**Creating a database using mongodb and mongoose:**

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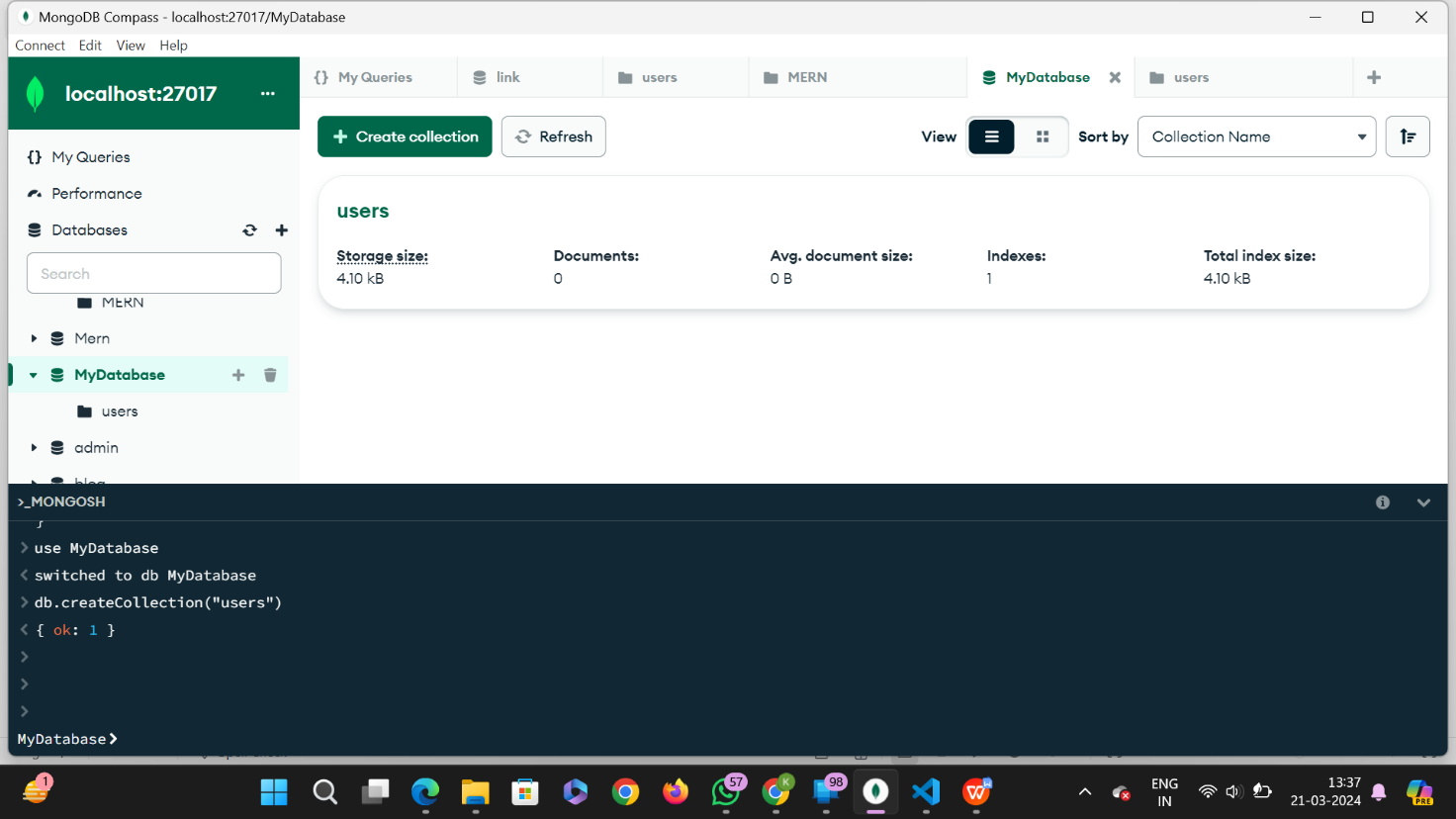
**Database using mongoose:**

1. **Creating database and collection:**

**Used commands:**

-use (database name): To create database

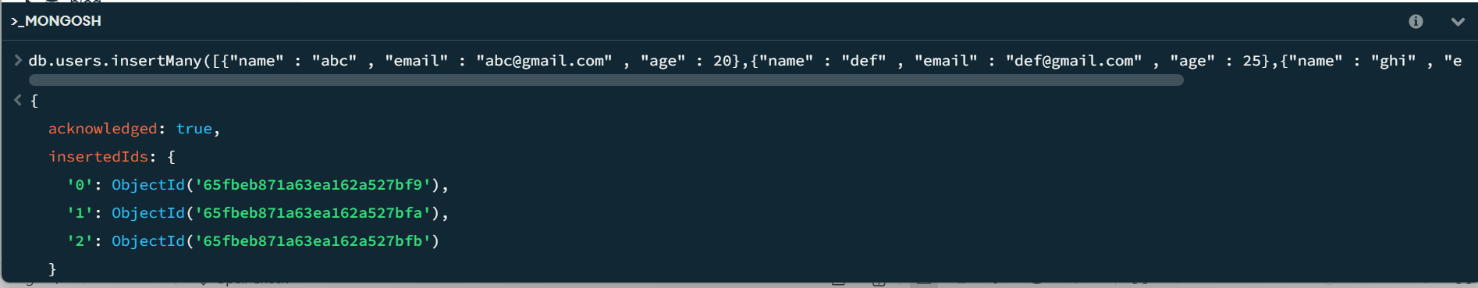
-db.createCollection.(“collection name”) : To create collection

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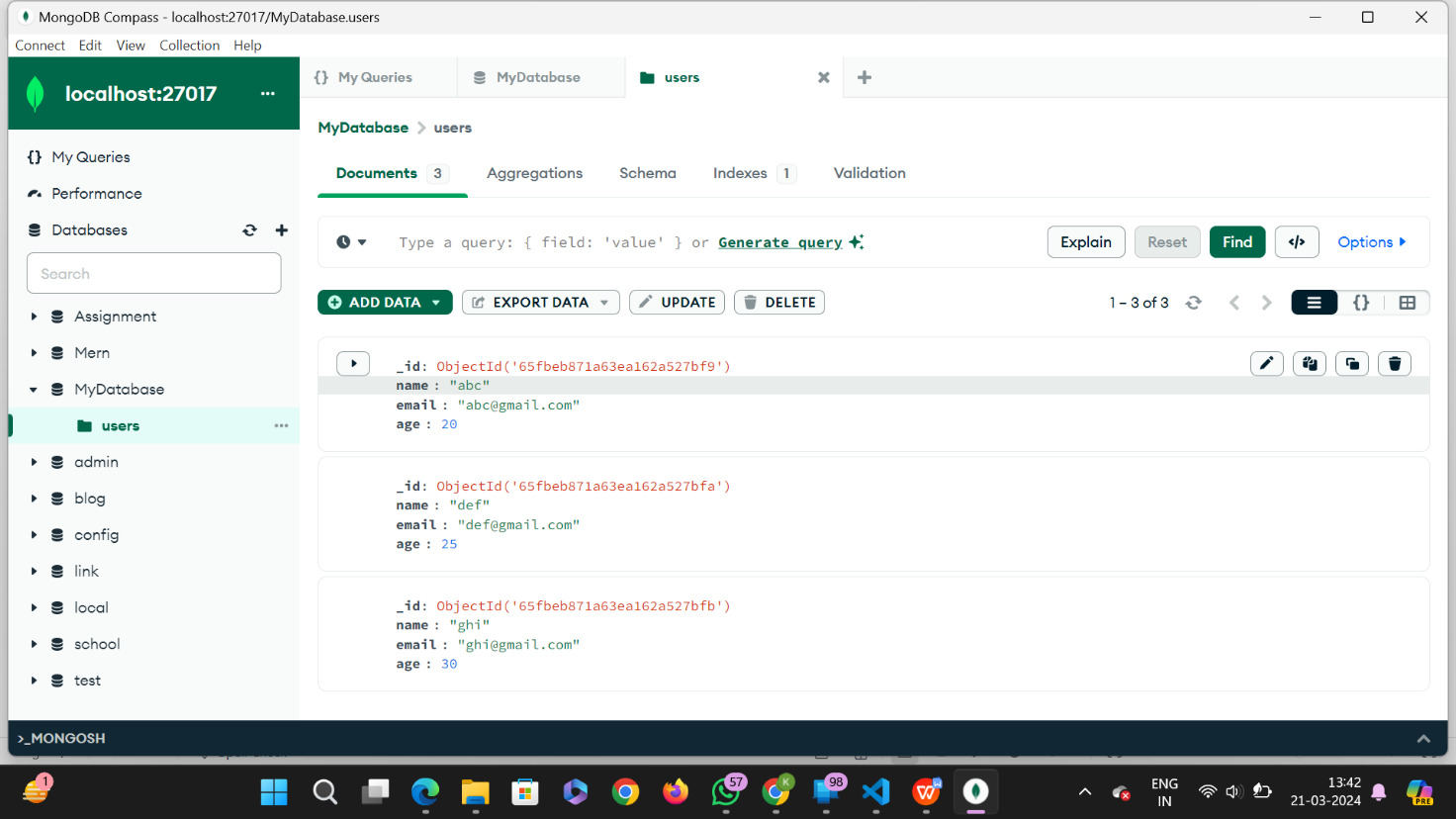
1. **Inserting documents:**

**Used commands:**

-db.collectionName.insertMany([{data1},{data2},{data3}]) : To insert multiple data into the database.

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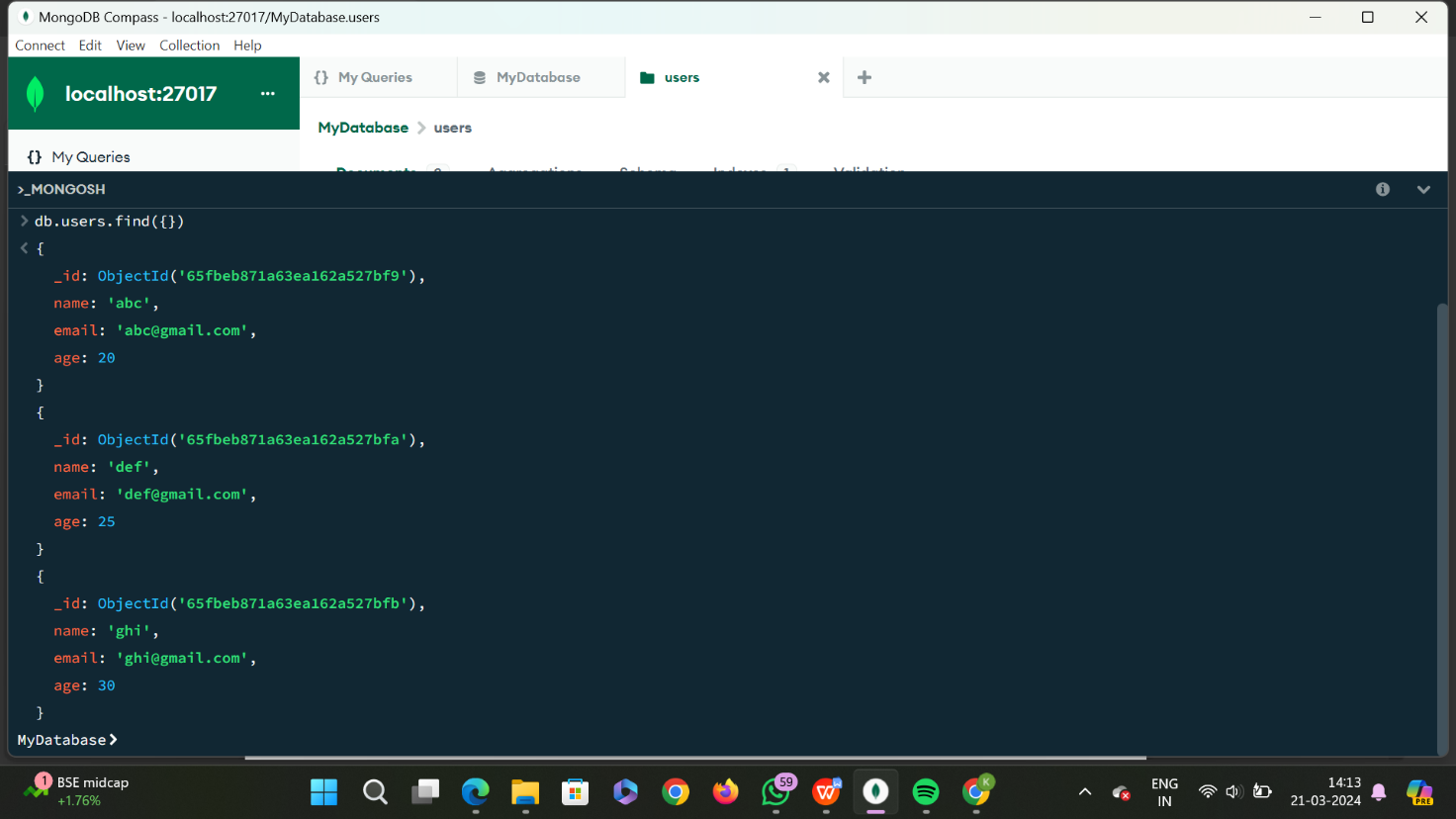
**Output:**

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1. **mongoose query to retrieve “all users from the users collection“:**

**Used commands:**

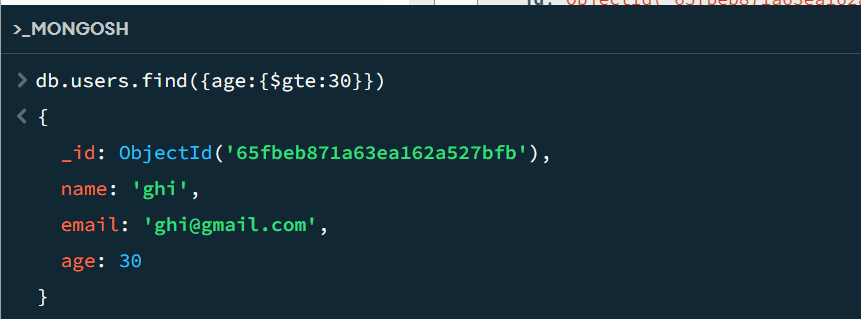
**-**db.users.find({}) : To retrive all the users data from the database.

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1. **mongoose query to “Users with an age greater than or equal to 30. ” :**

**Used commands:**

**-db.collectionName.find({parameters}) :** To retrieve data from the users with an age greater than or equal to 30.

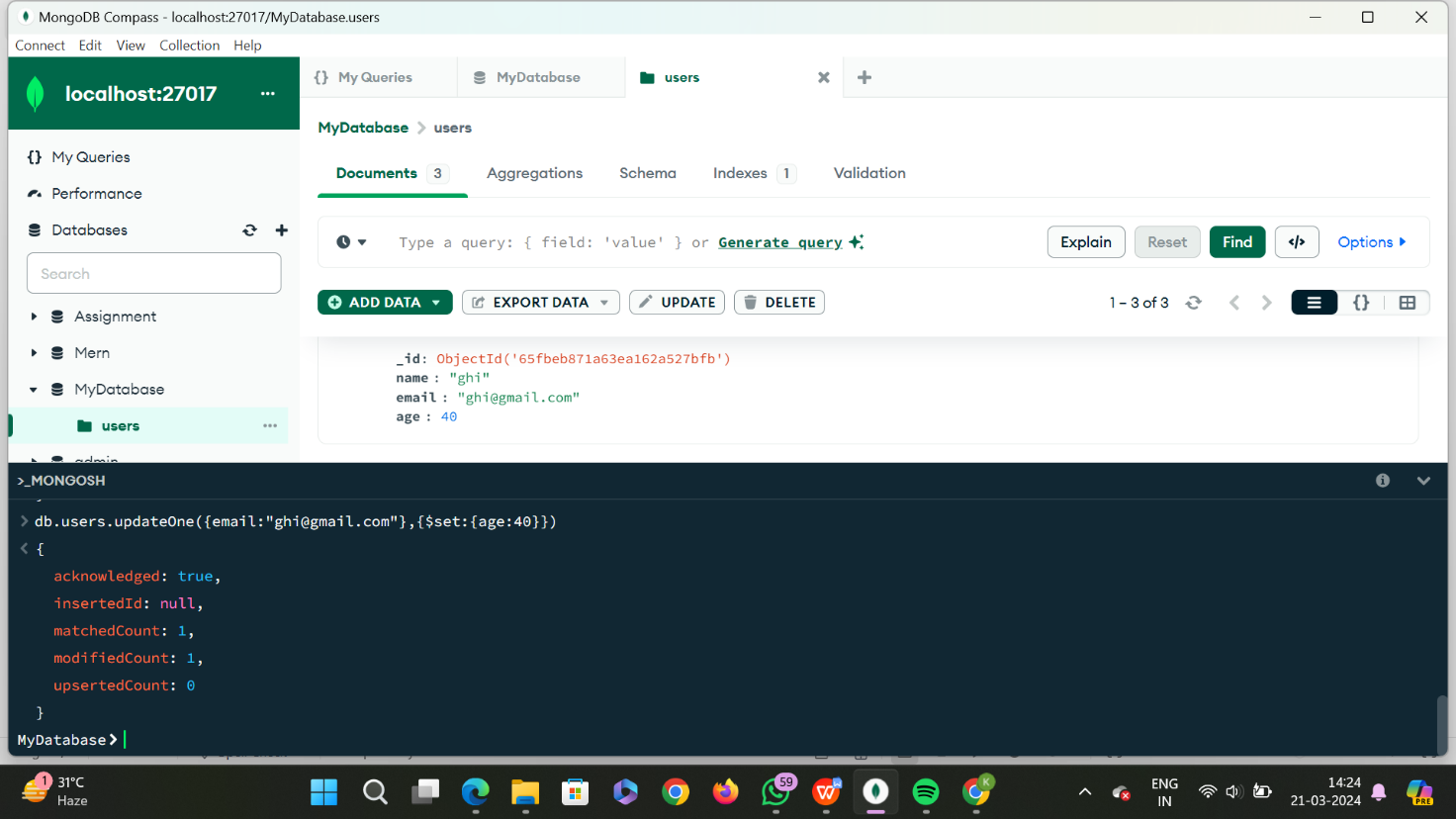
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1. **Update the age of a user with a specific email address.**

**Used commands:**

-db.collectionName.updateOne({default value}, {update value}) :

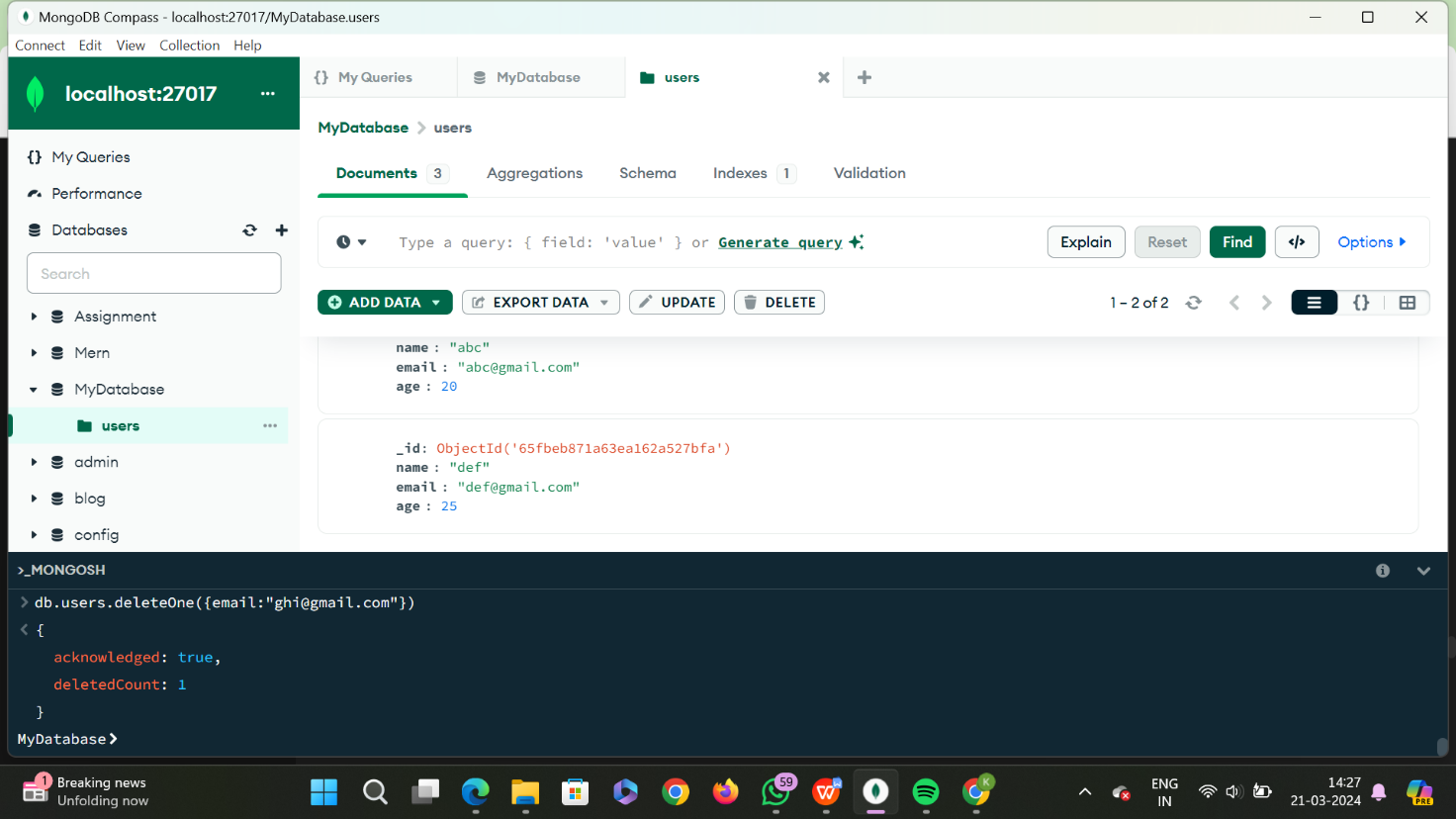
To update the age of a user with a specific email address.

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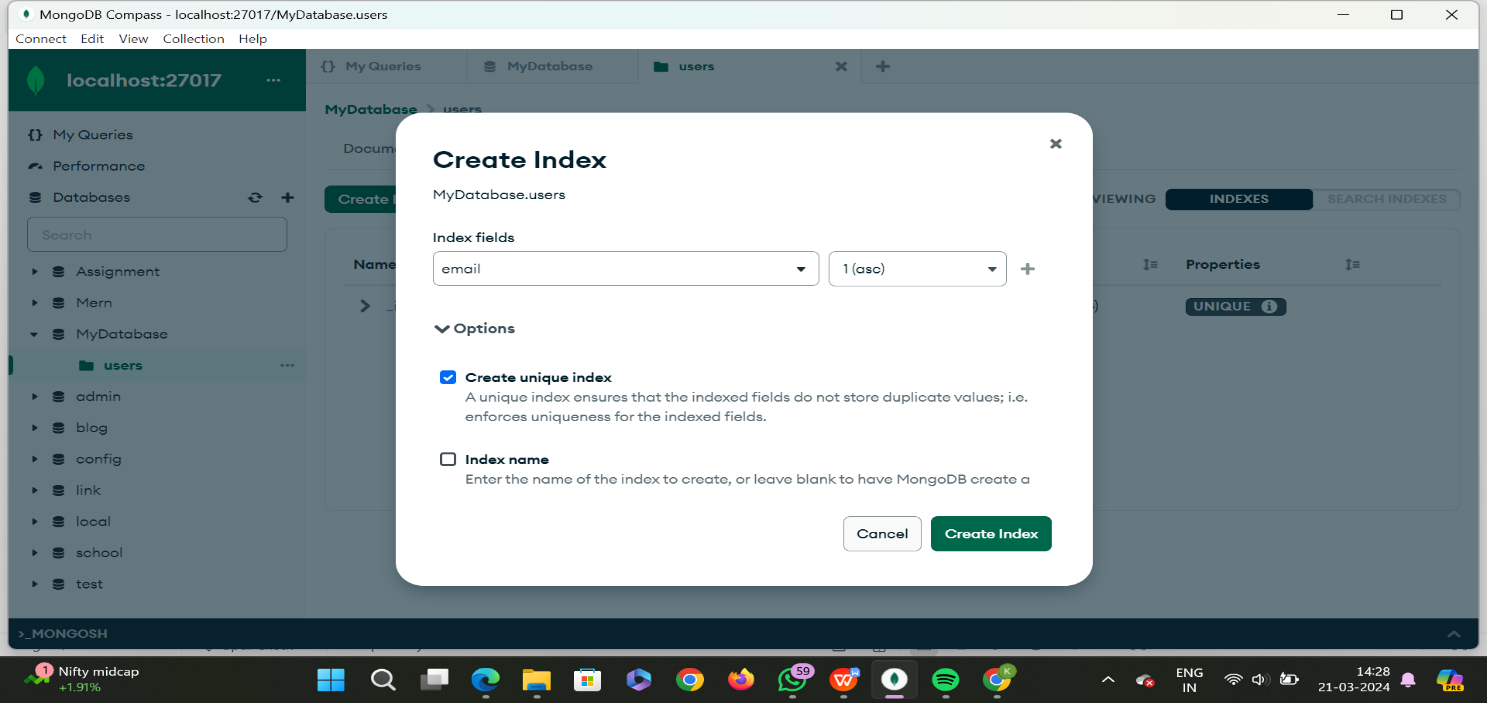
1. **Delete a user document based on a specific email address.**

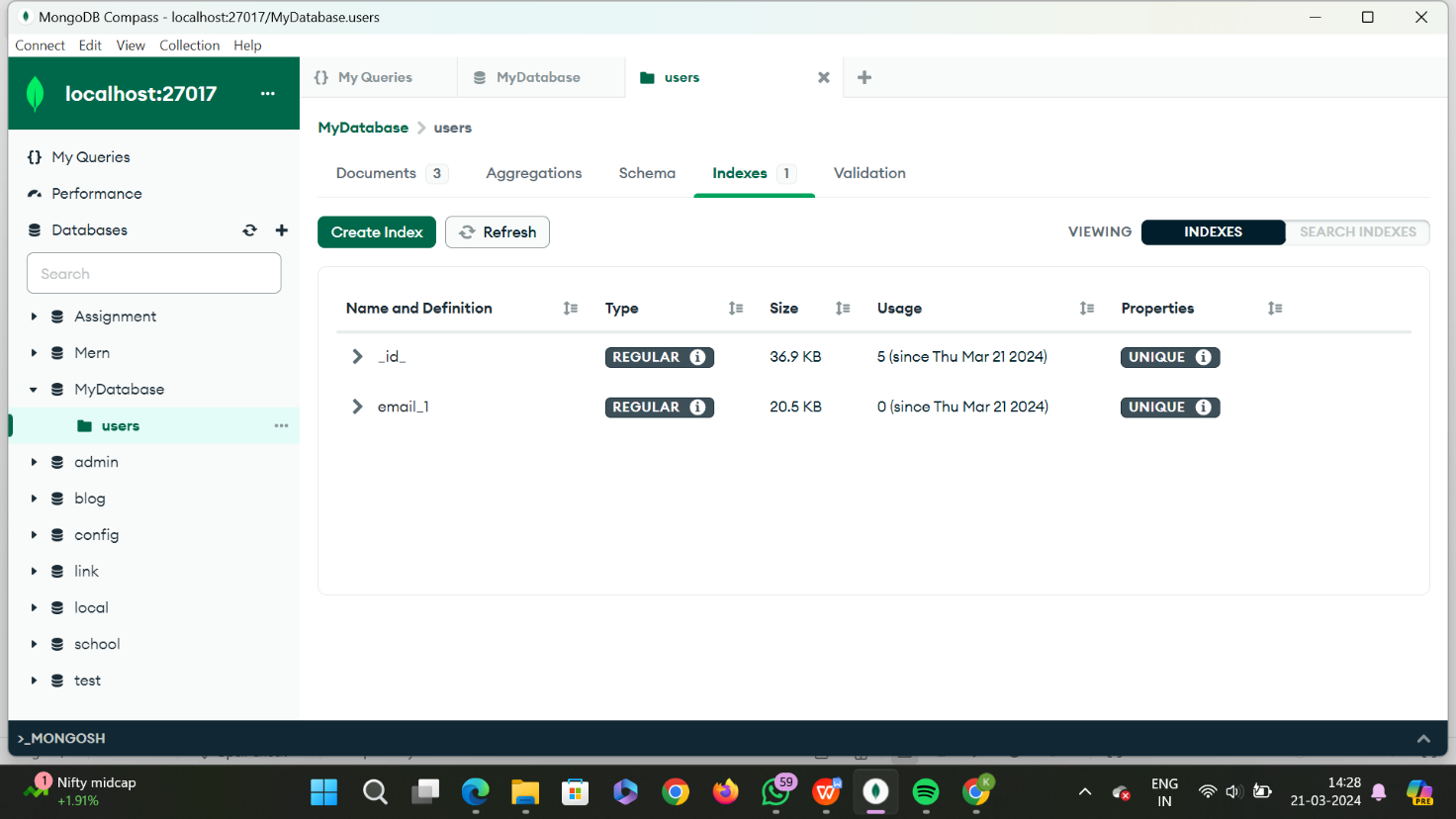
**Used commands:**

-db.collectionName.deleteOne : To delete a user document based on a specific email address.

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1. **Create an index on the email field of the users collection.**

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