**ASSIGNMENT 2:**

You have to replicate the below data in your database. With this in mind, create a node application and APIs to do the following:

1. Write down the schemas for book and authors (keeping the data given below in mind). Also create the documents (corresponding to the data given below) in your database.

2. CRUD operations. Write API's to do the following:

* Write create APIs for both books and authors ---> If author\_id is not available then do not accept the entry(in neither the aurthor collection onr the books collection)
* List out the books written by Chetan Bhagat
* find the author of “Two states” and update the book price to 100; Send back the author\_name and updated price in response
* Find the books which costs between 50-100(50,100 inclusive) and respond back with the author names of respective books

// \_id:ObjectId("8781263871293"), \_id will be automatically generated

**Authors:**

{

author\_id:1,

author\_name:"Chetan Bhagat",

age:25,

address:"New delhi"

},

{

author\_id:2,

author\_name:"J.k Rowling",

age:60,

address:"Britain"

},

{

author\_id:3,

author\_name:"Ramanujan",

age:100,

address:"Tamilnadu"

}

**Books:**

{

name:"Two states",

author\_id:1,

price:50,

ratings:4.5,

},

{

name:"Five Point Someone",

author\_id:1,

price:50,

ratings:4.5,

},

{

name:"The 3 Mistakes of My Life",

author\_id:1,

price:50,

ratings:4.5,

},

{

name:"One Arranged Murder",

author\_id:1,

price:50,

ratings:4.5,

},

{

name:"Harry Porter",

author\_id:2,

price:50,

ratings:4.5,

},

{

name:"Harry Porter",

author\_id:2,

price:50,

ratings:4.5,

}