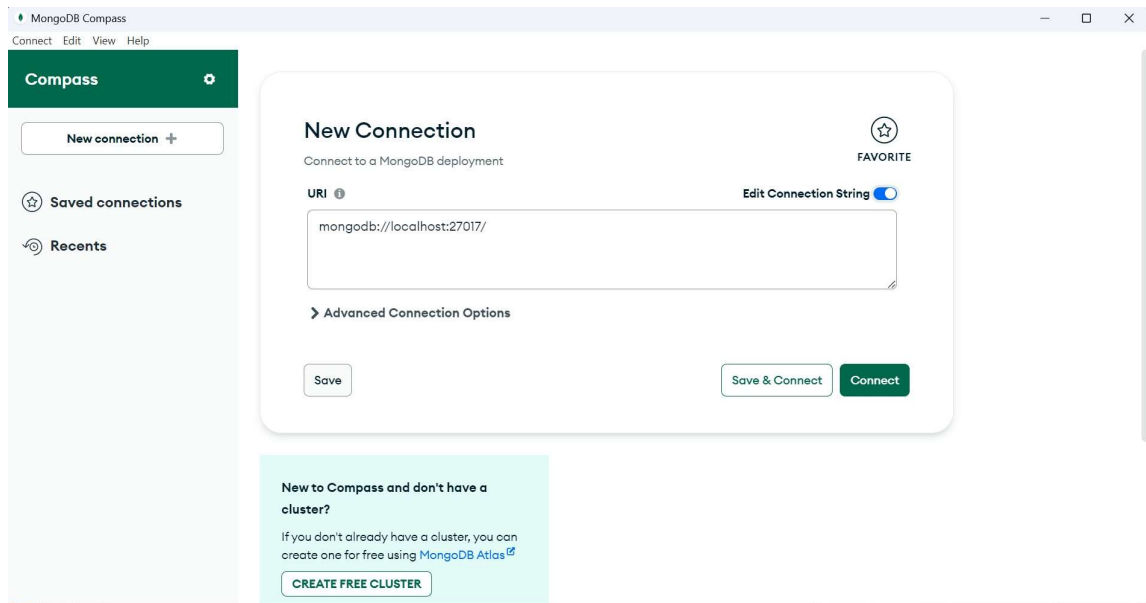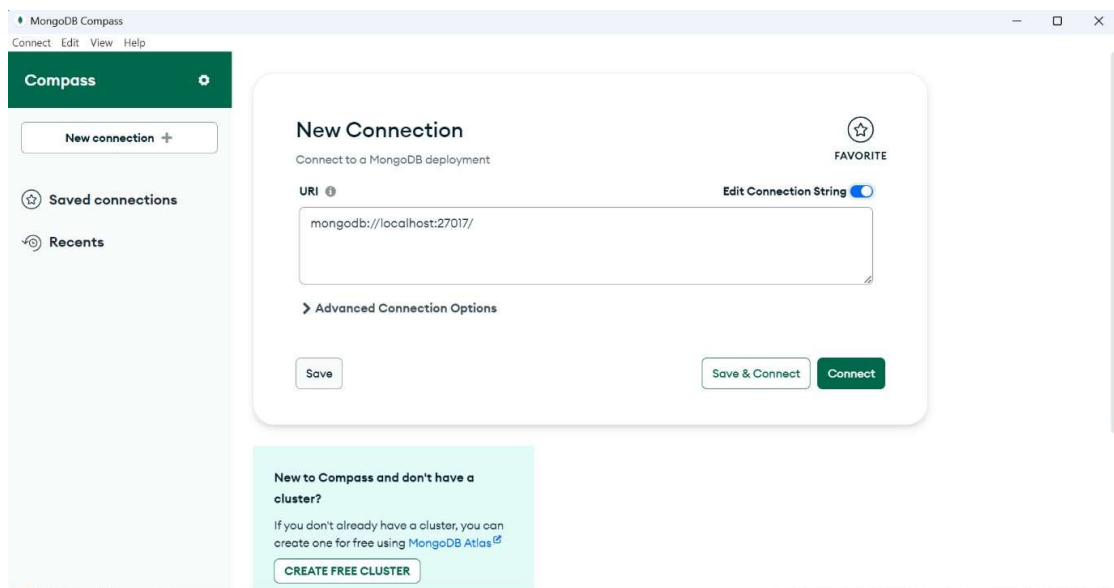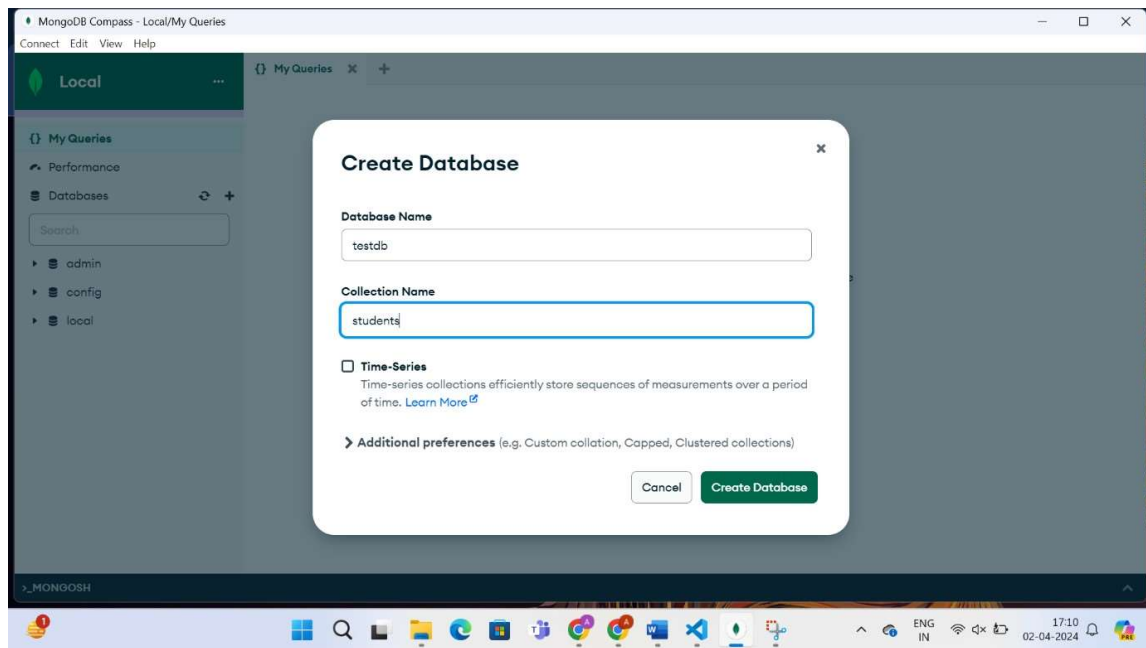# WEB TECHNOLOGY

LAB-10

Connect to a MongoDB server using MongoDB Compass.
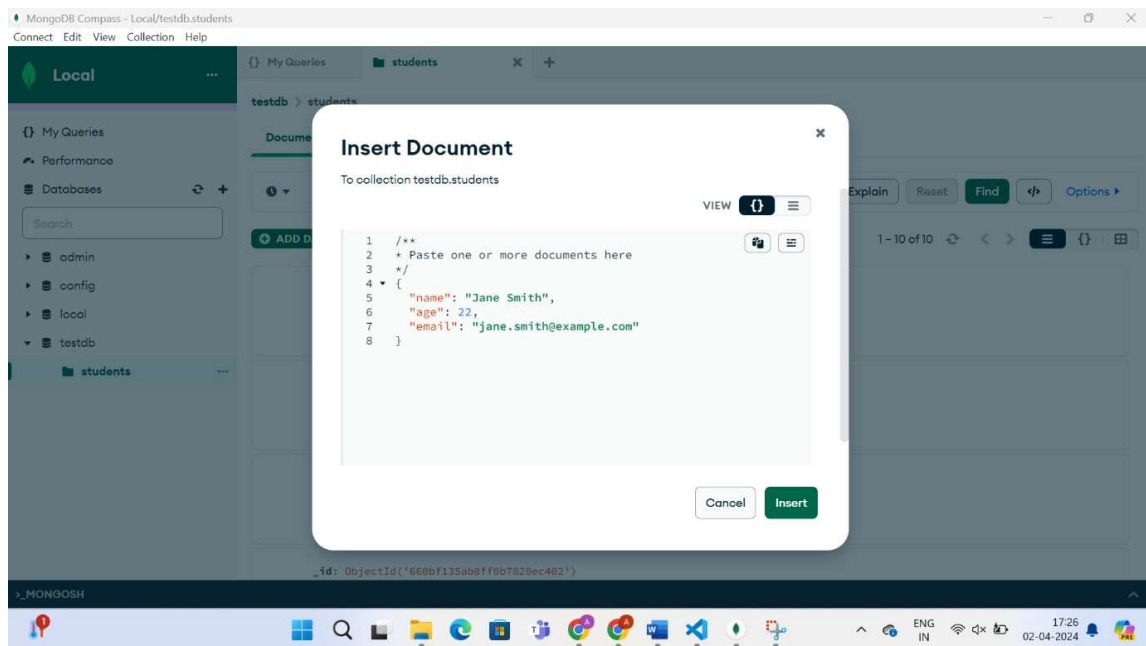

Create a new database named "testdb" in MongoDB Compass.

Create a new collection named "students" in the "testdb" database.

Insert ten documents into the "students" collection with the following fields: name, age, and email.

View the contents of the "students" collection.

Update the age of a specific student in the "students" collection.

Delete a document from the "students" collection based on a specific condition.
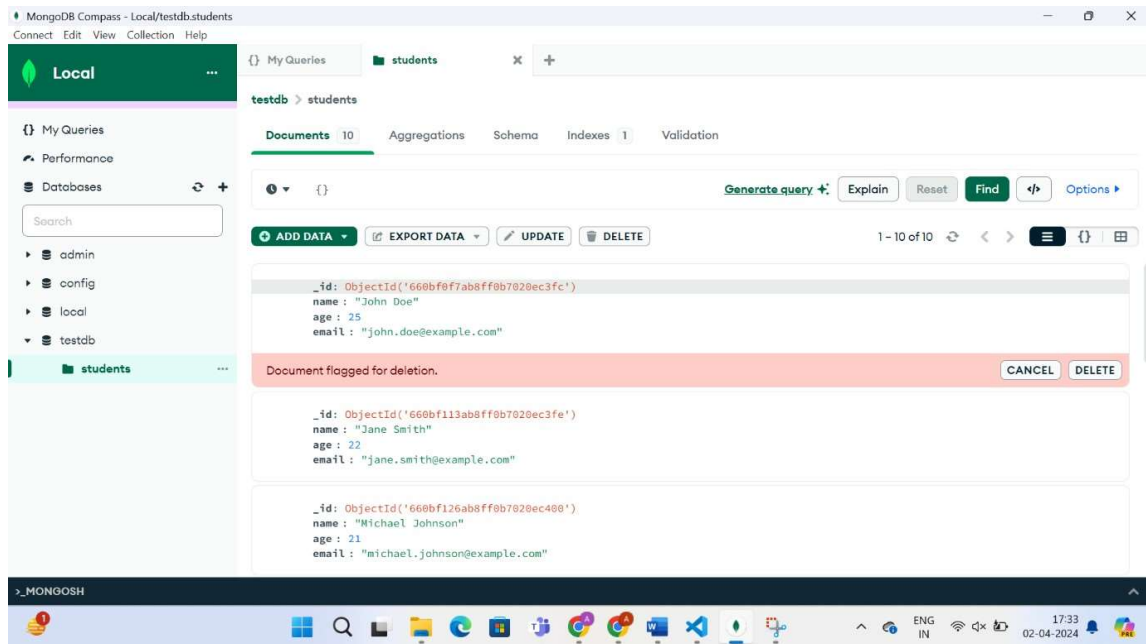
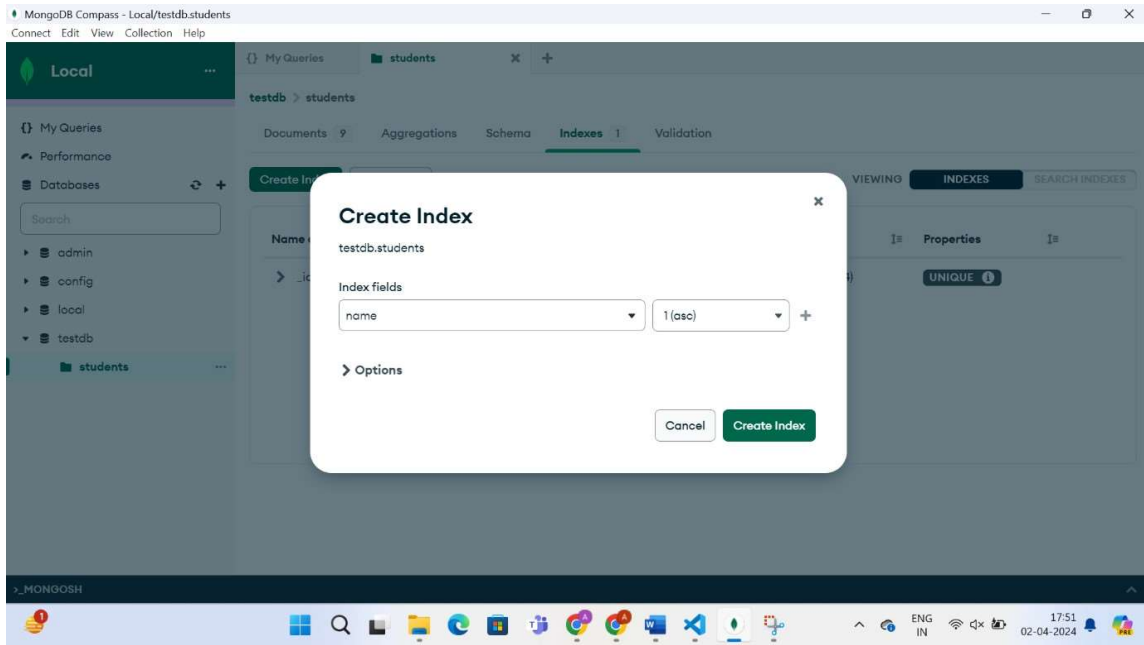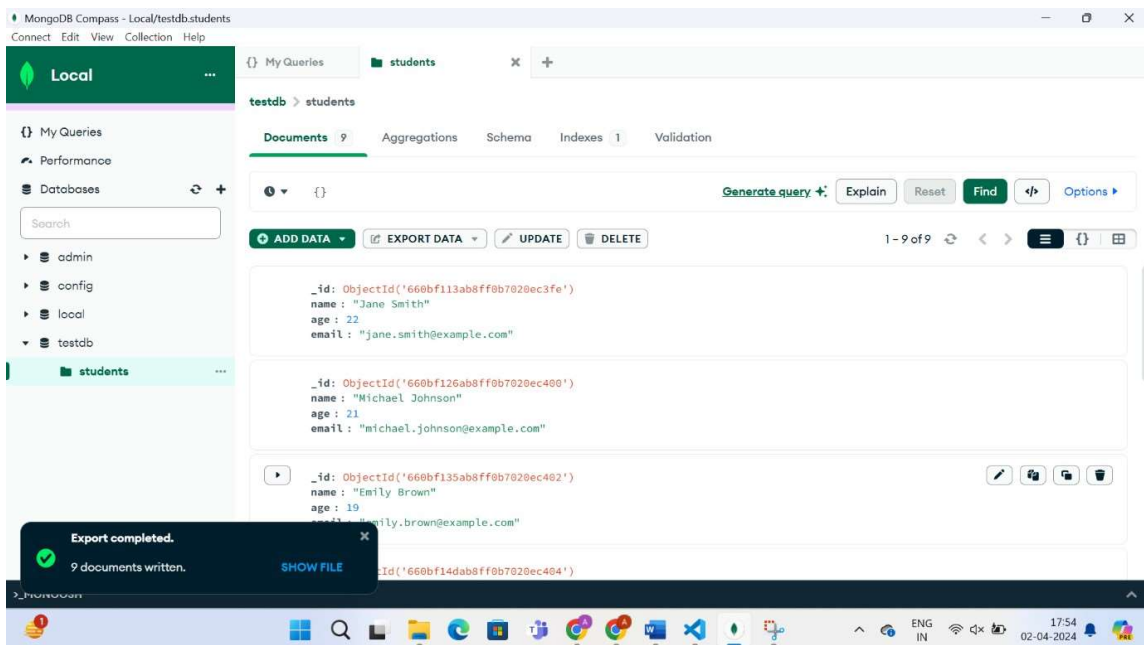**Use the aggregation pipeline to calculate the average age of all students in the"students" collection.**
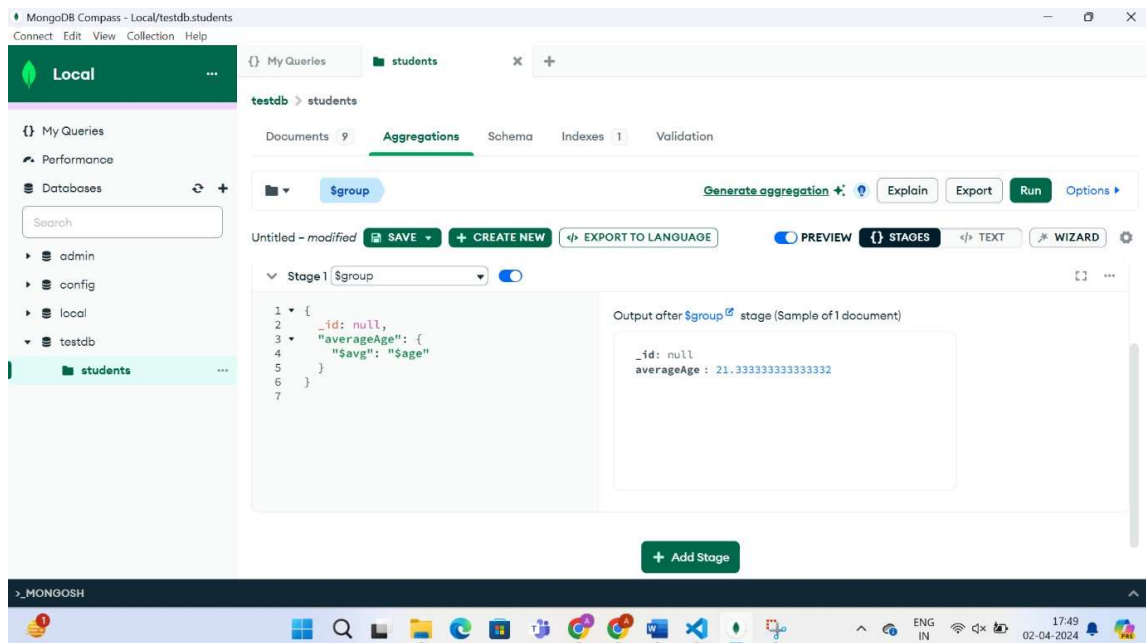
Create an index on the "name" field in the "students" collection.

Export the contents of the "students" collection to a JSON file.

Perform a complex aggregation operation to find the top 5 oldest students in the "students" collection.

Create a geospatial index on a field representing the location of students.