**CREATE OPERATION:**

1.Create a new database and switch to it

use library

-Create a collection named "books"

db.createCollection(“books”)

- Insert a document into the "books" collection

db.books.insert({title:"Rich Dad Poor Dad",author:"Robert Kiyosaki",published\_year:1997})

**READ OPERATION:**

2.Read

a)Retrieve all documents from the "books" collection

db.books.find()

b)Find and display only the documents where the author is " Robert Kiyosaki "

db.books.find({author: "Rich Dad Poor Dad"})

c)Fetch and display the document with the earliest published year

db.books.find().sort({published\_year:1}).limit(1)

**UPDATE OPEARTION**

3. Update

-Update the published year of the book with the title "Rich Dad Poor Dad"

db.books.update({title: "Rich Dad Poor Dad"},{$set:{published\_year:1997}})

-Add a new field "genre" with the value "Self Help" to all documents

db.books.update({},{$set:{genre:"self help"}},{multi:true})

**DELETE OPEARTION**

4. Delete

-Remove the document with the title "1990"

db.books.remove({published\_year:{$lt:1990}})

5. Advanced Query:

-Find and display the top 3 recently published books from the "books" collection.

db.books.find().sort({published\_year:-1}).limit(3)