Lesson 03 Demo 01

Creating and Inserting a Document

Objective: To create and insert the document within the collection of a MongoDB database
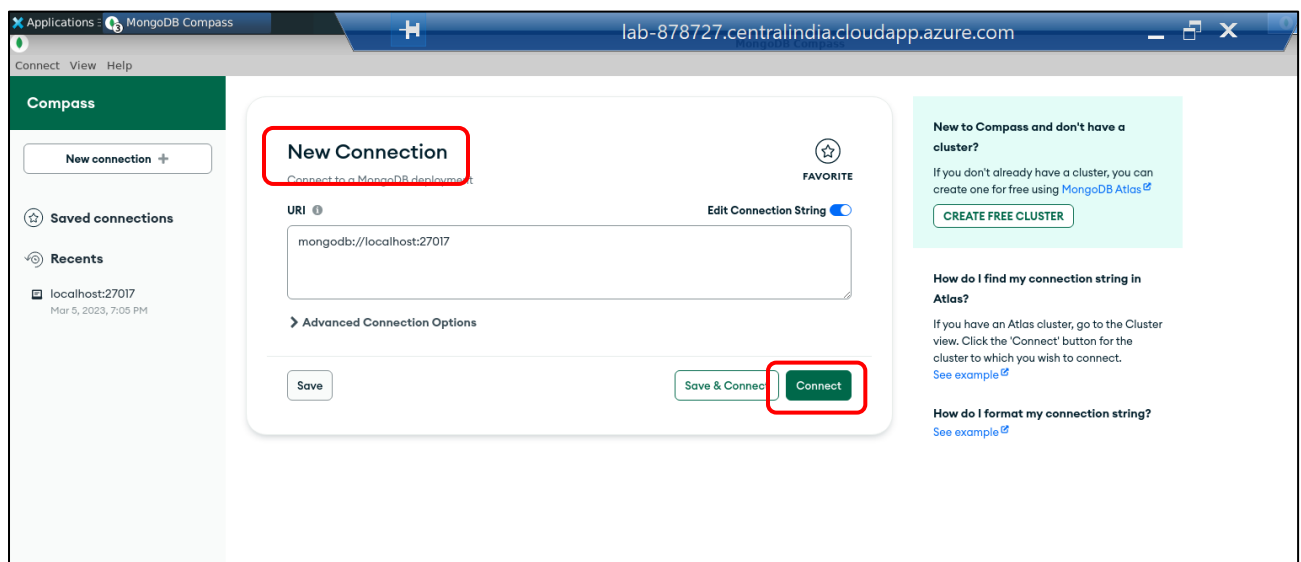
Tools required: MongoDB Compass
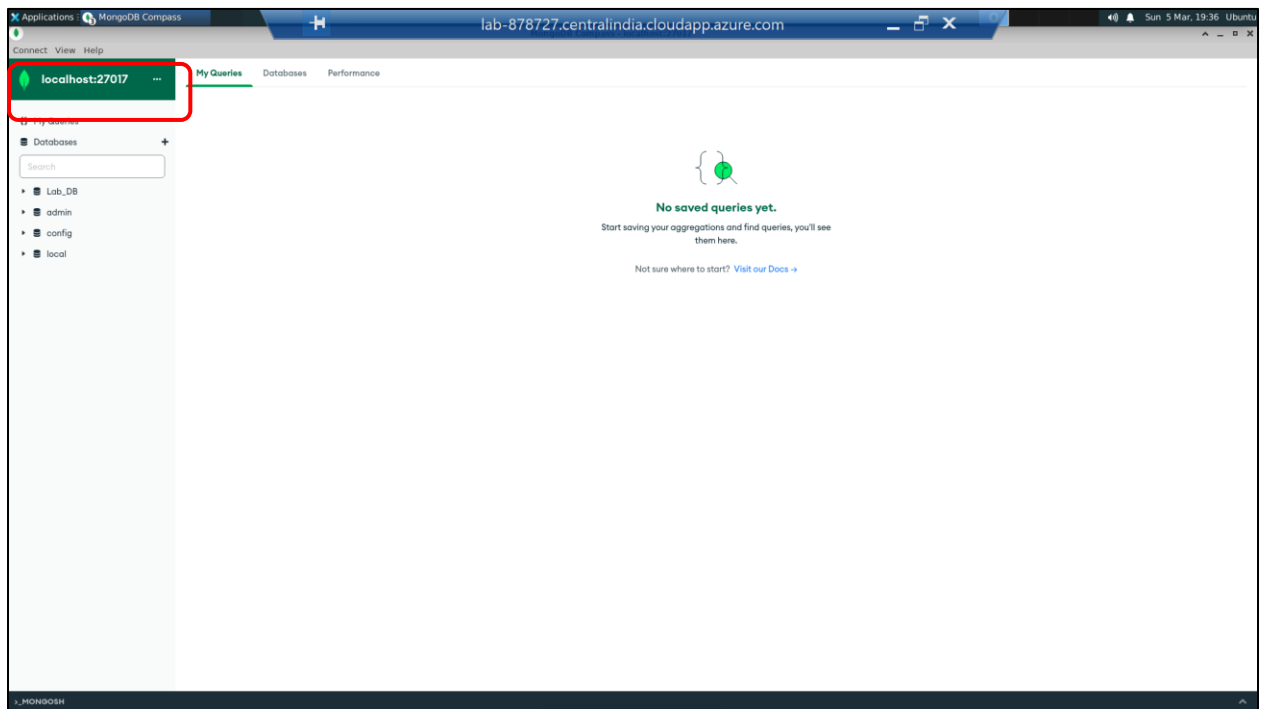
Prerequisites: None

Steps to be followed:

1. Connect to MongoDB Compass by using the virtual machine extension
2. Create a database in the MongoDB Compass
3. Create a collection in the database
4. Insert a document in the collection

Step 1: Connect to MongoDB Compass by using the virtual machine extension

1.1 Create a new connection in MongoDB Compass by entering
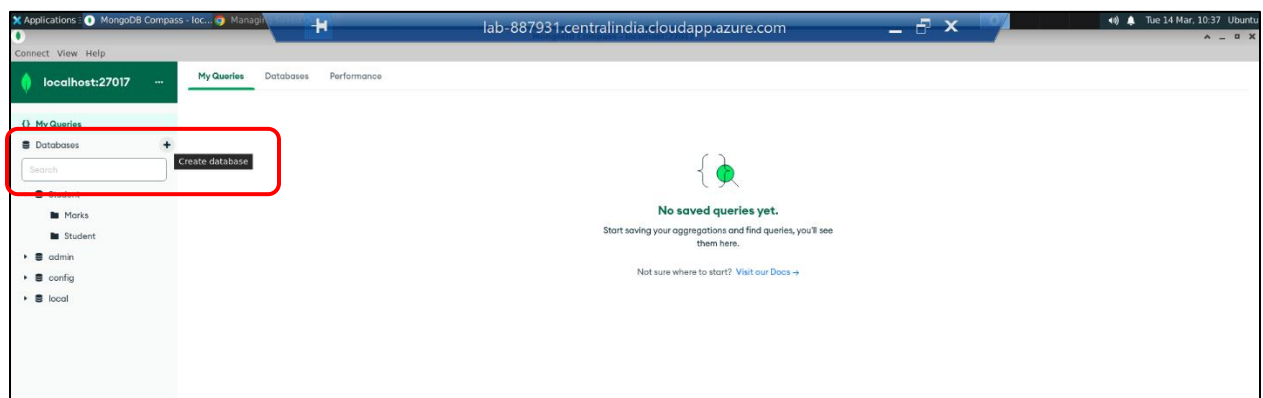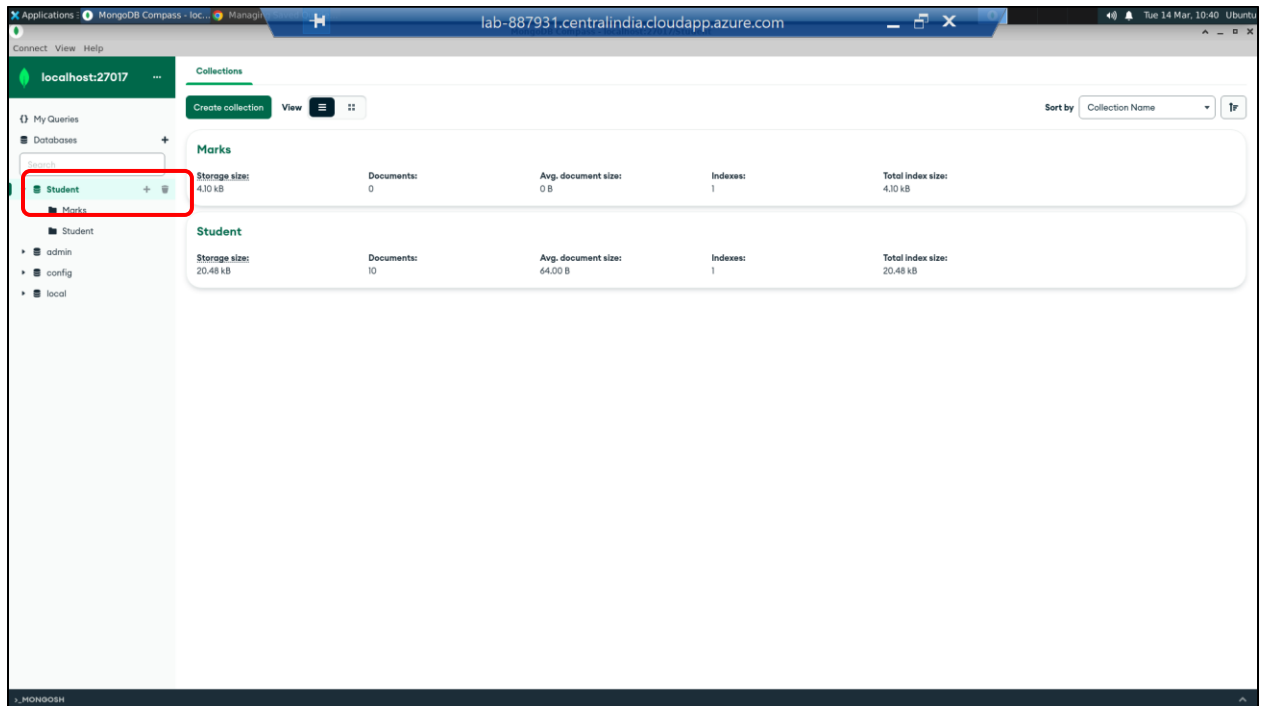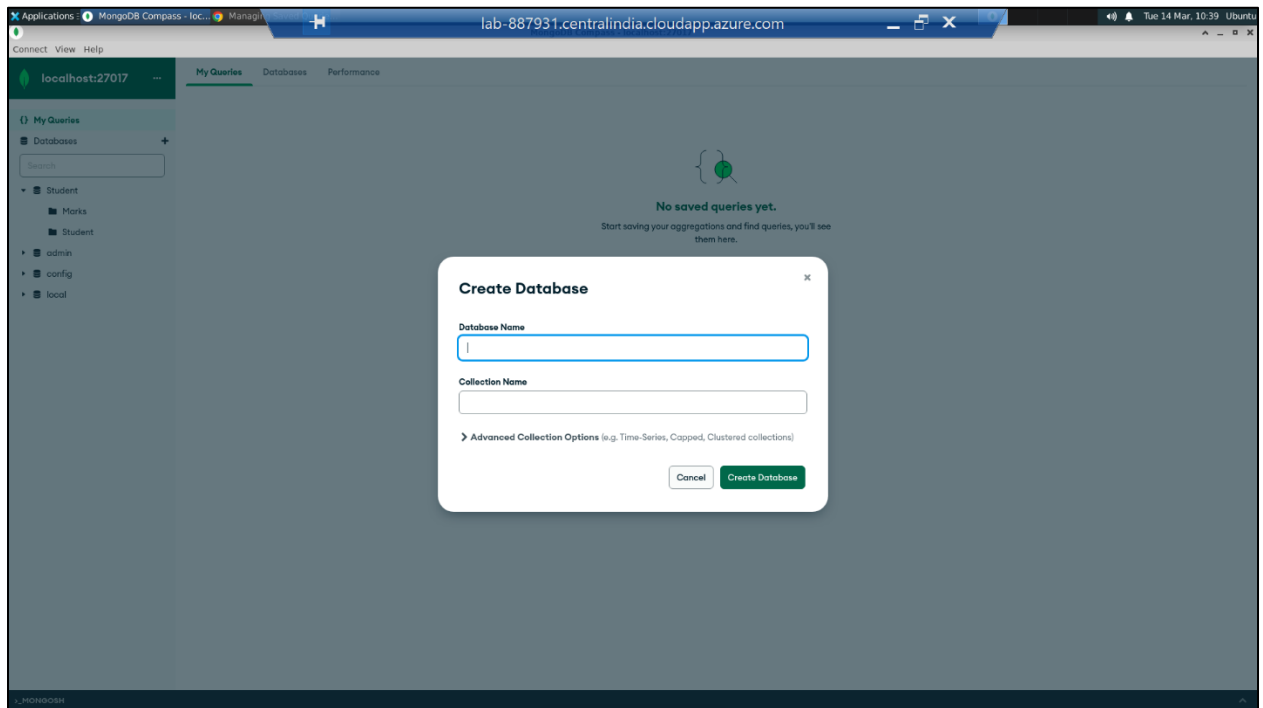**mongodb://localhost:27017** in the URL box and clicking the connect button

The connection to the local host in MongoDB Compass is successfully established.

Step 2: Create a database in the MongoDB Compass

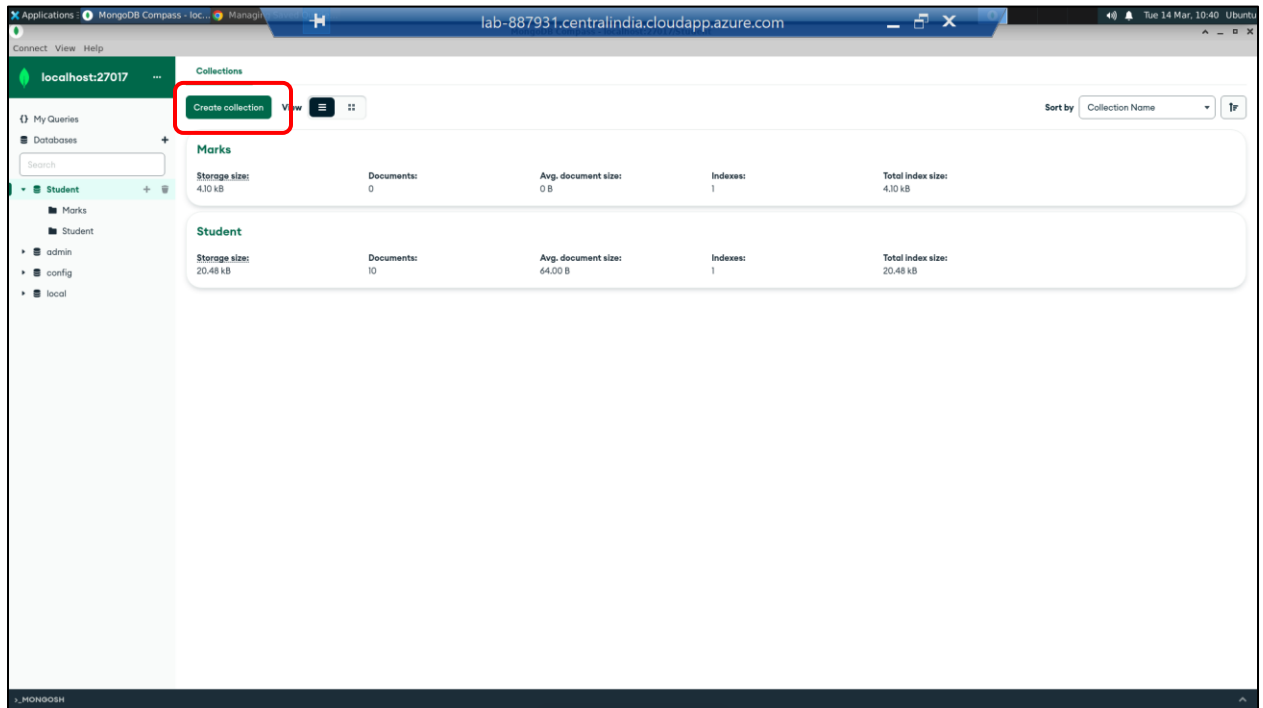2.1 To create a database, click on **Create Database**

2.2 Enter the **Database Name** and **Collection Name**, then click on **Create Database**
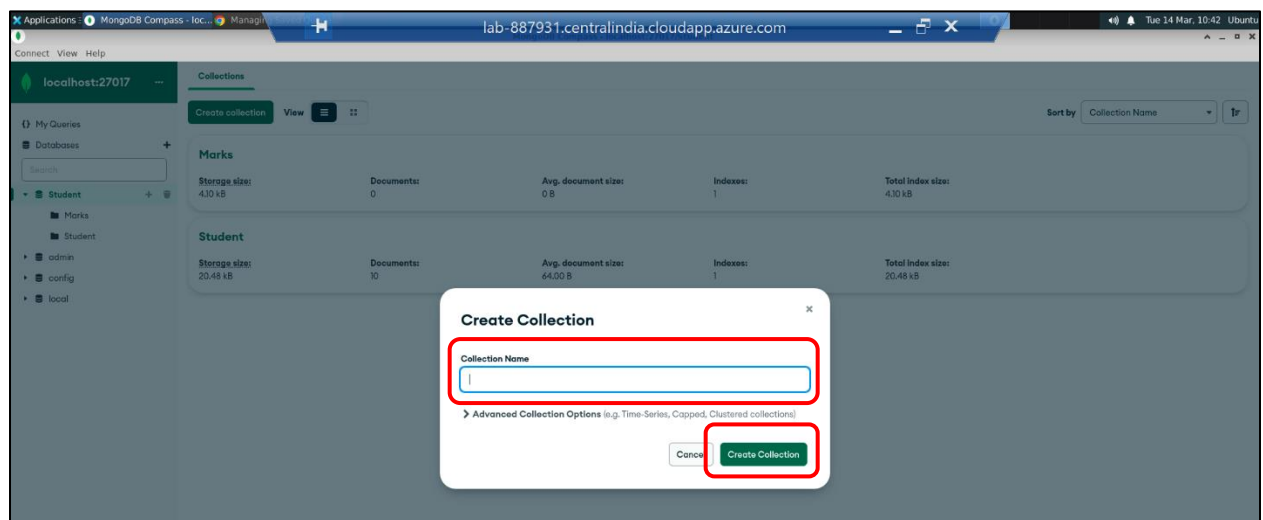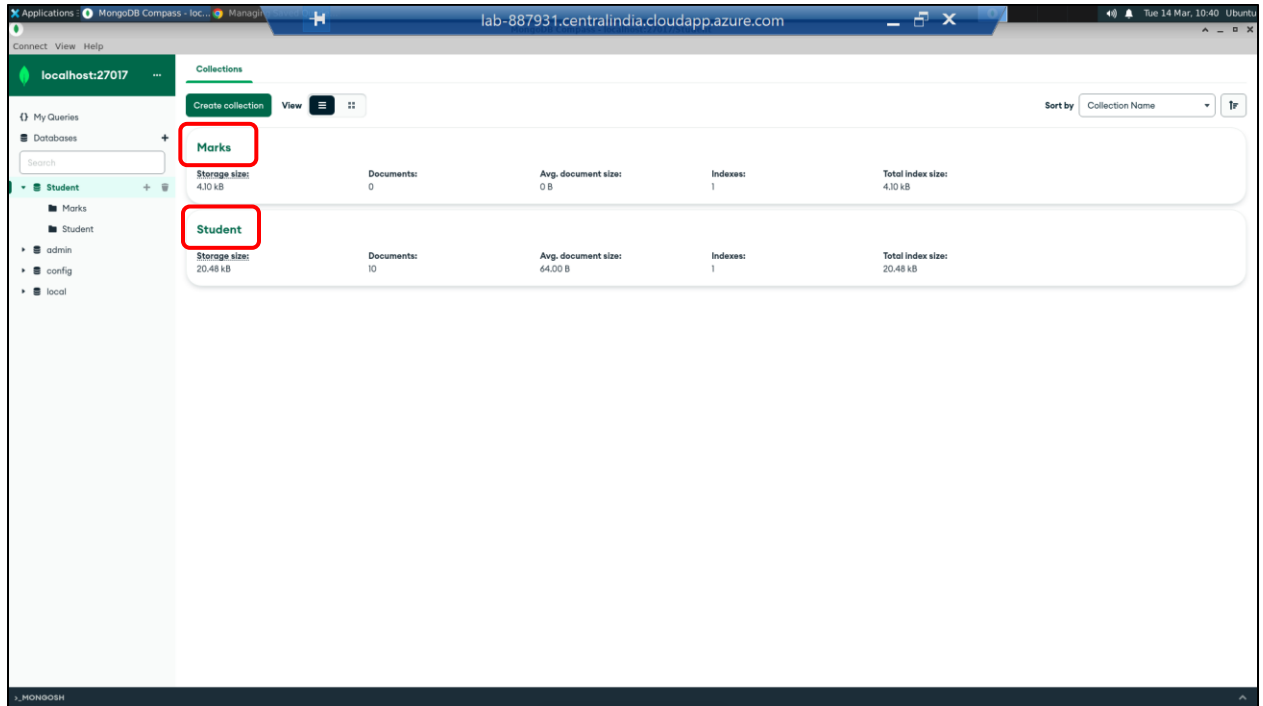

The database is created.

Step 3: Create a collection in the database

3.1 Click on **Create collection**

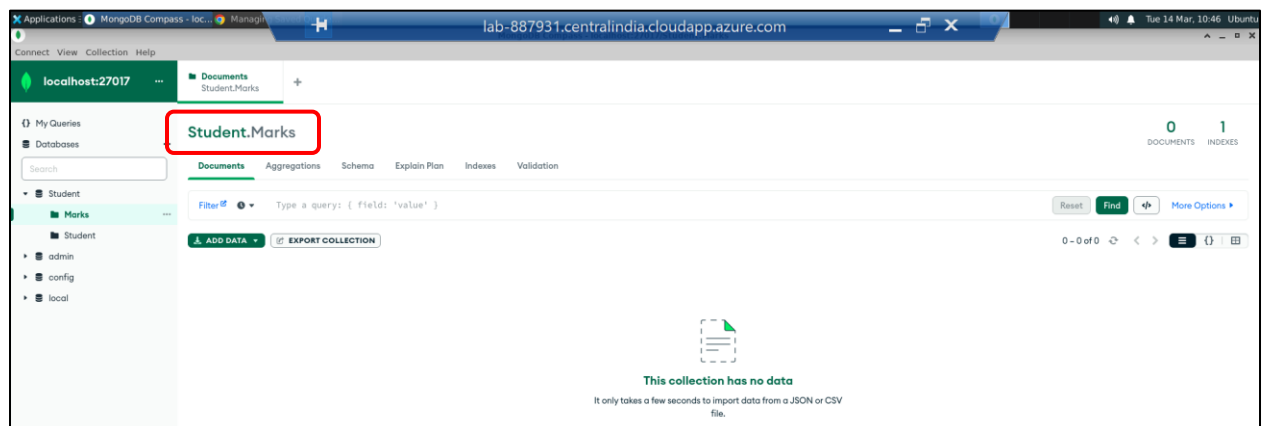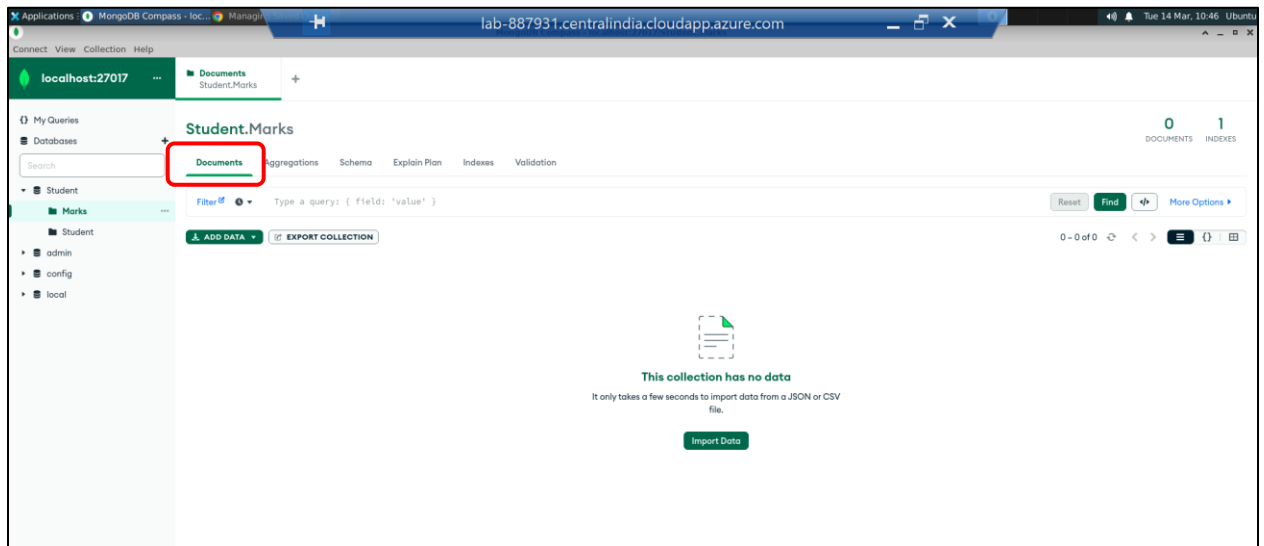3.2 Enter the **Collection Name,** and click on **Create Collection**

The collection is created.
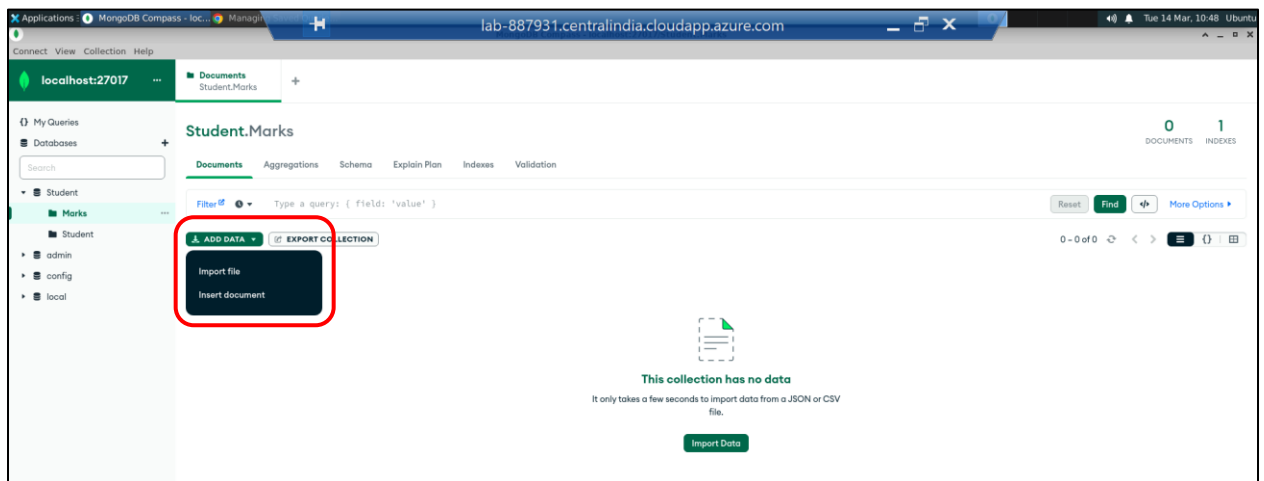
Step 4: Insert a Document in the collection

4.1 Select a collection to create the document
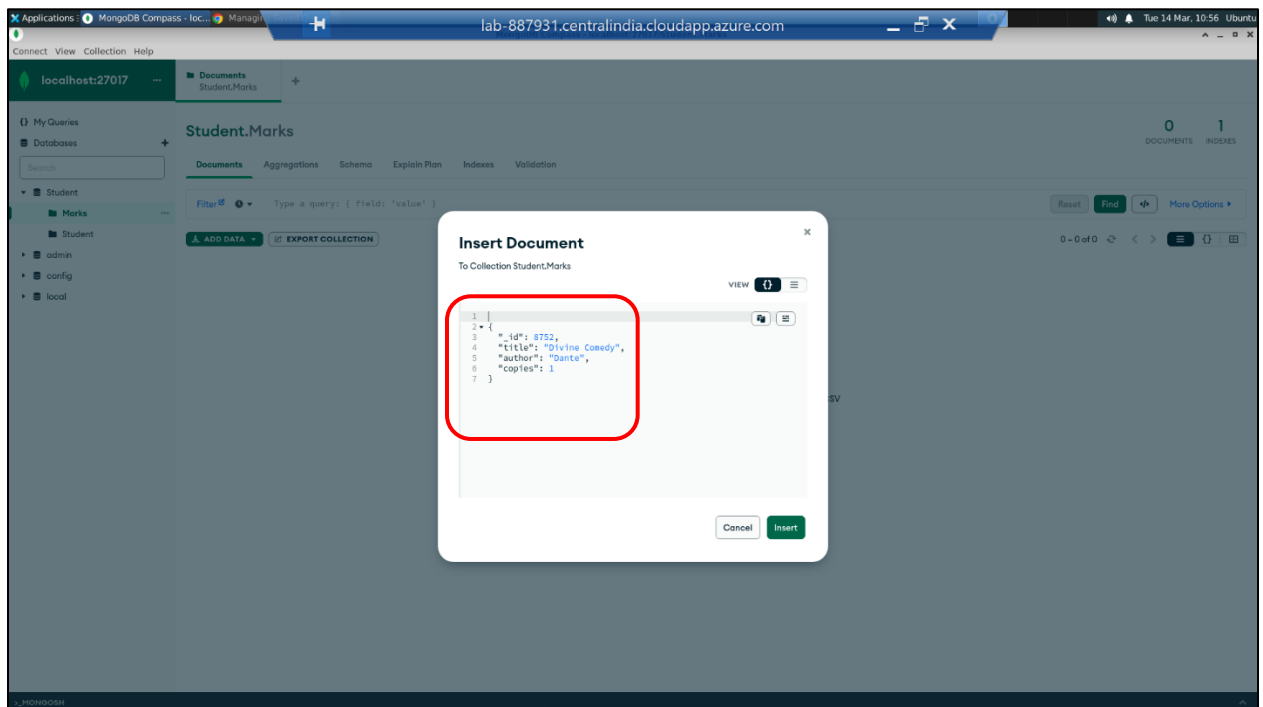
`4.2 Click on the **Documents** tab

4.3 Click on **Add Data** and select **Insert Document** to add a document to the collection
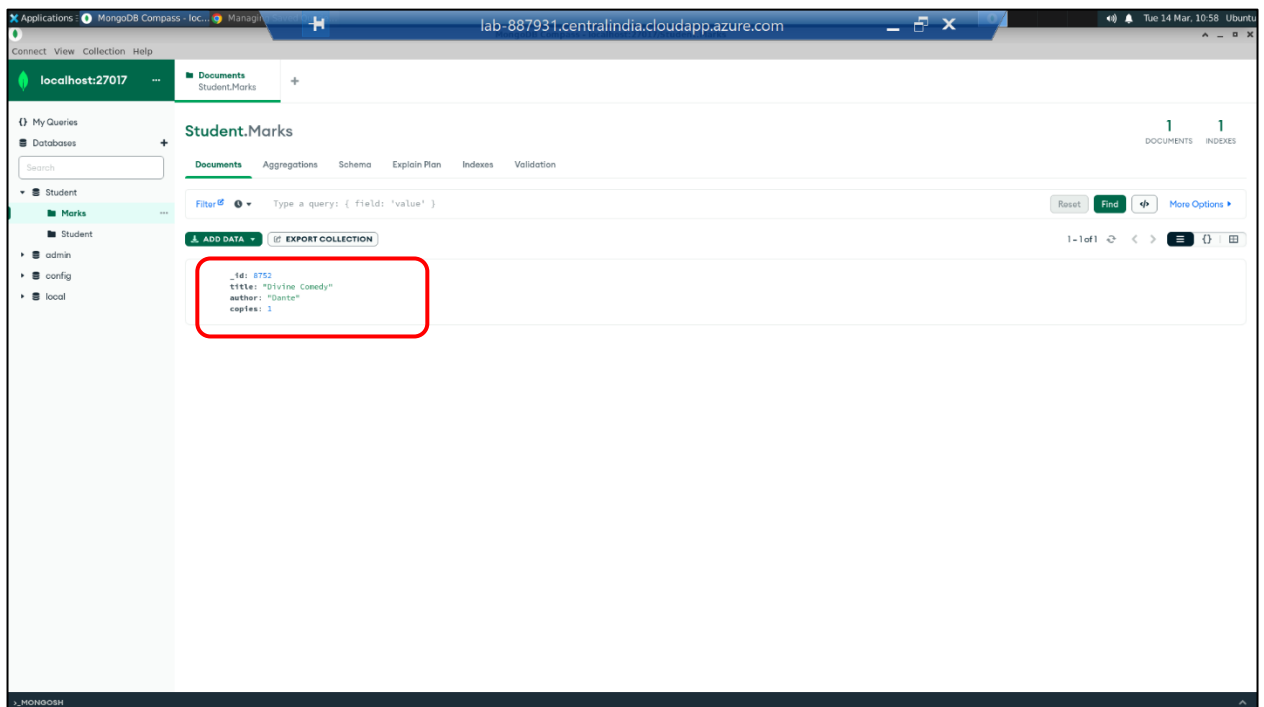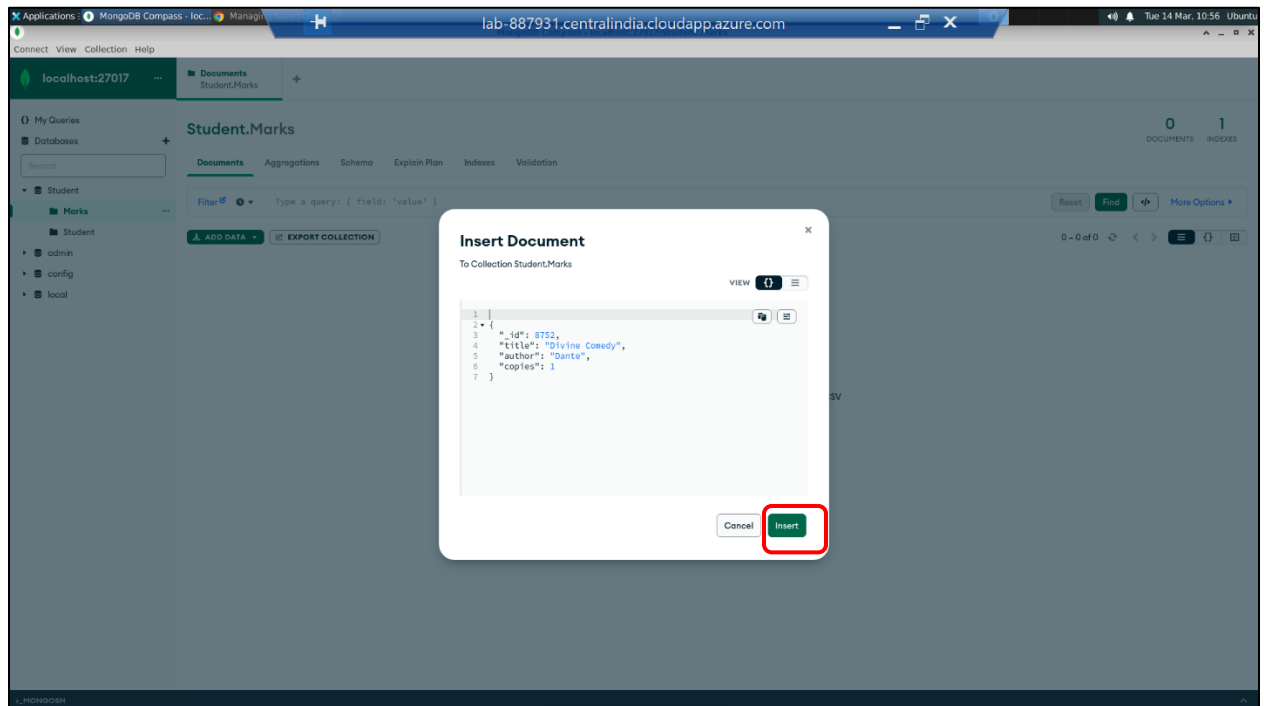
4.4 In the **Insert Document** pane, enter the following data for the document

{

        "_id" : 8752,

        "title" : "Divine Comedy",

        "author" : "Dante",

        "copies" : 1

}

4.5 Click on **Insert** to add the document to the collection

By following these steps, you have successfully created and inserted the document within the collection of a MongoDB database.