23. **Create a collection named Book. Add 5 documents in the collection with keys (book\_isbn,title,punlisher\_name,author(Name, Address, Phone No[landline, mobile]), publisher\_city, price,copies)**

1. Select Book Names whose title is ”DBMS” .
2. Update Book Copies as “10” whose Book Publisher is “Tata MacGraw Hill”.
3. Display name of publishers as per no of books published by them in ascending order.
4. Get publisher names who published at least one book written by author name like

‘K%’.

**Delete the book from Book table written by Author ‘Korth’** // Use your MongoDB database and collection names use your\_database\_name;

// Create the "Book" collection

db.createCollection("Book");

// Insert 5 documents into the "Book" collection db.Book.insert([

{

book\_isbn: "123456", title: "DBMS", publisher\_name: "Tata MacGraw Hill",

author: { name: "Korth", address: "123 Main St", phone: { landline: "123-456-7890", mobile: "987-654-3210" }

},

publisher\_city: "Mumbai", price: 29.99, copies: 5

} ]);

//select book names dbms

db.Book.find({ title: "DBMS" }, { title: 1, \_id: 0 });

**Update Book Copies as "10" whose Book Publisher is "Tata MacGraw Hill":**

db.Book.update(

{ publisher\_name: "Tata MacGraw Hill" },

{ $set: { copies: 10 } },

{ multi: true }

);

**Display the name of publishers as per the number of books published by them in ascending order:**

db.Book.aggregate([

{ $group: { \_id: "$publisher\_name", count: { $sum: 1 } } },

{ $sort: { count: 1 } }

]);

**Get publisher names who published at least one book written by the author name like 'K%':**

db.Book.distinct("publisher\_name", { "author.name": /^K/ });

**Delete the book from the "Book" collection written by Author 'Korth':**

db.Book.remove({ "author.name": "Korth" });