**Mongodb Quries**

**NAME :** Muthukumar Blesson

**USN :** 01FE20MCA054

**Collection Name : Books**

**INSERTING DATA INTO COLLECTION**

**Record 1:**

db.Books.insertOne({"Book\_Title":"Java","Author":"Horstmann","Publisher":"prentice","edition":11,"Year\_of\_pub":2011,"ISBN":0-345-24223-8});

**Record 2:**

db.Books.insertOne({"Book\_Title":"Line of Fire","Author":"Brian Paddick","Publisher":"Simon ","edition":3,"Year\_of\_pub":2008,"ISBN":979-82-7213-496-0});

**Record 3:**

db.Books.insertOne({"Book\_Title":"Line of Fire","Author":"Brian Paddick","Publisher":"Simon ","edition":3,"Year\_of\_pub":2008,"ISBN":978-82-7213-496-0});

**Record 4:**

db.Books.insertOne({"Book\_Title":"A Game of Thrones","Author":"Martin","Publisher":"Bantam Spectra ","edition":9,"Year\_of\_pub":2016,"ISBN":968-82-7223-496-0});

**Record 5:**

db.Books.insertOne({"Book\_Title":"The girl in room 105","Author":"chetan Bhagat","Publisher":"Westland","edition":3,"Year\_of\_pub":2018,"ISBN":978-82-7223-497-0});

**Record 6:**

db.Books.insertOne({"Book\_Title":"python","Author":"matthes","Publisher":"john","edition":3,"Year\_of\_pub":2019,"ISBN":978-82-7223-498-0});

**Record 7:**

db.Books.insertOne({"Book\_Title":"Alchemist","Author":"panlo coelno","Publisher":"harper","edition":3,"Year\_of\_pub":2018,"ISBN":978-81-7223-498-0});

**Record 8:**

db.Books.insertOne({"Book\_Title":"python","Author":"john Zelle","Publisher":"Rossum","edition":3,"Year\_of\_pub":2012,"ISBN":0-332-24223-9});

**Record 9:**

db.Books.insertOne({"Book\_Title":"C++","Author":"stanley","Publisher":"jossee","edition":5,"Year\_of\_pub":2016,"ISBN":0-342-24223-9});

**Record 10:**

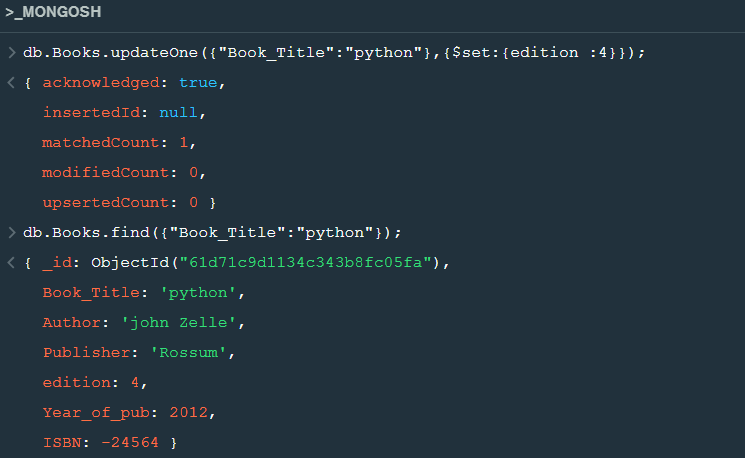
db.Books.insertOne({"Book\_Title":"Java","Author":"scott","Publisher":"shroff","edition":4,"Year\_of\_pub":2012,"ISBN":0-343-24223-9});

**To display the documents of collection Books :**

**Db.Books.find()**

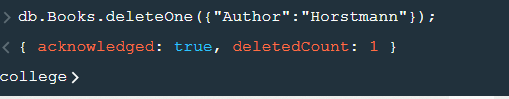
**To Update :**

db.Books.updateOne({"Book\_Title":"python"},{$set:{edition :4}});



**Delete Operation :**

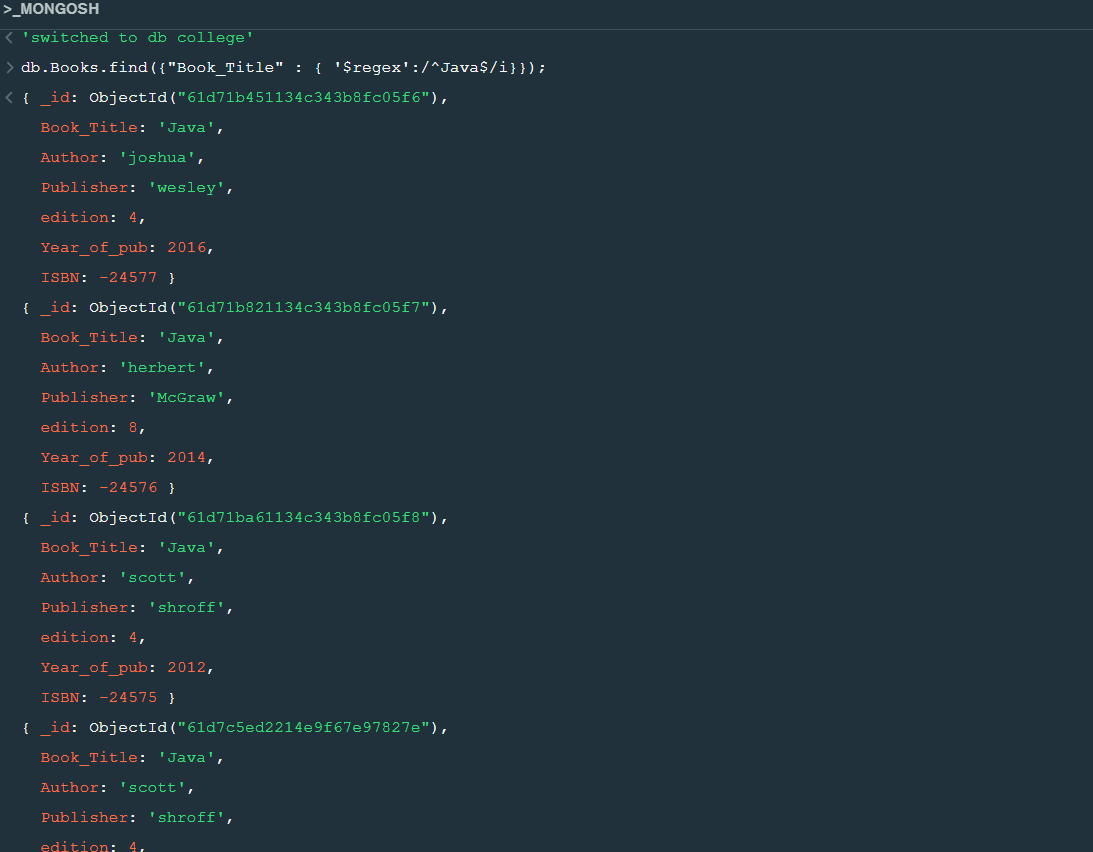
db.Books.deleteOne({"Author":"Horstmann"});



**Queries :**

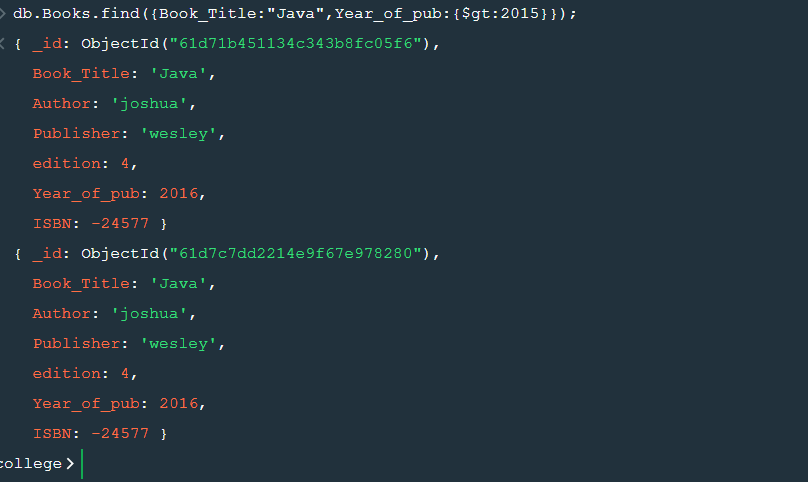
**1 Retrieve the books which contains the title as java(case in-sensitive)**

db.Books.find({"Book\_Title" : { '$regex':/^Java$/i}});



**2. Retrieve the books which contains the title as java and year of publication is greater than 2015**

db.Books.find({Book\_Title:"Java",Year\_of\_pub:{$gt:2015}});



**3. Retrieve the name of the author who has published more than two books.**

db.Books.find({“Book\_Title” : {$gt : 2}}).count();

**4.Retrieve the books whose edition is between 3rd and 4th**

db.Books.find({edition:{$gte:3,$lte:4}});

