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LAB-10

Connect to a MongoDB server using MongoDB Compass.

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

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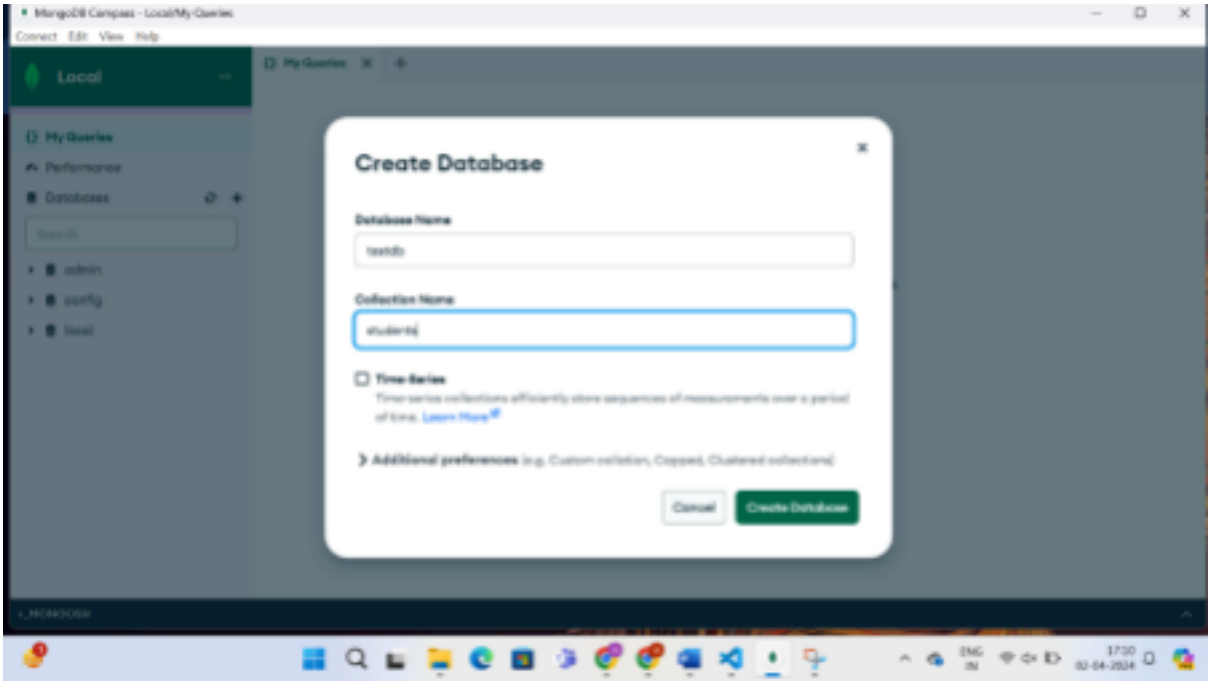
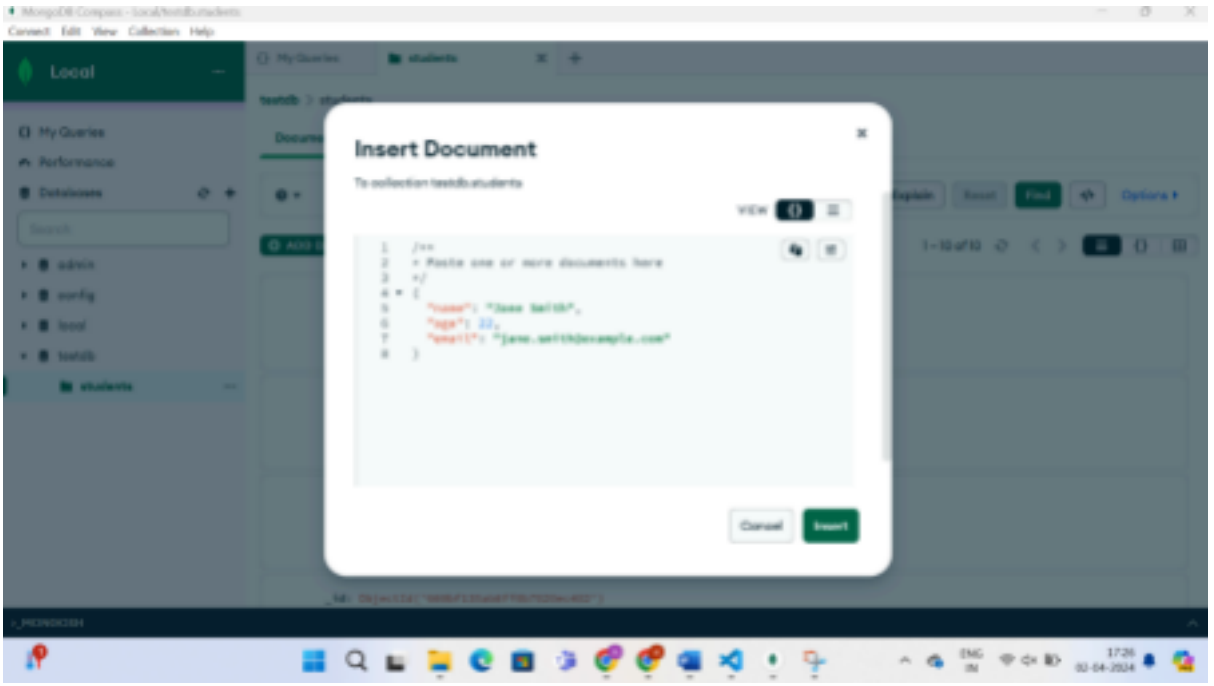
Create a new collection named "students" in the "testdb" database.



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



View the contents of the "students" collection.

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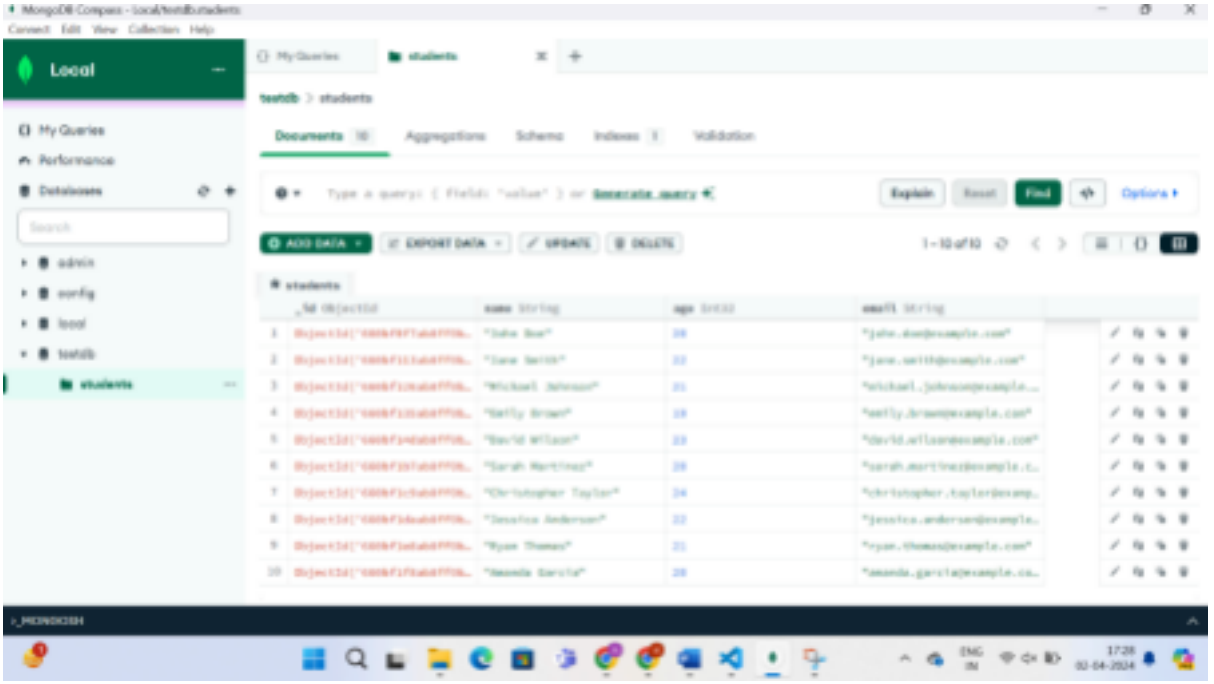
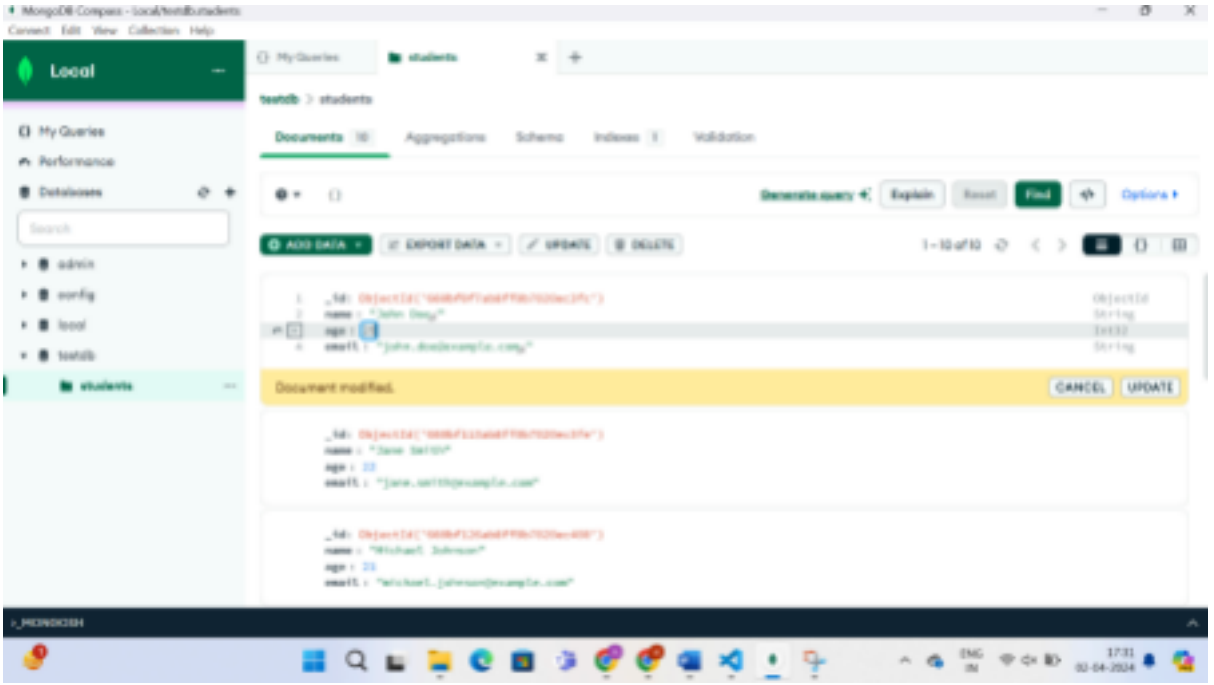


Update the age of a specific student in the "students" collection.



Delete a document from the "students" collection based on a specific condition.

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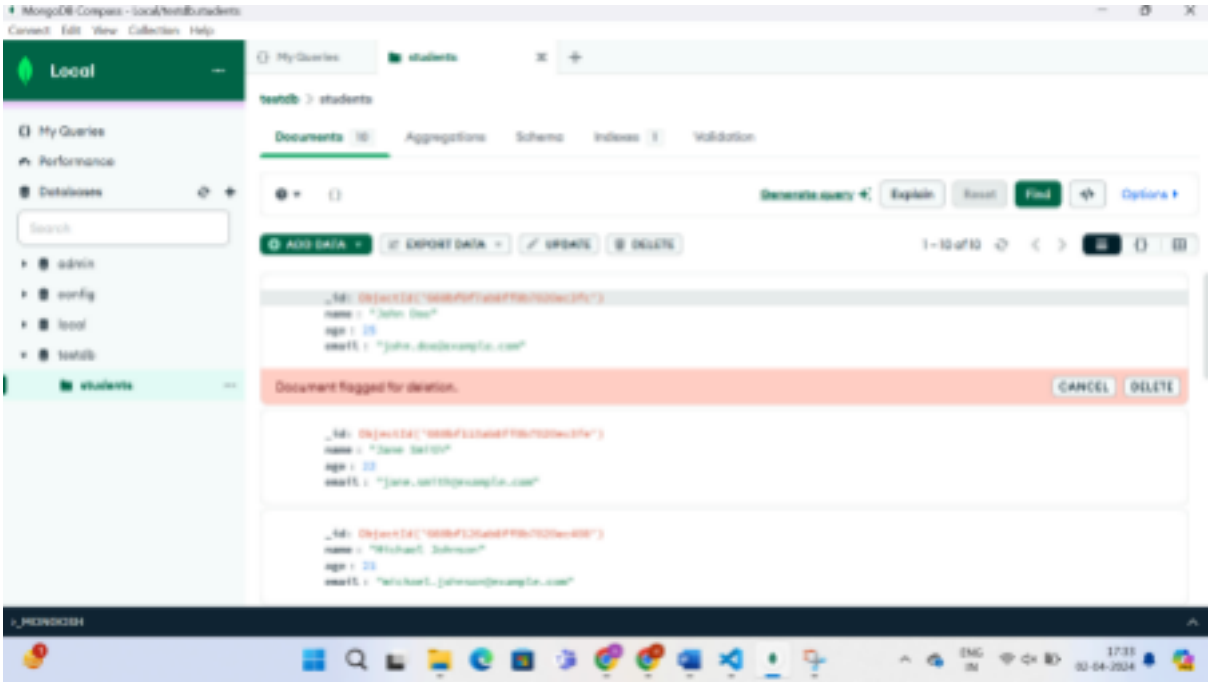
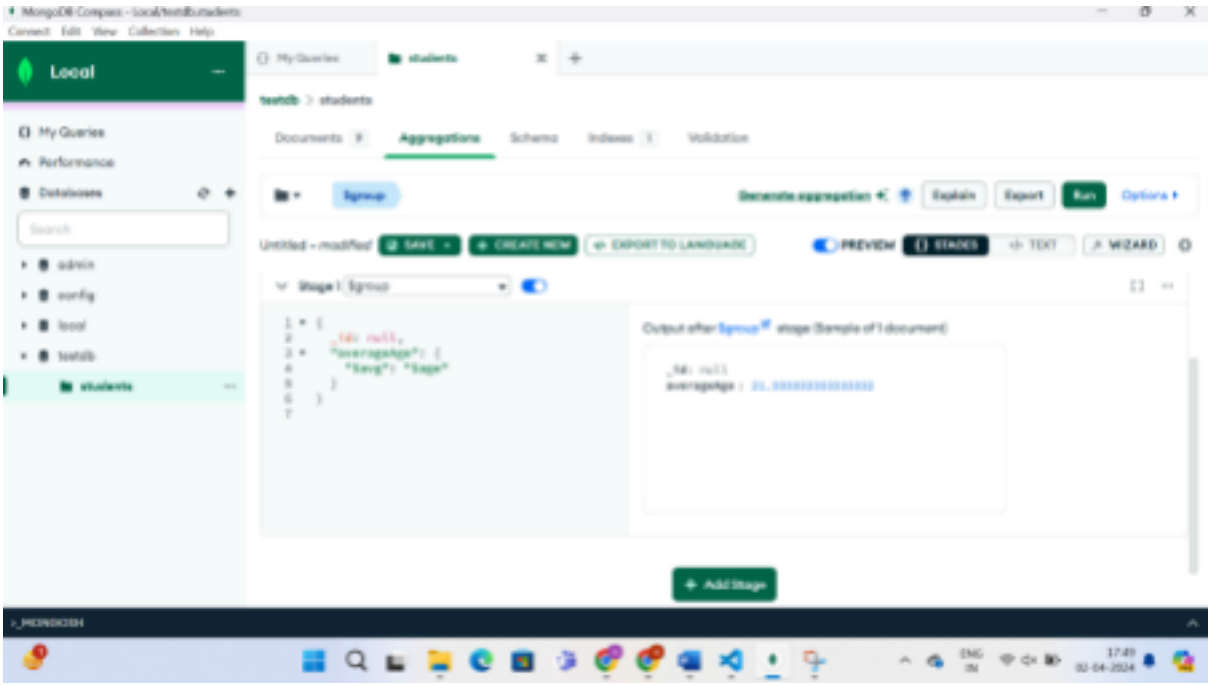


Use the aggregation pipeline to calculate the average age of all students in the"students" collection.



Create an index on the "name" field in the "students" collection.

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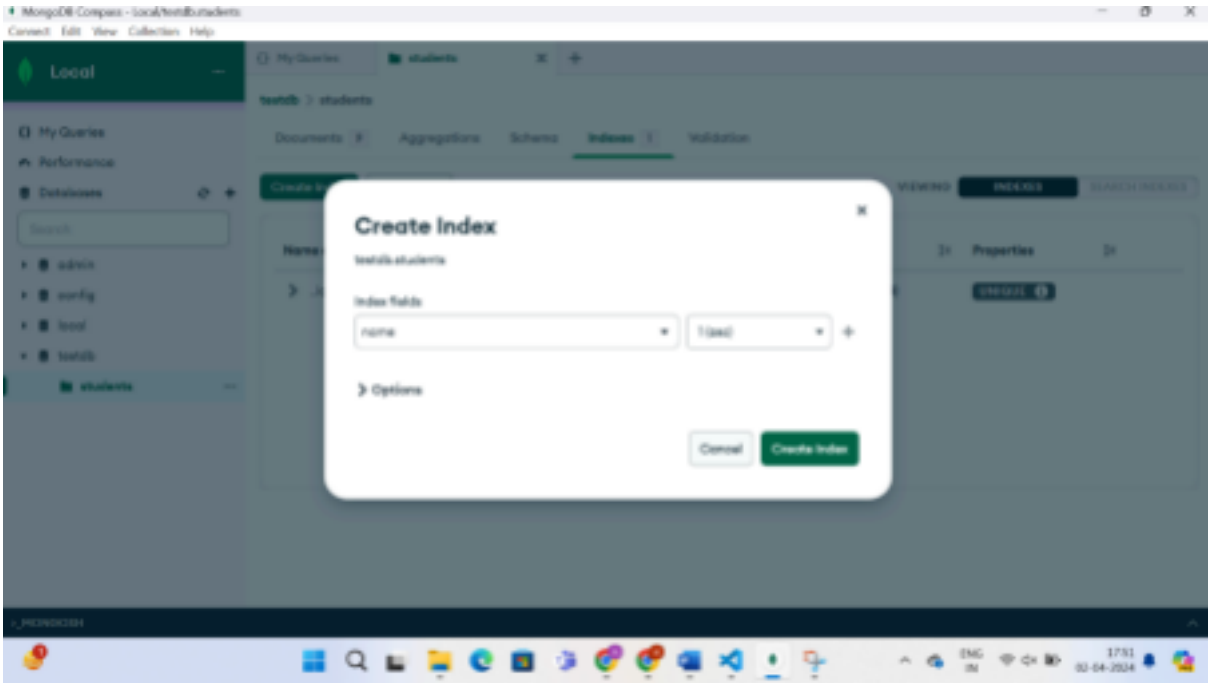
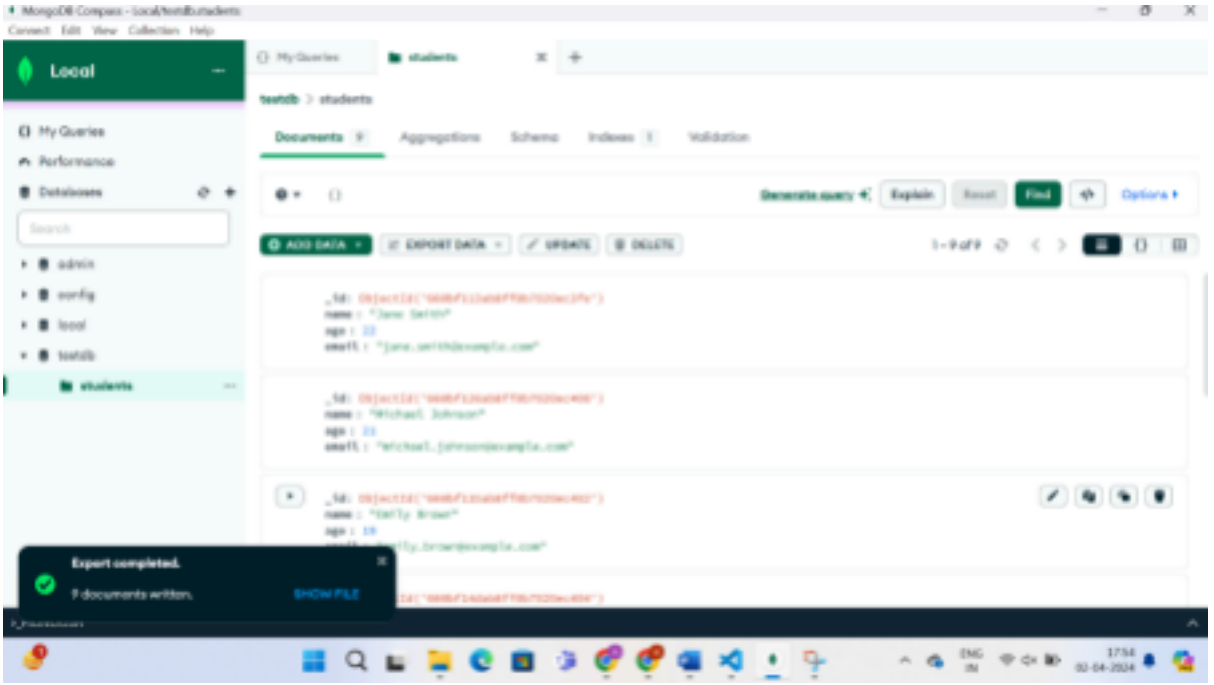


Export the contents of the "students" collection to a JSON file.



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

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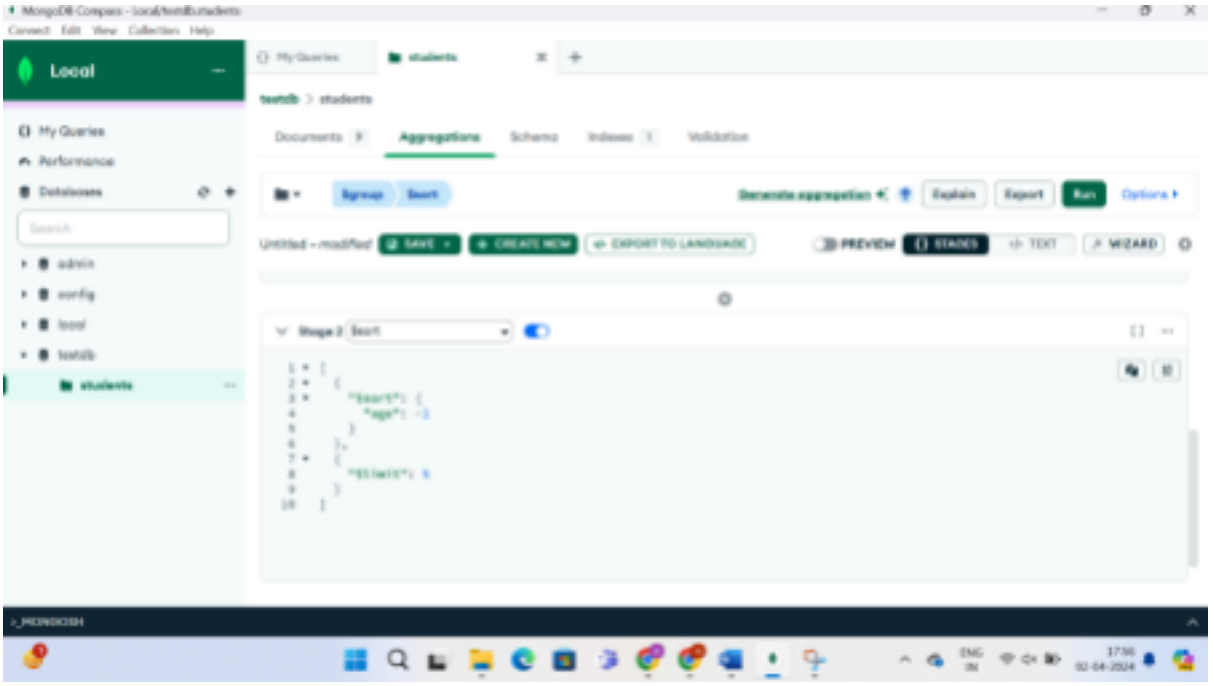
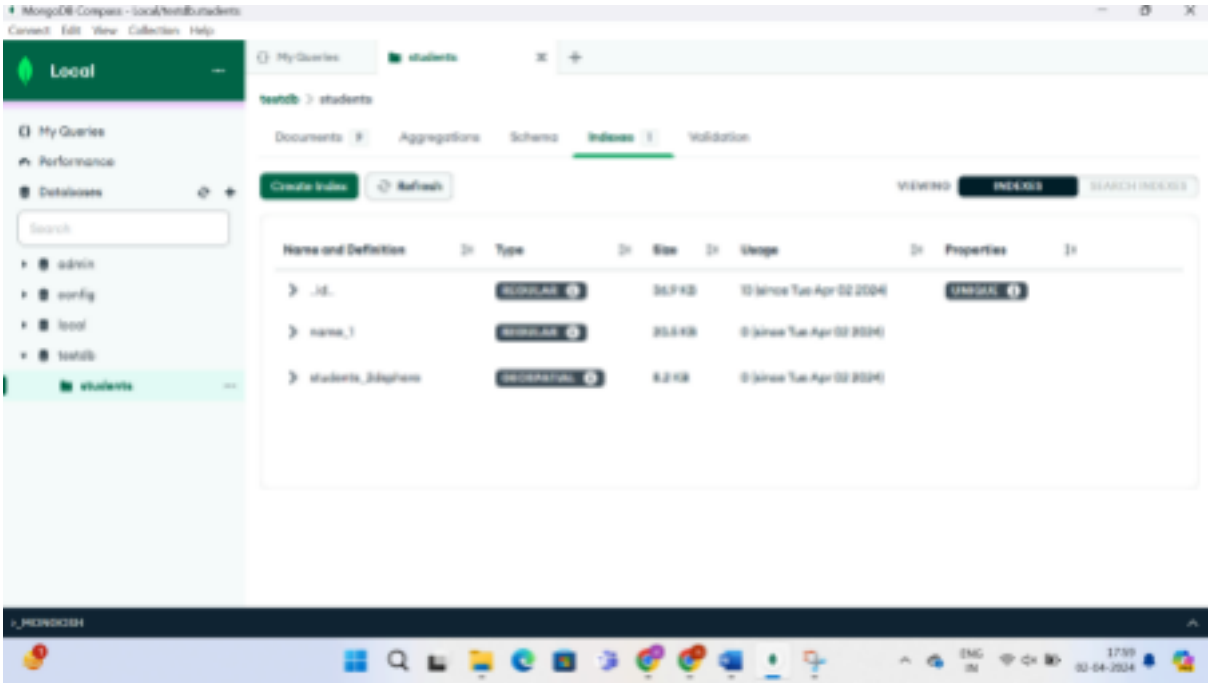


Create a geospatial index on a field representing the location of students.


MongoDB Compass - Local/testdb.students
Connect Edit View Collection Help
Local
My Queries
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My Queries
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testdb > students
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Aggregations
Schema
Indexes
Validation
Create Index
Refresh
VIEWING
INDEXES
SEARCH INDEXES
Name and Definition
Type
Size
Usage
Properties
_id_
name_1
students_3dsphere
UNIQUE