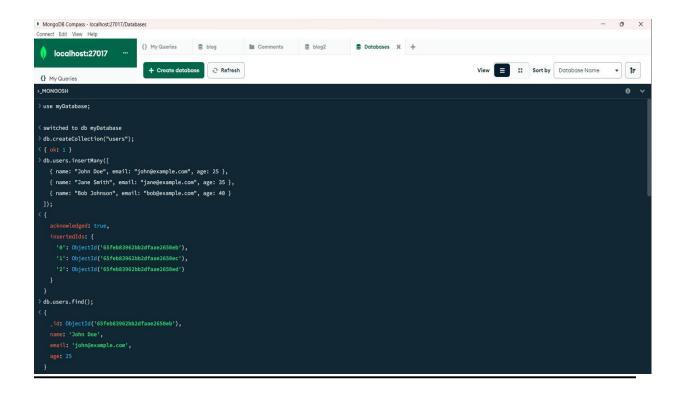
ASSIGNMENT – 4

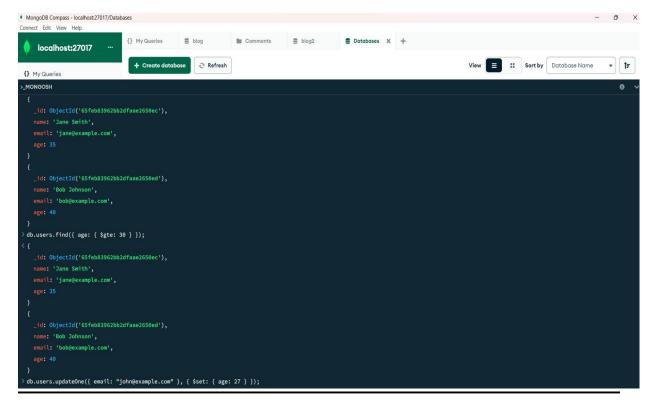
Creating a Database Using MongoDB and Mongosh

Mongosh Commands

```
// Database Setup: Create a new MongoDB database called myDatabase
>use myDatabase;
// Collection Creation: Create a collection named users within the myDatabase
database
>db.createCollection("users");
// Document Insertion: Insert at least three documents into the users collection
>db.users.insertMany([
 { name: "John Doe", email: "john@example.com", age: 25 },
 { name: "Jane Smith", email: "jane@example.com", age: 35 },
 { name: "Bob Johnson", email: "bob@example.com", age: 40 }
1);
// Querying: Retrieve all users from the users collection
>db.users.find();
// Querying: Retrieve users with an age greater than or equal to 30
>db.users.find({ age: { $gte: 30 } });
// Update Operation: Update the age of a user with a specific email address
>db.users.updateOne({ email: "john@example.com" }, { $set: { age: 27 } });
// Deletion Operation: Delete a user document based on a specific email address
>db.users.deleteOne({ email: "bob@example.com" });
// Index Creation: Create an index on the email field of the users collection
>db.users.createIndex({ email: 1 });
```

Output Of commands





```
Monopolis Compass - localization 2017 (Polishabases Connect Sets View High Comments Sets View High Co
```