# MongoDb

**FULL STACK ASSIGNMENT**

**Name: Pavan Kamat**

**Usn:01fe20mca037**

**Collection Name : BOOKS**

**INSERTING DATA INTO COLLECTION : BOOKS**

**Document1:**

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

**Document2:**

db.Books.insertOne({"Book\_Title":"Big Data Anaylatics","Author":"Seema Acharya","Publisher":"packt publishing Ltd","edition":"2.0.0","Year\_of\_pub":"September 2019","ISBN":"928-2-78398-234-6","type\_of\_book":"textbook"});

**Document3:**

db.Books.insertOne({"Book\_Title":"Big Data Anaylatics","Author":"Seema Acharya","Publisher":"packt publishing Ltd","edition":"2.0.0","Year\_of\_pub":"September 2019","ISBN":"928-2-78398-234-6","type\_of\_book":"textbook"});

**Document4:**

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});

**Document5:**

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});

**Document6:**

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});

**Document7:**

db.Books.insertOne({"Book\_Title":"Machine Learning","Author":"Tom Mitchell","Publisher":"O’Reily Media","edition":3,"Year\_of\_pub":2016,"ISBN":908-3-76543-123-5});

**Document8:**

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

**Document9:**

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

**Document10:**

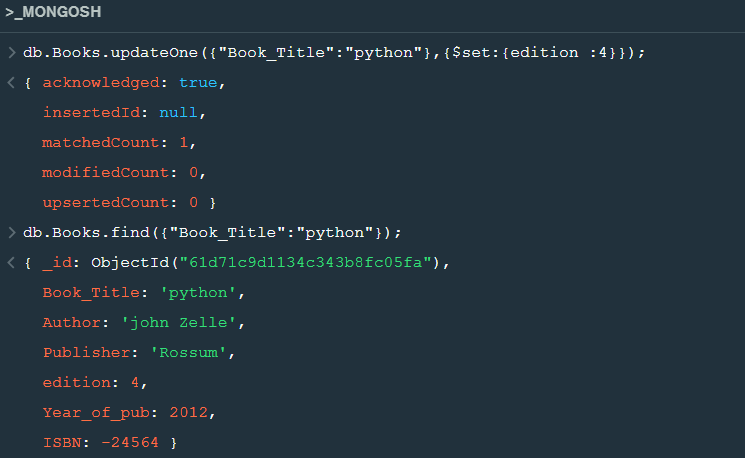
db.Books.insertOne({"Book\_Title":"Java","Author":"herbert","Publisher":"McGraw","edition":8,"Year\_of\_pub":2014,"ISBN":0-344-24223-9});

**Display the documents of collection BOOKS :**

**Db.BOOKS.find()**

**To Update :**

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



**Queries**

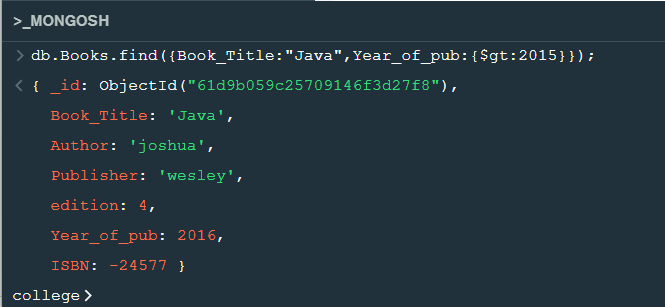
**1 Retrieve the books which contains the title as java(case in-sensitive)**

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}});

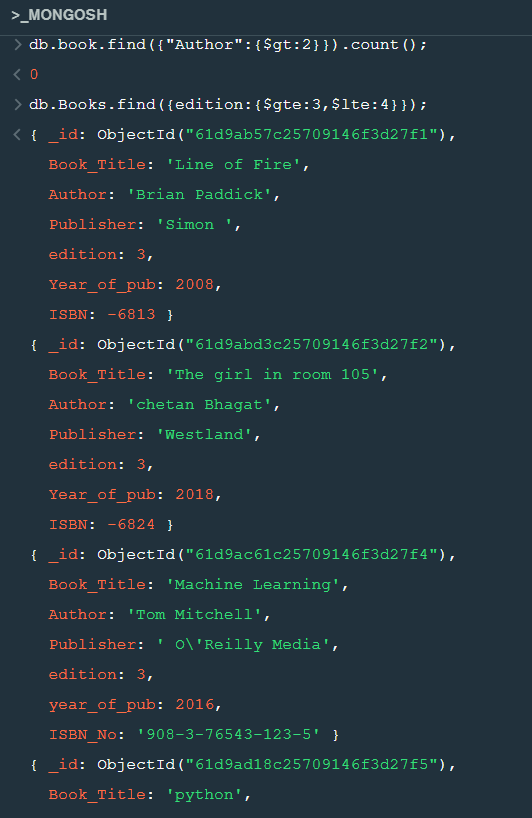


**3. Retrieve the name of the author who has published more than two books.**

db.book.find({"Author":{$gt:2}}).count();

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

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

****d({edition:{$gte:3,$lte:4}});

