

Mongo DB

16.Create a collection named Book. (book_isbn,title,publisher_name,author(Name, Address, Phone No[landline, mobile]), publisher_city, price,copies)

```
db.createCollection("Book")
```

Add 5 documents in the collection with keys

a. Give details of Books whose Publisher lives in “Pune”.

```
test> db.Book.find({'publisher_city':"Pune"})
[
  {
    _id: ObjectId("6558ae4984707bc21d864499"),
    book_isbn: 'ISBN002',
    title: 'The Amazing Journey',
    publisher_name: 'Pearson',
    author: {
      name: 'Sayali S',
      address: 'Jalgaon,Maharashtra',
      phone: { landline: '673-456-3545', mobile: '123-456-7890' }
    },
    publisher_city: 'Pune',
    price: 30,
    copies: 50
  }
]
```

b. Delete name Book from Book whose name start with “D”

```
db.Book.deleteOne({ title: /^D/ })
```

c. Change the city of publisher “Pearson” to “Pune”.

```
db.Book.updateOne({ "publisher_name": "Pearson" }, { $set: { "publisher_city": "Pune" } })
```

d. Find the details of publisher named “Pearson”.

```
db.Book.findOne({ "publisher_name": "Pearson" })
```

Insert 5 records

```
test> db.Book.insertOne({book_isbn:"ISBN001",title:"The Great Gatsby",publisher_name:"Random House",author:{name:"F.Scott ",address:"123 Main St,Anytown",phone:{landline:"123-456-7890",mobile:"987-654-3210"}},publisher_city:"New York",price:20.99,copies:100})
```

```
{
  acknowledged: true,
  insertedId: ObjectId("6558acad84707bc21d864498")
}
```

```
test> db.Book.insertOne({book_isbn:"ISBN002",title:"The Amazing Journey",publisher_name:"Pearson",author:{name:"Sayali S",address:"Jalgaon,Maharashtra",phone:{landline:"673-456-3545",mobile:"123-456-7890"}},publisher_city:"Pune",price:30,copies:50})
```

```
{
  acknowledged: true,
  insertedId: ObjectId("6558ae4984707bc21d864499")
}
```

```
test> db.Book.insertOne({book_isbn:"ISBN003",title:"Digital Circuits",publisher_name:"Techomax",author:{name:"Chinmayee K",address:"Banglore,Karnataka",phone:{landline:"883-456-3545",mobile:"222-456-7890"}},publisher_city:"Mumbai",price:400,copies:150})
```

```
{
  acknowledged: true,
  insertedId: ObjectId("6558aed384707bc21d86449a")
}
```

```

test> db.Book.insertOne({book_isbn:"ISBN004",title:"Winter
Nights",publisher_name:"Magzine34",author:{name:"Ostwal P",address:"MG road
111,Gujarat",phone:{landline:"993-456-3545",mobile:"892-456-
7890"}},publisher_city:"Surat",price:1000.80,copies:80})

{
  acknowledged: true,
  insertedId: ObjectId("6558af7084707bc21d86449b")
}

test> db.Book.insertOne({book_isbn:"ISBN005",title:"DarkWay
1990",publisher_name:"Horizon",author:{name:"Sharma MP",address:"Chandi
Chowk,Delhi",phone:{landline:"234-456-3545",mobile:"787-456-
7890"}},publisher_city:"Alahabad",price:500.40,copies:45})

{
  acknowledged: true,
  insertedId: ObjectId("6558b01d84707bc21d86449c")
}

```

To Show all inserted Records

```

test> db.Book.find();

[
  {
    _id: ObjectId("6558ac4384707bc21d864497"),
    book_isbn: 'ISBN001',
    title: 'The Great Gatsby',
    publisher_name: 'Random House',
    author: {
      name: 'F.Scott ',
      address: '123 Main St,Anytown',
      phone: { landline: '123-456-7890', mobile: '987-654-3210' }
    },

```

```
publisher_city: 'New York',
price: 20.99,
copies: 100
},
{
  _id: ObjectId("6558acad84707bc21d864498"),
  book_isbn: 'ISBN001',
  title: 'The Great Gatsby',
  publisher_name: 'Random House',
  author: {
    name: 'F.Scott ',
    address: '123 Main St,Anytown',
    phone: { landline: '123-456-7890', mobile: '987-654-3210' }
  },
  publisher_city: 'New York',
  price: 20.99,
  copies: 100
},
{
  _id: ObjectId("6558ae4984707bc21d864499"),
  book_isbn: 'ISBN002',
  title: 'The Amazing Journey',
  publisher_name: 'Pearson',
  author: {
    name: 'Sayali S',
    address: 'Jalgaon,Maharashtra',
    phone: { landline: '673-456-3545', mobile: '123-456-7890' }
  },
  publisher_city: 'Pune',
  price: 30,
  copies: 50
}
```

```
},
{
  _id: ObjectId("6558aed384707bc21d86449a"),
  book_isbn: 'ISBN003',
  title: 'Digital Circuits',
  publisher_name: 'Techomax',
  author: {
    name: 'Chinmayee K',
    address: 'Banglore,Karnataka',
    phone: { landline: '883-456-3545', mobile: '222-456-7890' }
  },
  publisher_city: 'Mumbai',
  price: 400,
  copies: 150
},
{
  _id: ObjectId("6558af7084707bc21d86449b"),
  book_isbn: 'ISBN004',
  title: 'Winter Nights',
  publisher_name: 'Magzine34',
  author: {
    name: 'Ostwal P',
    address: 'MG road 111,Gujarat',
    phone: { landline: '993-456-3545', mobile: '892-456-7890' }
  },
  publisher_city: 'Surat',
  price: 1000.8,
  copies: 80
},
{
  _id: ObjectId("6558b01d84707bc21d86449c"),
```

```
book_isbn: 'ISBN005',
title: 'DarkWay 1990',
publisher_name: 'Horizon',
author: {
  name: 'Sharma MP',
  address: 'Chandi Chowk,Delhi',
  phone: { landline: '234-456-3545', mobile: '787-456-7890' }
},
publisher_city: 'Alahabad',
price: 500.4,
copies: 45
}
]
```