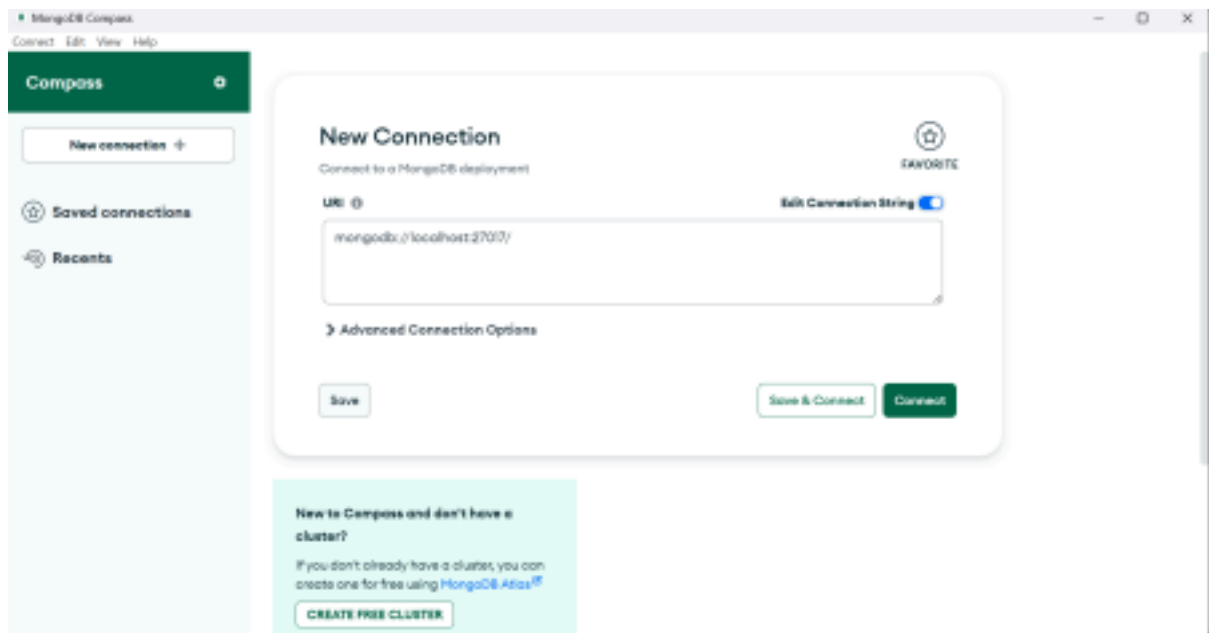
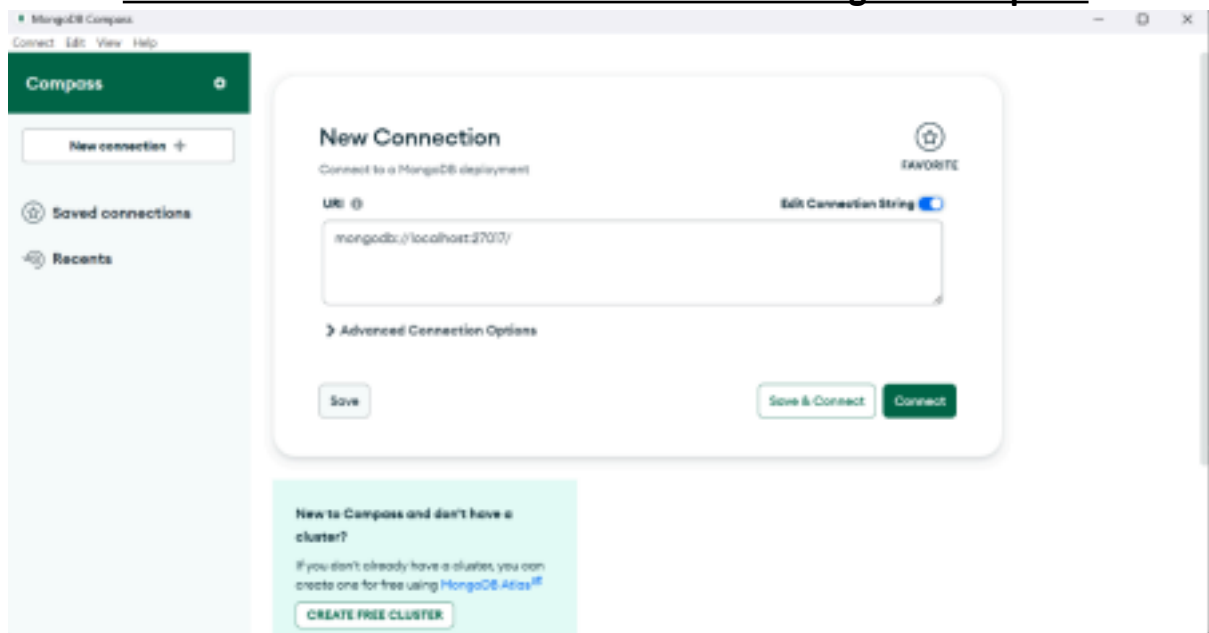


## LAB-10

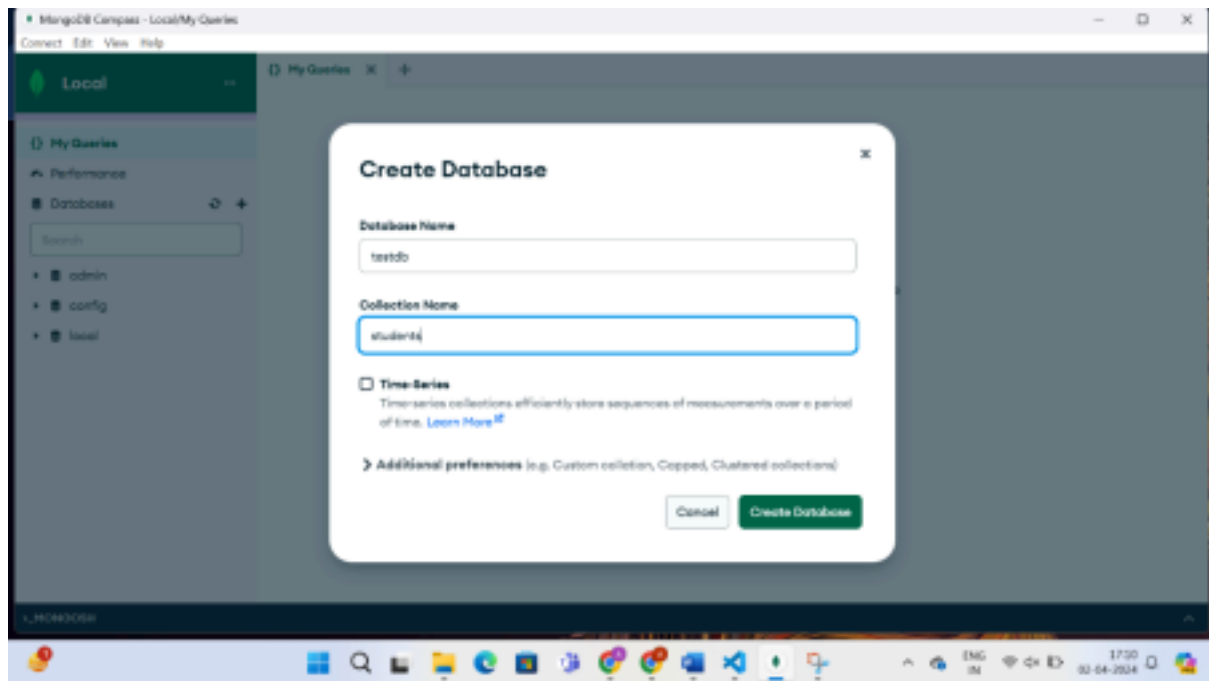
### Connect to a MongoDB server using MongoDB Compass.



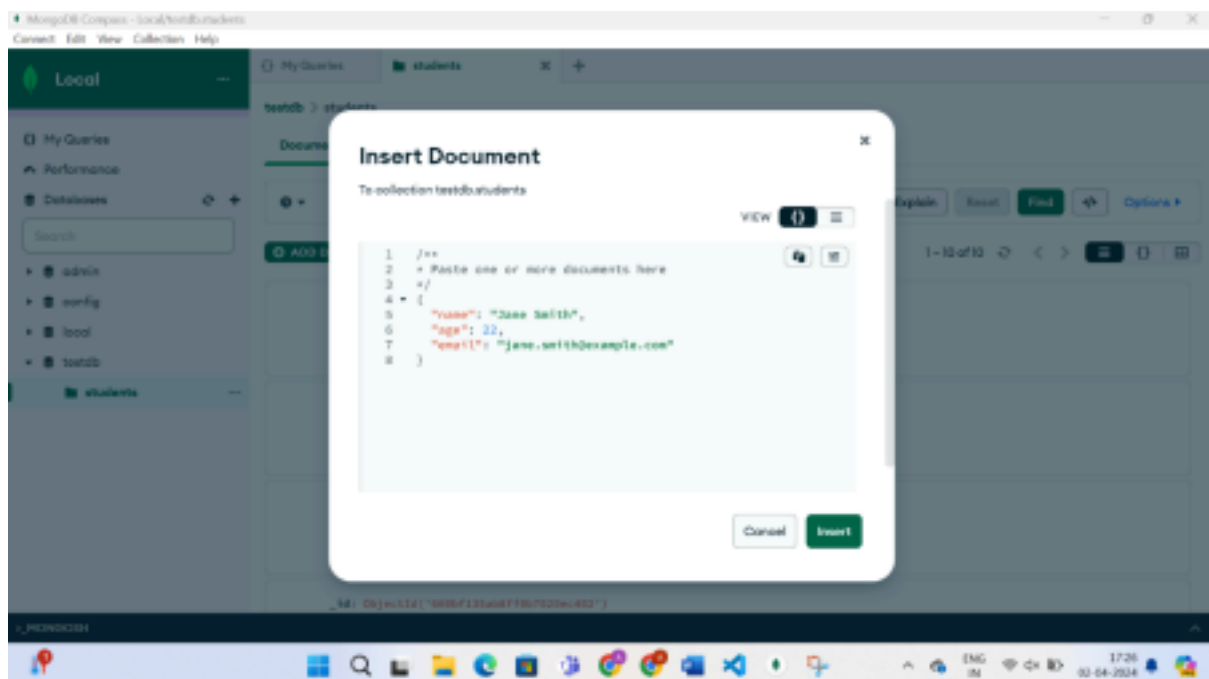
### Create a new database named "testdb" in MongoDB Compass.



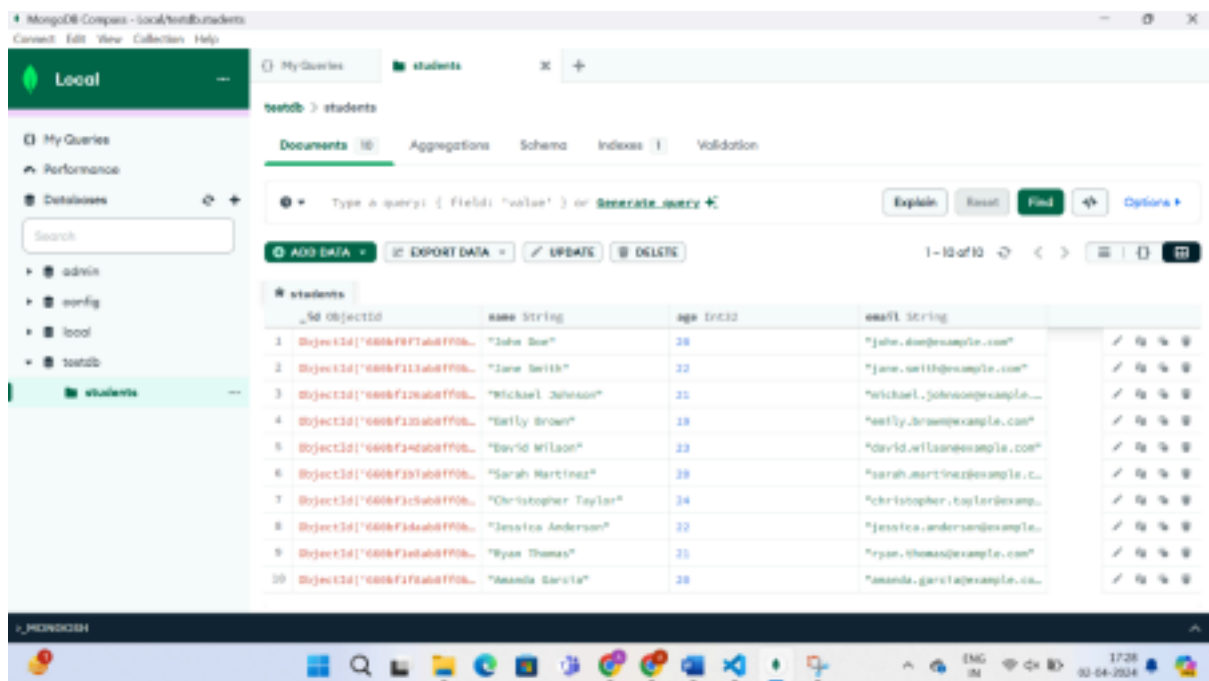
**Create a new collection named "students" in the "testdb" database.**



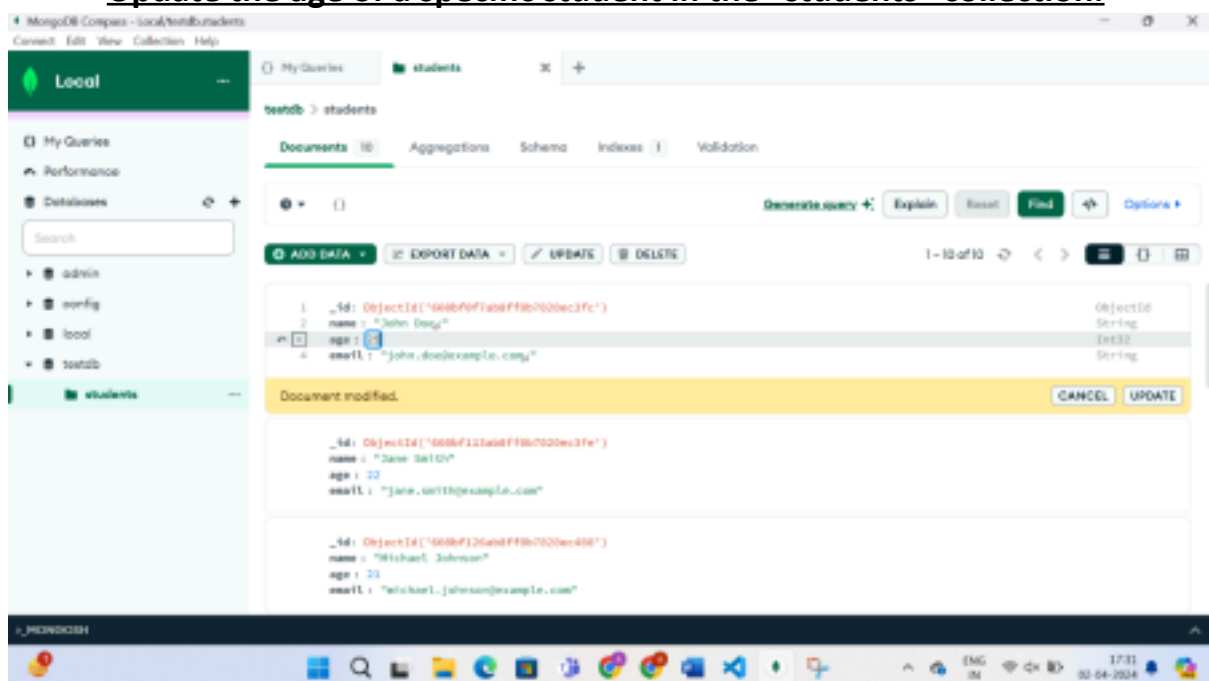
**Insert ten documents into the "students" collection with the following fields: name, age, and email.**



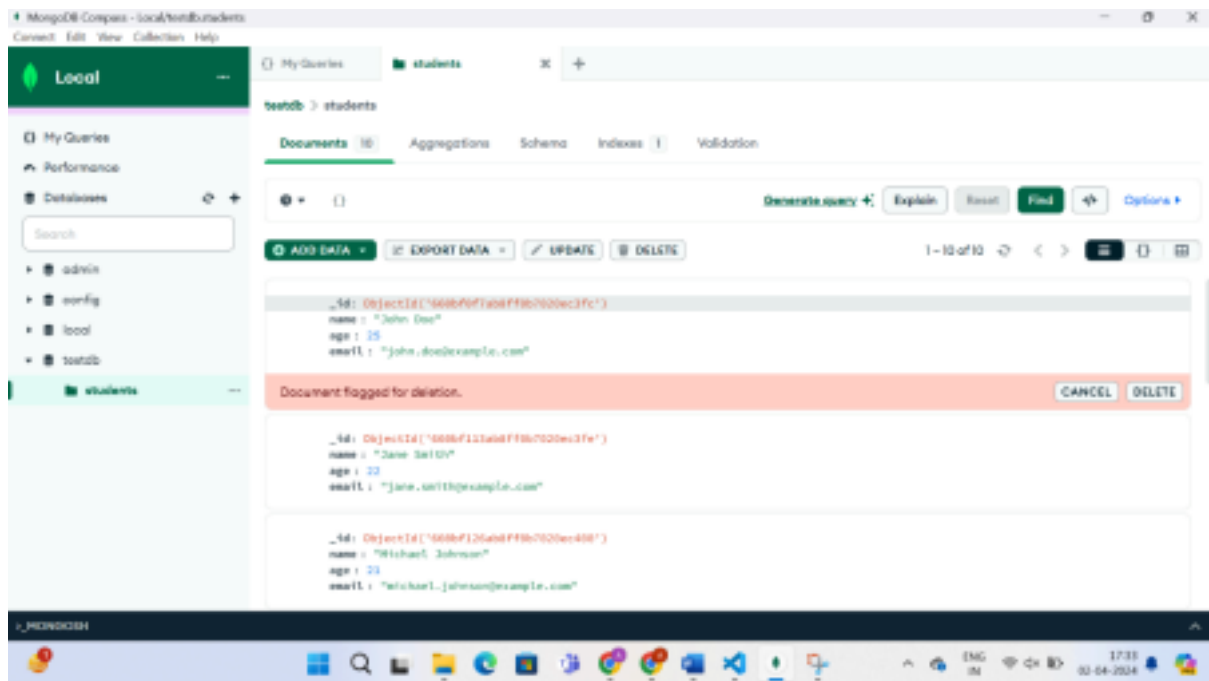
**View the contents of the "students" collection.**



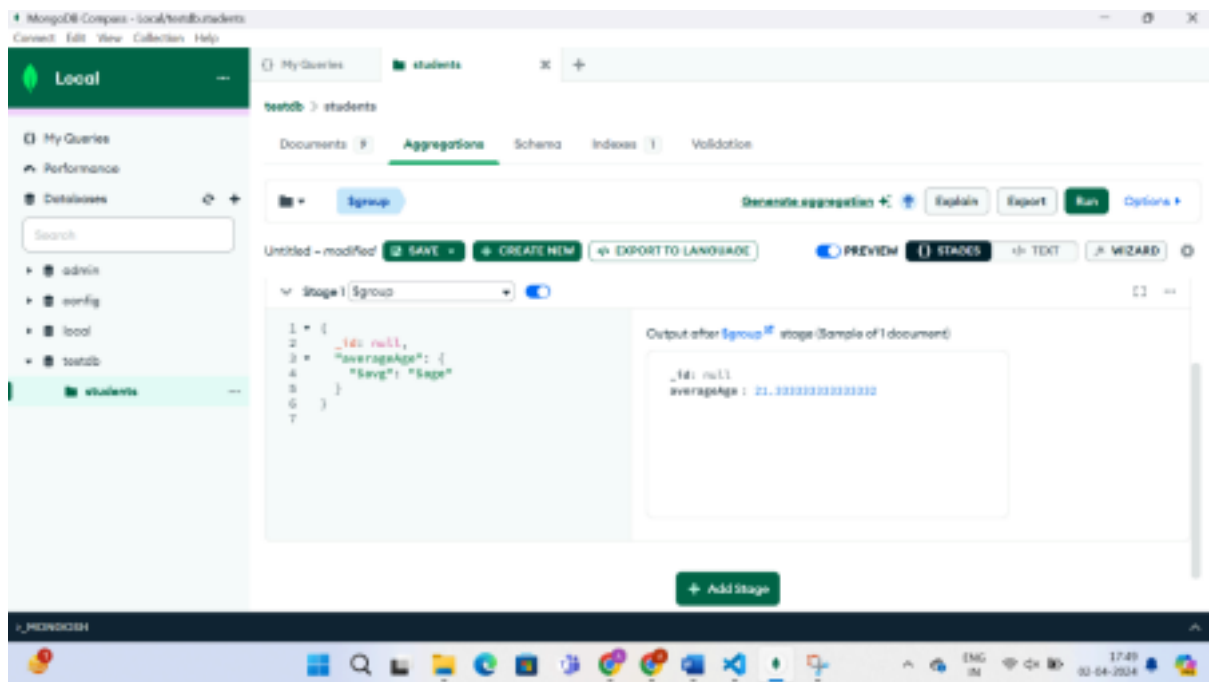
**Update the age of a specific student in the "students" collection.**



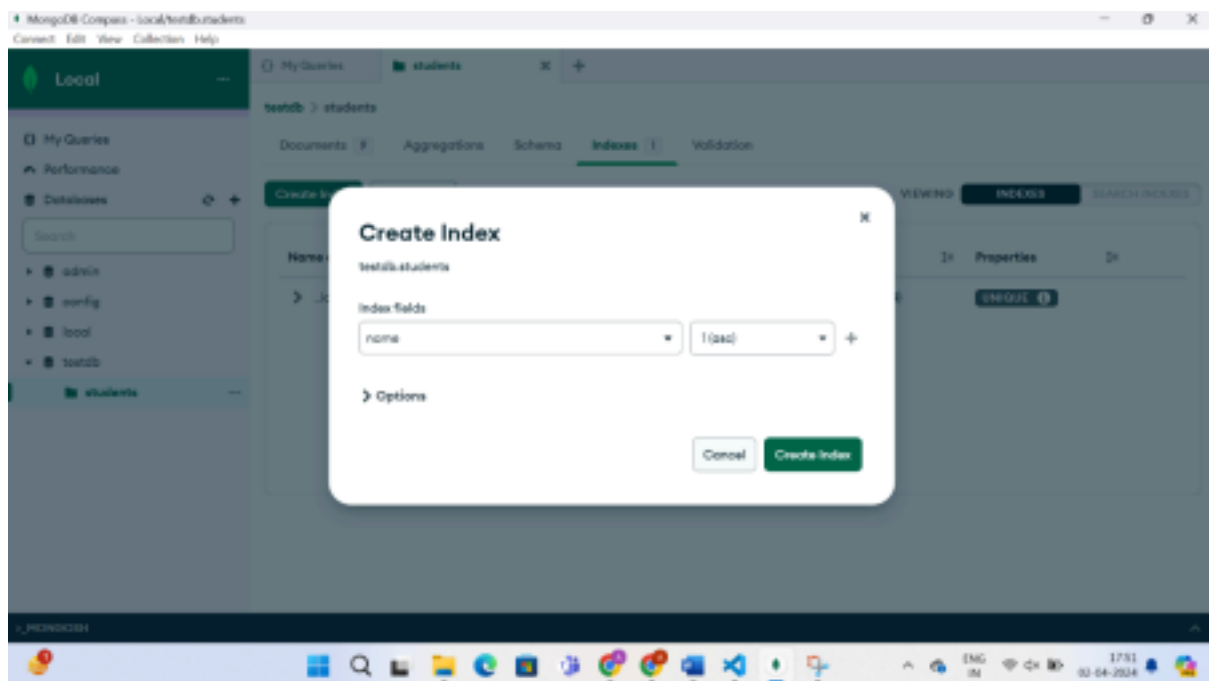
**Delete a document from the "students" collection based on a specific condition.**



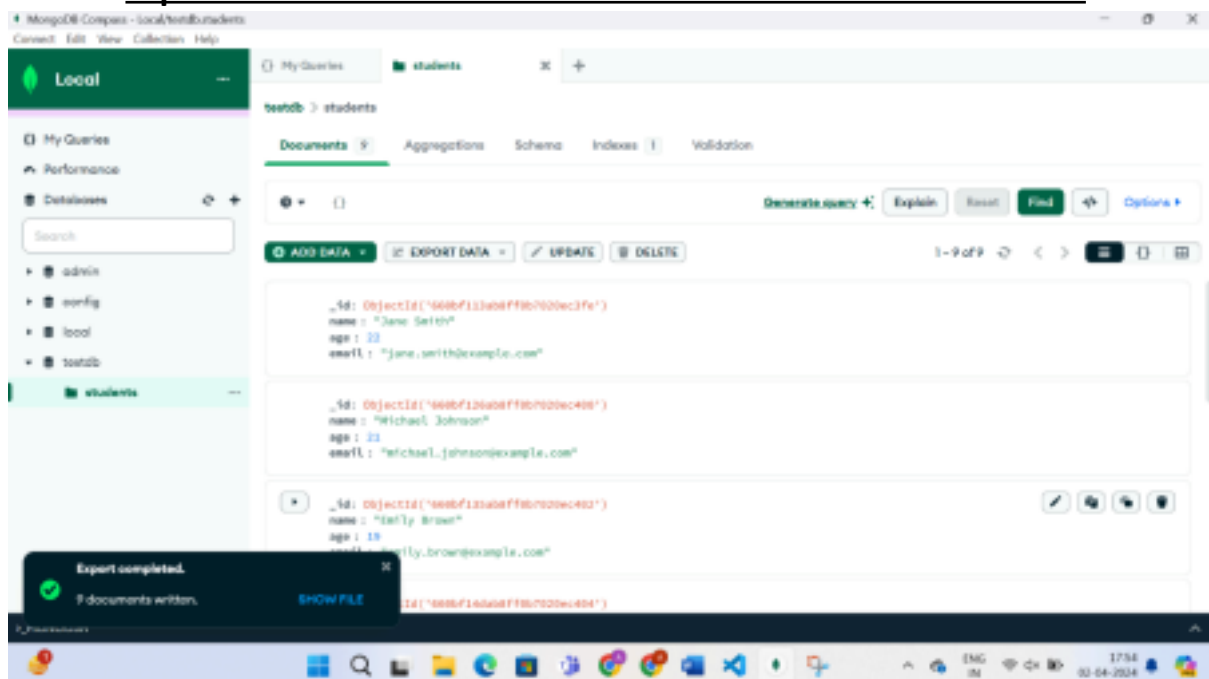
**Use the aggregation pipeline to calculate the average age of all students in the "students" collection.**



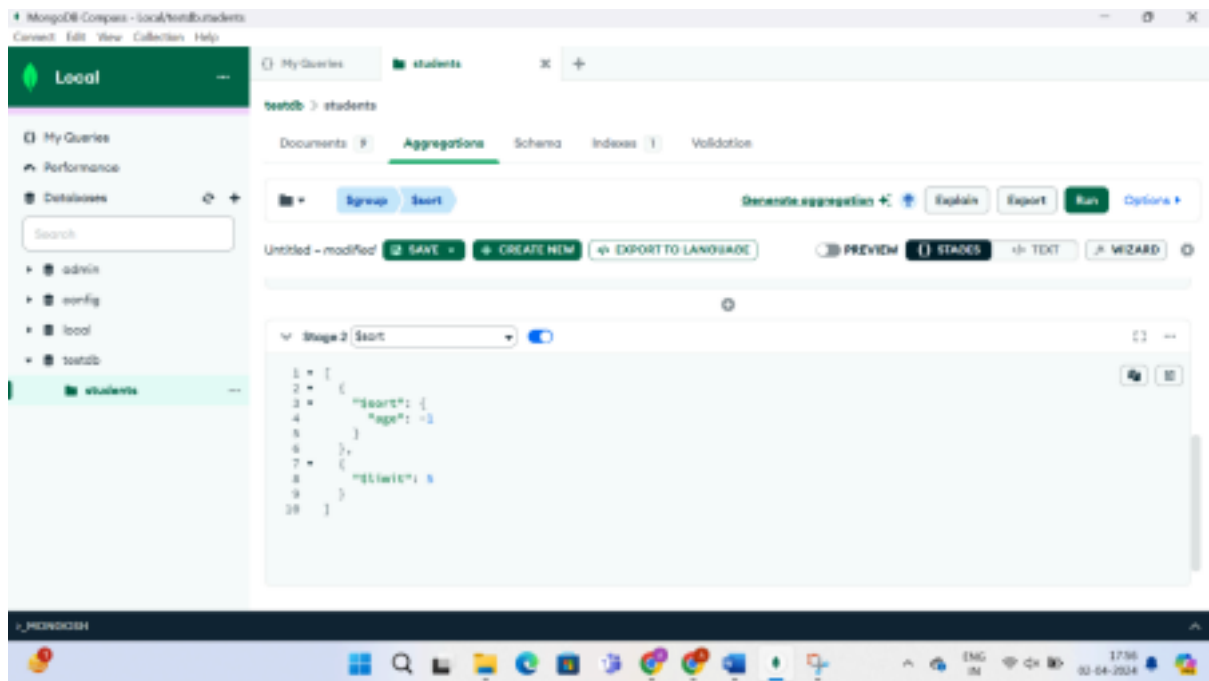
**Create an index on the "name" field in the "students" collection.**



**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.

