_No" : "VRG655",

"Make" : "BMW",

"Model" : "Delivery Van",

"Year" : 2008,

"Colour" : "Blue"

}

{

"\_id" : ObjectId("6687b2b1f2912610d26cd4ed"),

"Reg\_No" : "NMT667",

"Make" : "Madza",

"Model" : "Delivery Van",

"Year" : 2010,

"Colour" : "Green"

}

{

"\_id" : ObjectId("6687b2c6f2912610d26cd4ee"),

"Reg\_No" : "CCT899",

"Make" : "Toyota",

"Model" : "HiLuxe",

"Year" : 2009,

"Colour" : "Red"

}

{

"\_id" : ObjectId("6687b2f0f2912610d26cd4ef"),

"Reg\_No" : "FGR122",

"Make" : "Mitsubishi",

"Model" : "Magna",

"Year" : 2007,

"Colour" : "Purple"

}

> db.VehicleDetails.find({Make: { $regex: "^T" } })

{ "\_id" : ObjectId("6687b2c6f2912610d26cd4ee"), "Reg\_No" : "CCT899", "Make" : "Toyota", "Model" : "HiLuxe", "Year" : 2009, "Colour" : "Red" }

> db.VehicleDetails.find({Make: { $regex: "w^" } })

> db.VehicleDetails.find({Make: { $regex: "W^" } })

> db.VehicleDetails.find({Make: { $regex: "W^" } })

> db.VehicleDetails.find({Make: { $regex: "^D" } })

> db.VehicleDetails.find({Make: { $regex: "^M" } })

{ "\_id" : ObjectId("6687b2b1f2912610d26cd4ed"), "Reg\_No" : "NMT667", "Make" : "Madza", "Model" : "Delivery Van", "Year" : 2010, "Colour" : "Green" }

{ "\_id" : ObjectId("6687b2f0f2912610d26cd4ef"), "Reg\_No" : "FGR122", "Make" : "Mitsubishi", "Model" : "Magna", "Year" : 2007, "Colour" : "Purple" }

> db.VehicleDetails.find({Make: { $regex: "ad" } })

{ "\_id" : ObjectId("6687b2b1f2912610d26cd4ed"), "Reg\_No" : "NMT667", "Make" : "Madza", "Model" : "Delivery Van", "Year" : 2010, "Colour" : "Green" }

> db.VehicleDetails.find({Make: { $regex: "ad" } }).pretty()

{

"\_id" : ObjectId("6687b2b1f2912610d26cd4ed"),

"Reg\_No" : "NMT667",

"Make" : "Madza",

"Model" : "Delivery Van",

"Year" : 2010,

"Colour" : "Green"

}

> db.VehicleDetails.find({Make: { $regex: "W$" } })

{ "\_id" : ObjectId("6687b1c6f2912610d26cd4ec"), "Reg\_No" : "VRG655", "Make" : "BMW", "Model" : "Delivery Van", "Year" : 2008, "Colour" : "Blue" }

> db.VehicleDetails.updateOne({ Reg\_No:"FGR122" },{$set:{Colour:"Blue"}})

{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }

> db.VehicleDetails.find().pretty()

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4eb"),

"Reg\_No" : "BRG446",

"Make" : "Ford",

"Model" : "Meteor",

"Year" : 2009,

"Colour" : "White"

}

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4ec"),

"Reg\_No" : "VRG655",

"Make" : "BMW",

"Model" : "Delivery Van",

"Year" : 2008,

"Colour" : "Blue"

}

{

"\_id" : ObjectId("6687b2b1f2912610d26cd4ed"),

"Reg\_No" : "NMT667",

"Make" : "Madza",

"Model" : "Delivery Van",

"Year" : 2010,

"Colour" : "Green"

}

{

"\_id" : ObjectId("6687b2c6f2912610d26cd4ee"),

"Reg\_No" : "CCT899",

"Make" : "Toyota",

"Model" : "HiLuxe",

"Year" : 2009,

"Colour" : "Red"

}

{

"\_id" : ObjectId("6687b2f0f2912610d26cd4ef"),

"Reg\_No" : "FGR122",

"Make" : "Mitsubishi",

"Model" : "Magna",

"Year" : 2007,

"Colour" : "Blue"

}

> db.VehicleDetails.updateMany({$set:{Colour:"Blue"}})

2024-07-05T14:39:07.429+0530 E QUERY [thread1] TypeError: can't convert undefined to object :

DBCollection.prototype.updateMany@src/mongo/shell/crud\_api.js:561:16

@(shell):1:1

> db.VehicleDetails.updateOne({ },{$set:{Colour:"Blue"}})

{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }

> db.VehicleDetails.updateMany({ },{$set:{Colour:"Blue"}})

{ "acknowledged" : true, "matchedCount" : 5, "modifiedCount" : 2 }

> db.VehicleDetails.find().pretty()

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4eb"),

"Reg\_No" : "BRG446",

"Make" : "Ford",

"Model" : "Meteor",

"Year" : 2009,

"Colour" : "Blue"

}

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4ec"),

"Reg\_No" : "VRG655",

"Make" : "BMW",

"Model" : "Delivery Van",

"Year" : 2008,

"Colour" : "Blue"

}

{

"\_id" : ObjectId("6687b2b1f2912610d26cd4ed"),

"Reg\_No" : "NMT667",

"Make" : "Madza",

"Model" : "Delivery Van",

"Year" : 2010,

"Colour" : "Blue"

}

{

"\_id" : ObjectId("6687b2c6f2912610d26cd4ee"),

"Reg\_No" : "CCT899",

"Make" : "Toyota",

"Model" : "HiLuxe",

"Year" : 2009,

"Colour" : "Blue"

}

{

"\_id" : ObjectId("6687b2f0f2912610d26cd4ef"),

"Reg\_No" : "FGR122",

"Make" : "Mitsubishi",

"Model" : "Magna",

"Year" : 2007,

"Colour" : "Blue"

}

> db.VehicleDetails.updateMany({ },{$set:{EnNo:null }})

{ "acknowledged" : true, "matchedCount" : 5, "modifiedCount" : 5 }

> db.VehicleDetails.find().pretty()

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4eb"),

"Reg\_No" : "BRG446",

"Make" : "Ford",

"Model" : "Meteor",

"Year" : 2009,

"Colour" : "Blue",

"EnNo" : null

}

{

"\_id" : ObjectId("6687b1c6f2912610d26cd4ec"),

"Reg\_No" : "VRG655",

"Make" : "BMW",

"Model" : "Delivery Van",

"Year" : 2008,

"Colour" : "Blue",

"EnNo" : null

}

{

"\_id" : ObjectId("6687b2b1f2912610d26cd4ed"),

"Reg\_No" : "NMT667",

"Make" : "Madza",

"Model" : "Delivery Van",

"Year" : 2010,

"Colour" : "Blue",

"EnNo" : null

}

{

"\_id" : ObjectId("6687b2c6f2912610d26cd4ee"),

"Reg\_No" : "CCT899",

"Make" : "Toyota",

"Model" : "HiLuxe",

"Year" : 2009,

"Colour" : "Blue",

"EnNo" : null

}

{

"\_id" : ObjectId("6687b2f0f2912610d26cd4ef"),

"Reg\_No" : "FGR122",

"Make" : "Mitsubishi",

"Model" : "Magna",

"Year" : 2007,

"Colour" : "Blue",

"EnNo" : null

}

> db.VehicleDetails.find({Make: "BMW"})

{ "\_id" : ObjectId("6687b1c6f2912610d26cd4ec"), "Reg\_No" : "VRG655", "Make" : "BMW", "Model" : "Delivery Van", "Year" : 2008, "Colour" : "Blue", "EnNo" : null }