**Ques. Create two collections "users" and "bookings" with following sample documents (you may insert more):**

**users collections:**

=====================

db.users.insertMany([

{

"user\_id": "1",

"name": "John Doe",

"email": "john.doe@example.com",

"date\_of\_birth": ISODate("1985-04-23"),

"loyalty\_points": 120

},

{

"user\_id": "2",

"name": "Jane Smith",

"email": "jane.smith@example.com",

"date\_of\_birth": ISODate("1990-07-12"),

"loyalty\_points": 50

}

]);

**bookings collections:**

=====================

db.bookings.insertMany([

{

"booking\_id": "1",

"user\_id": "1",

"movie\_id": "1",

"theater\_id": "1",

"seats\_booked": 2,

"total\_price": 30,

"booking\_date": ISODate("2023-09-10")

},

{

"booking\_id": "2",

"user\_id": "2",

"movie\_id": "3",

"theater\_id": "2",

"seats\_booked": 4,

"total\_price": 60,

"booking\_date": ISODate("2023-09-11")

},

{

"booking\_id": "3",

"user\_id": "3",

"movie\_id": "1",

"theater\_id": "1",

"seats\_booked": 1,

"total\_price": 15,

"booking\_date": ISODate("2023-09-12")

}

]);

**Task to be done:IS**

Update the loyalty points of all users who have booked more than 3 seats to give them an extra 10 points.

db.bookings.aggregate([

{

$group: {

\_id: "$user\_id",

totalSeats: { $sum: "$seats\_booked" }

}

},

{

$match: {

totalSeats: { $gt: 3 }

}

}

]).forEach(function(user) {

db.users.updateOne(

{ user\_id: user.\_id },

{ $inc: { loyalty\_points: 10 } }

);

});

// Print updated users

db.users.find().forEach(printjson);

{

\_id: ObjectId('6790bfb260e3df39543b7fd1'),

user\_id: '1',

name: 'John Doe',

email: 'john.doe@example.com',

date\_of\_birth: 1985-04-23T00:00:00.000Z,

loyalty\_points: 120

}

{

\_id: ObjectId('6790c00660e3df39543b7fd2'),

user\_id: '2',

name: 'Jane Smith',

email: 'jane.smith@example.com',

date\_of\_birth: 1990-07-12T00:00:00.000Z,

loyalty\_points: 80

}

mydb

Selection deleted