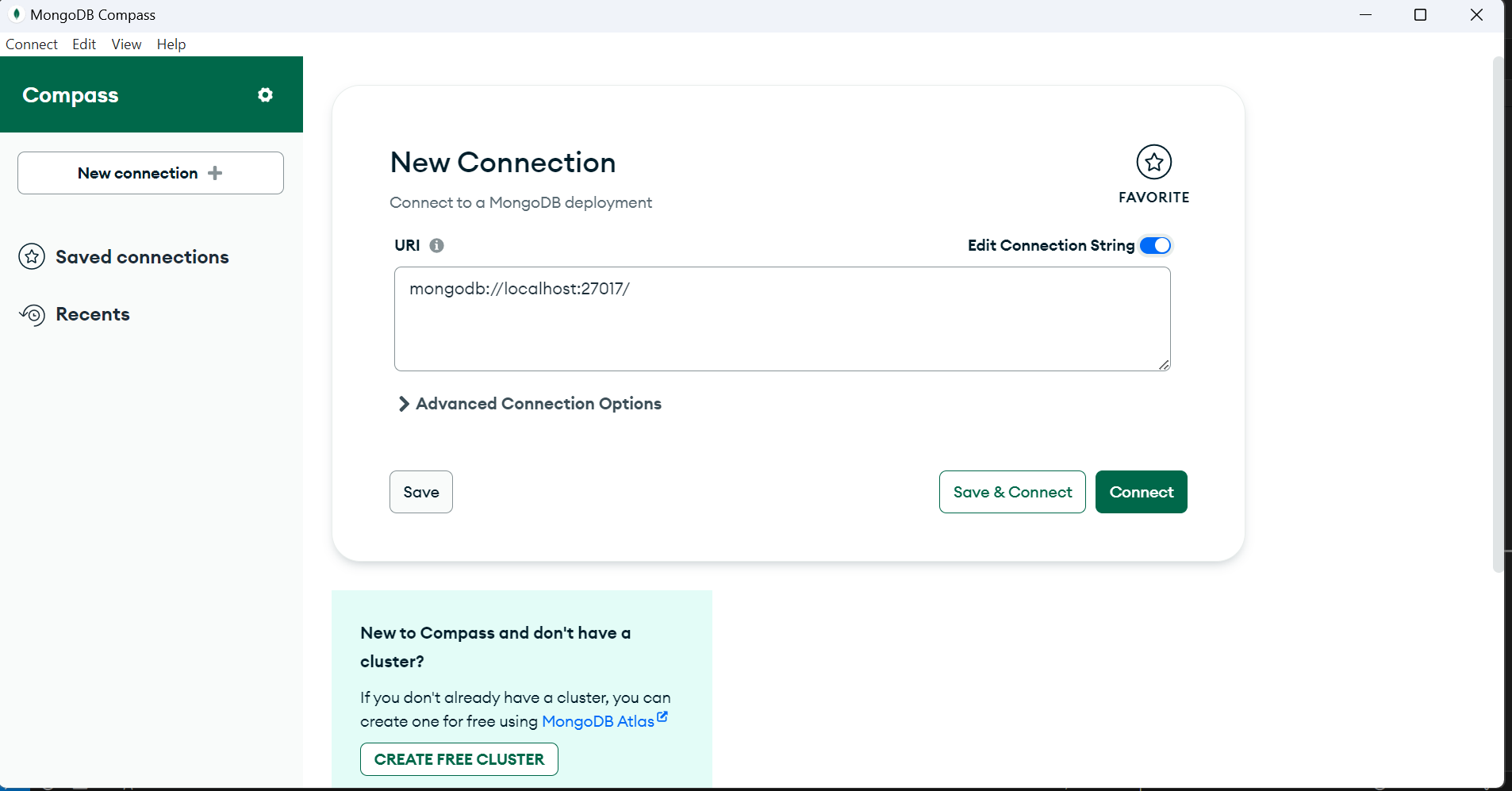
ARCHITA AGRAHARI

22CS3015

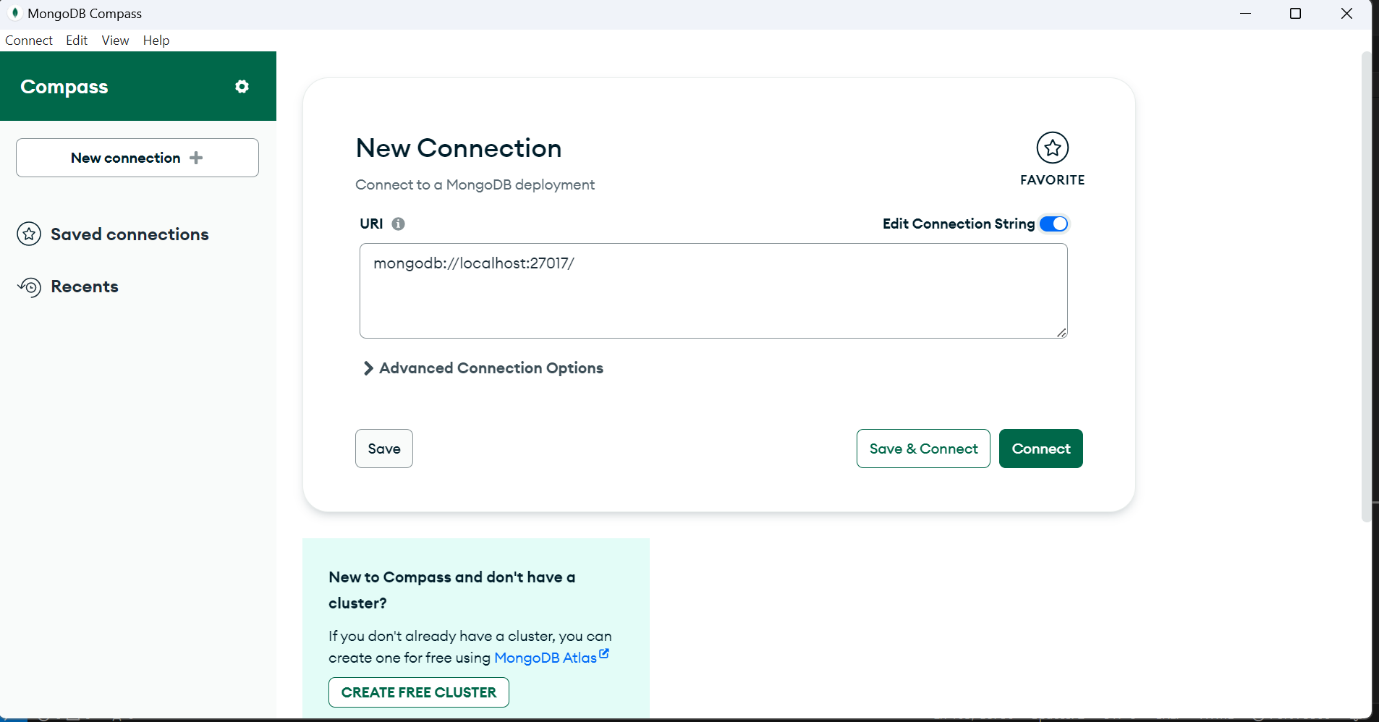
**WEB TECHNOLOGY**

**LAB-10**

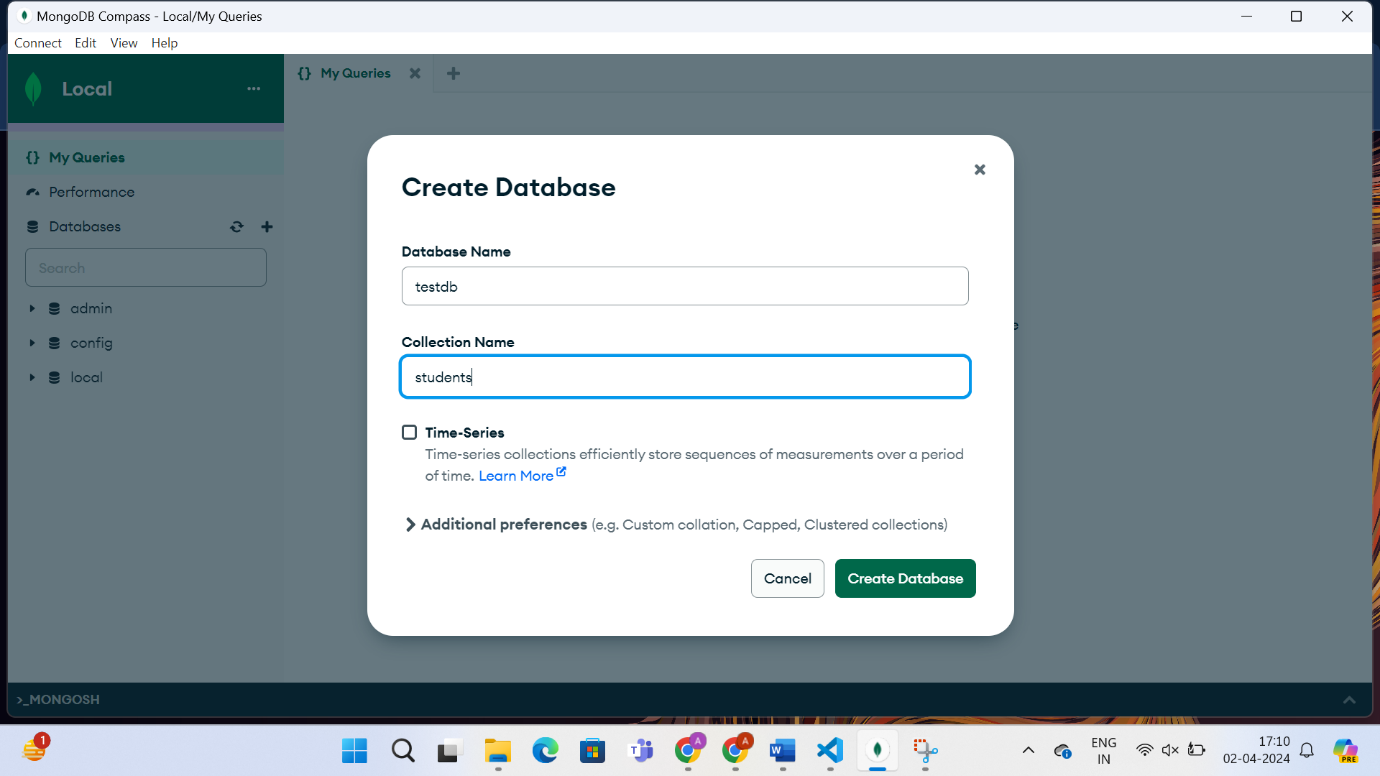
**Connect to a MongoDB server using MongoDB Compass.**

****

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

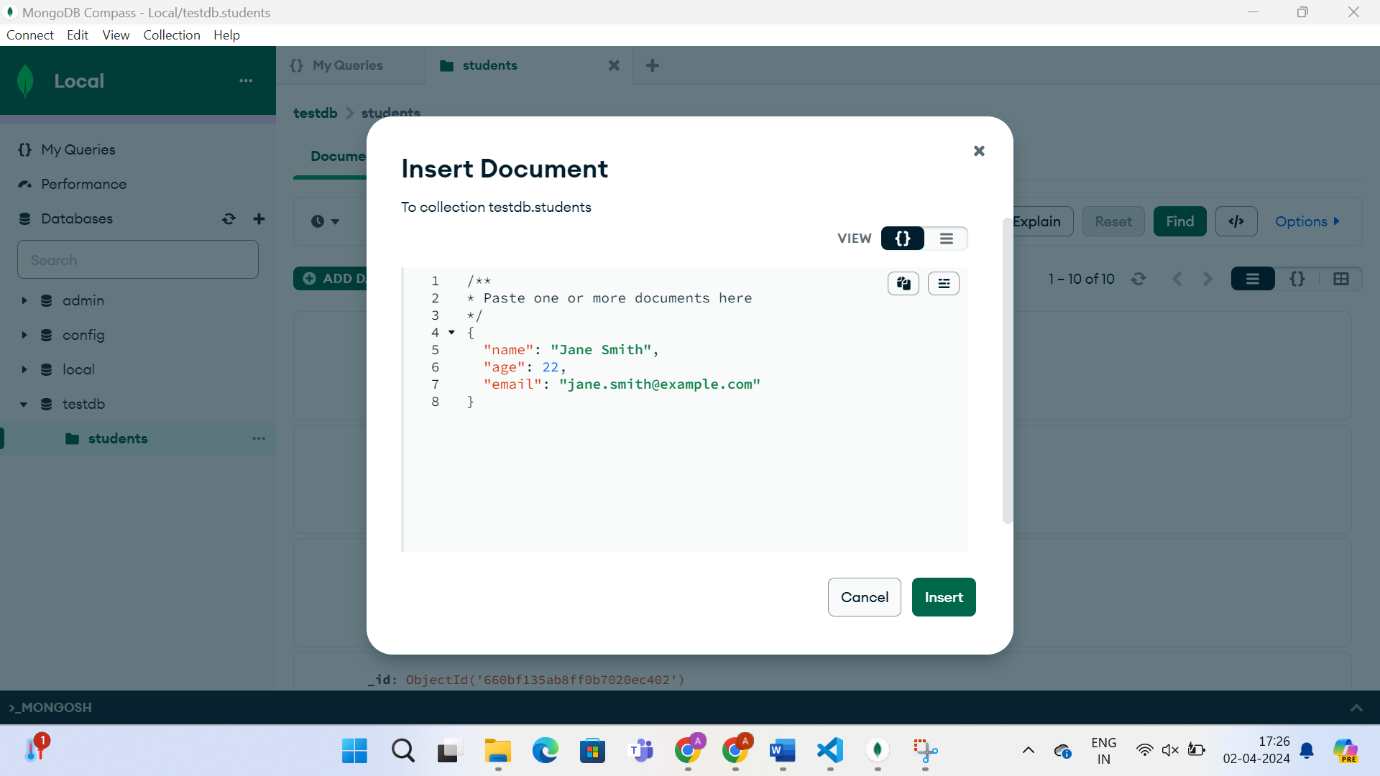
****

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

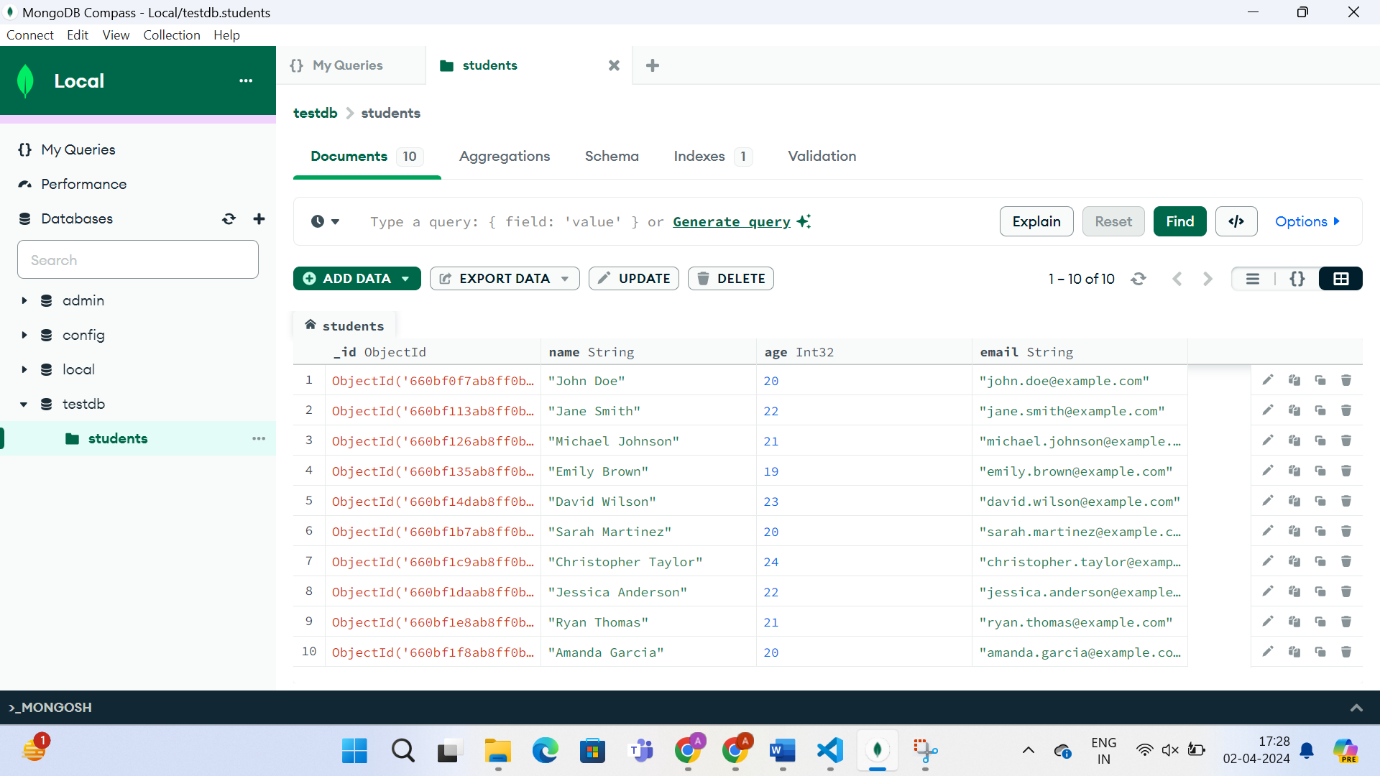
****

**Insert ten documents into the "students" collection with the following fields:**

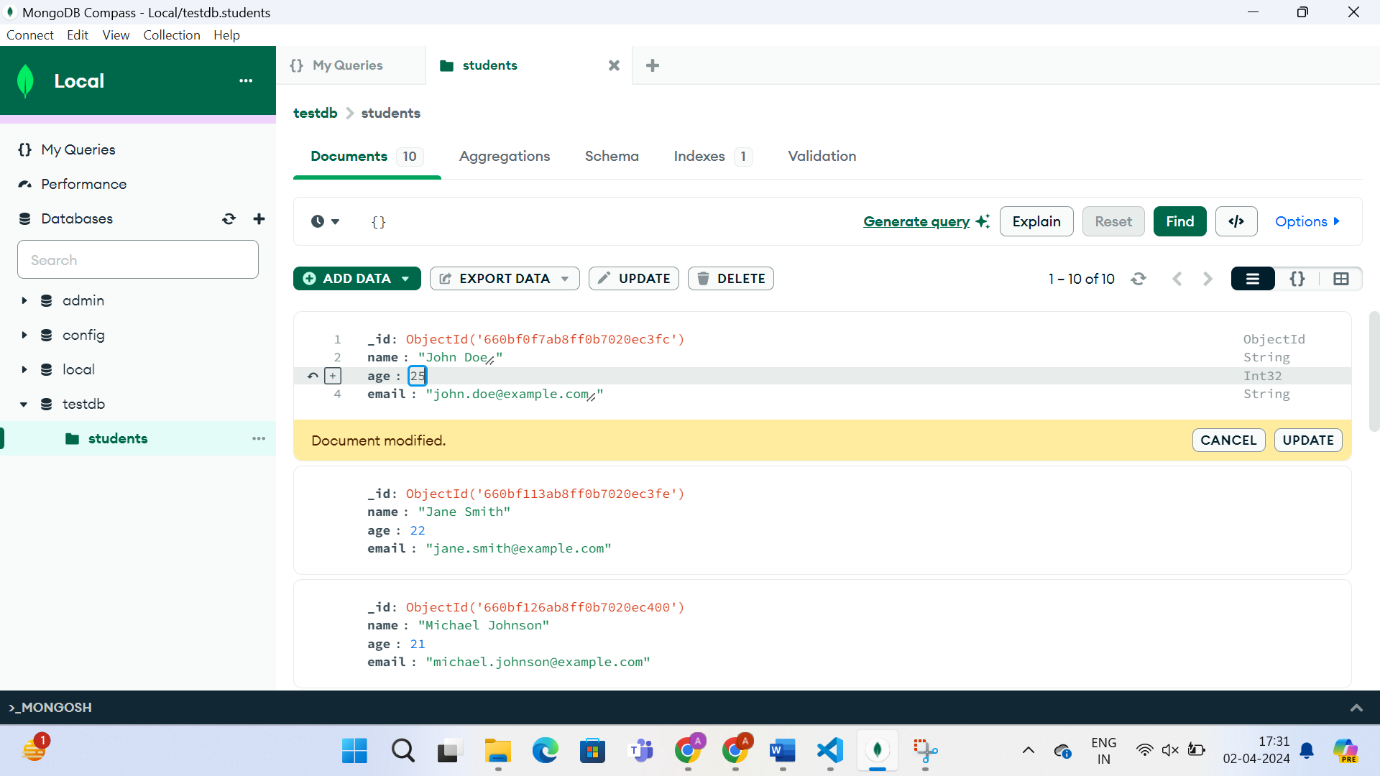
**name, age, and email.**

****

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

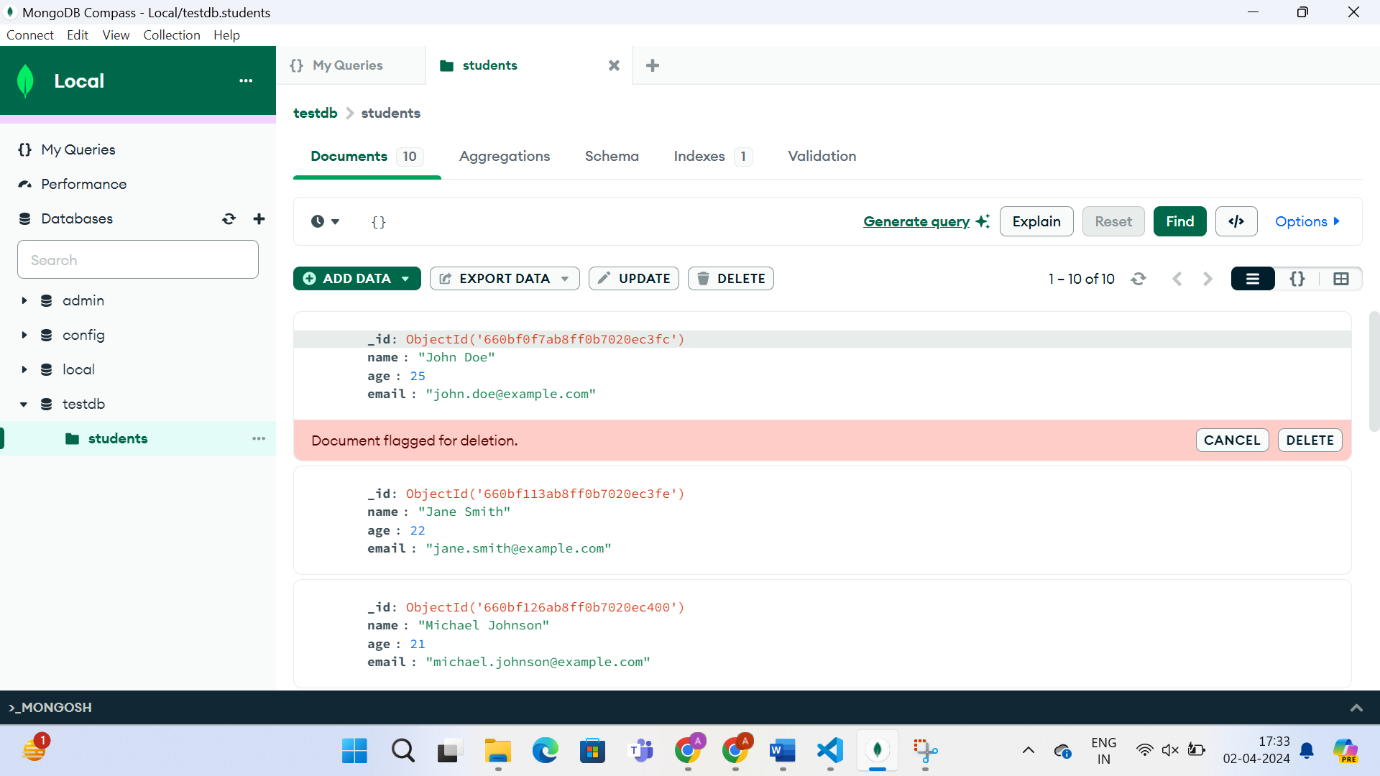
****

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

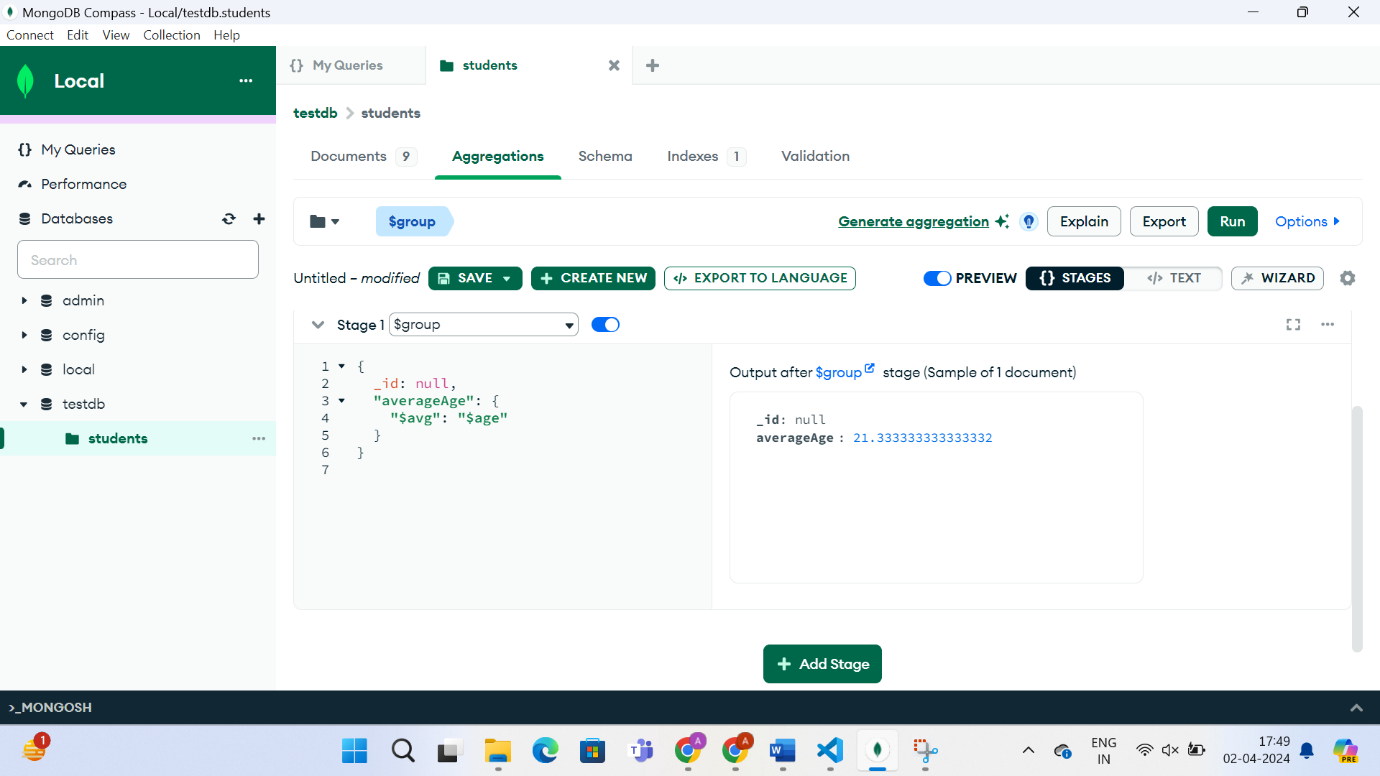
****

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

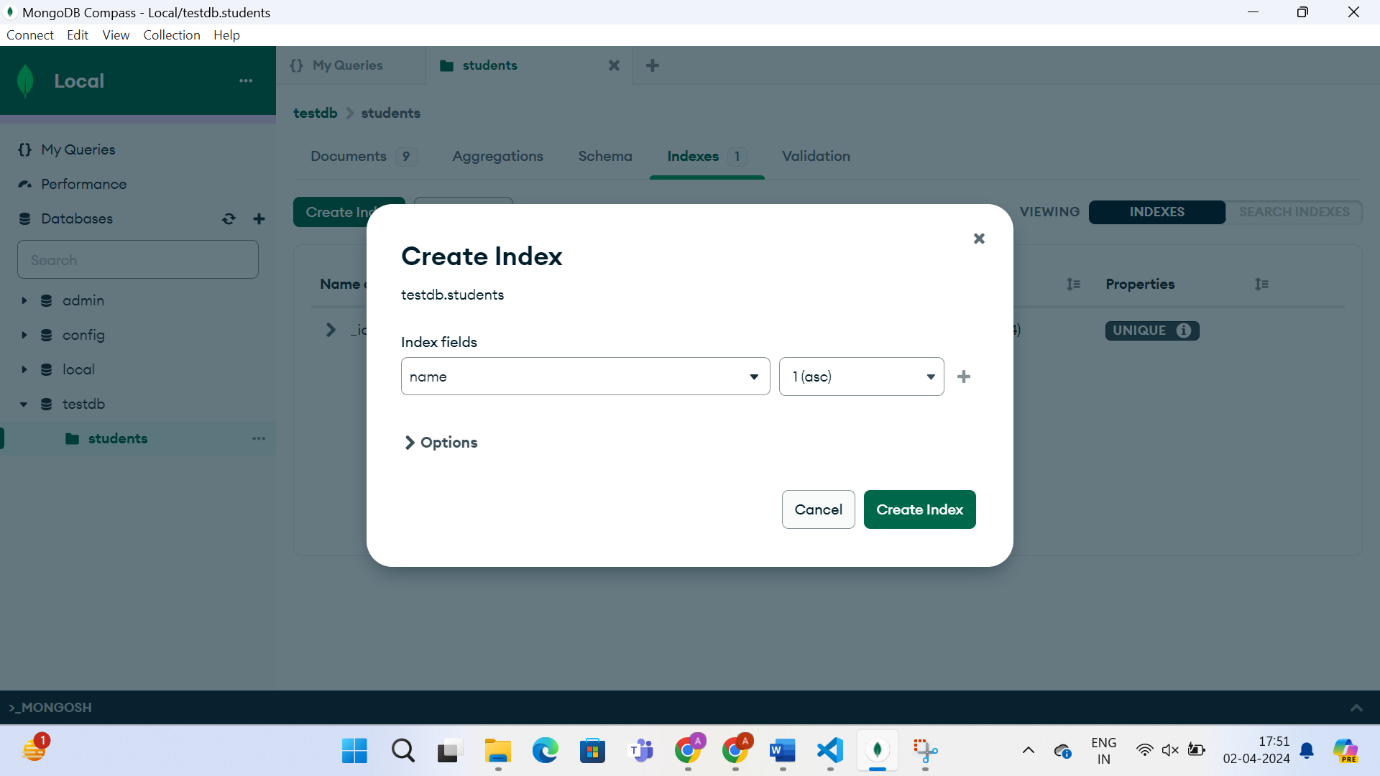
**condition.**

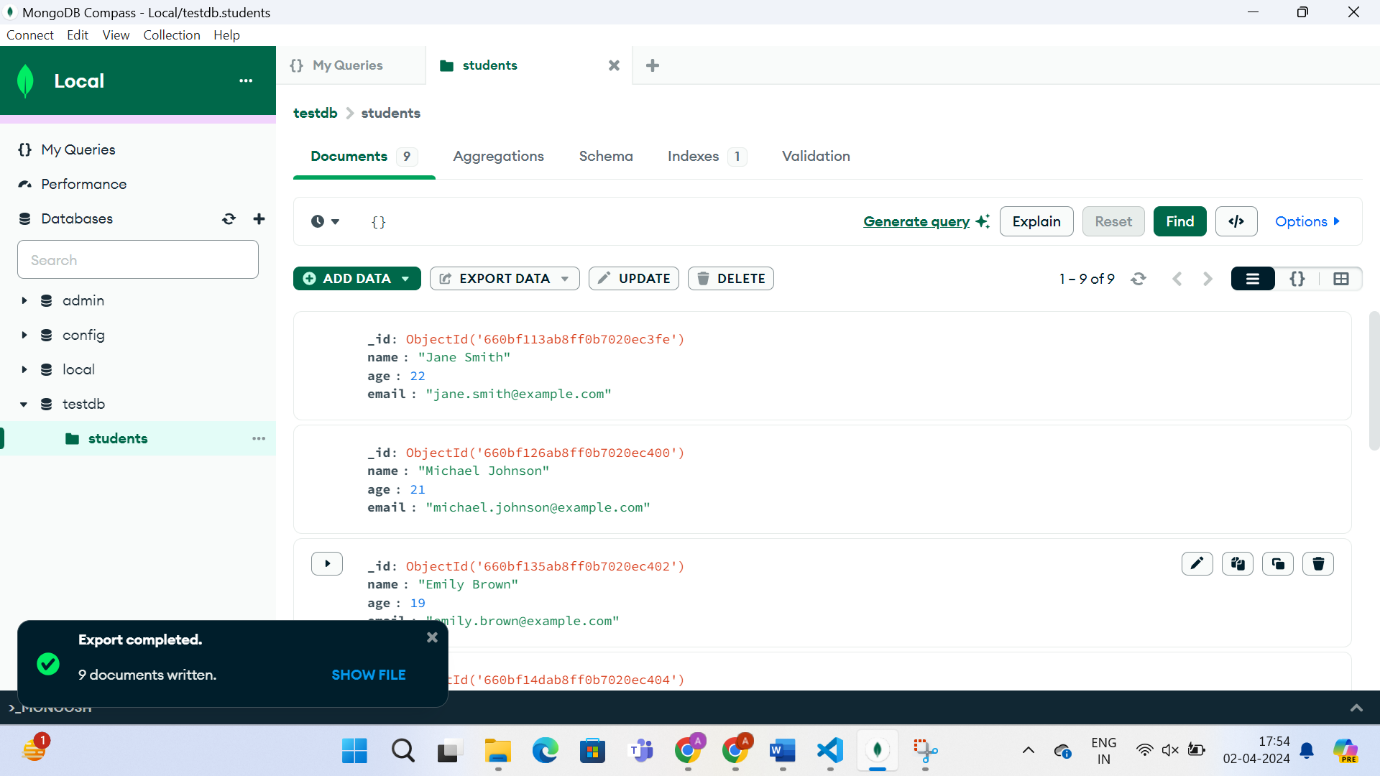
****

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

****

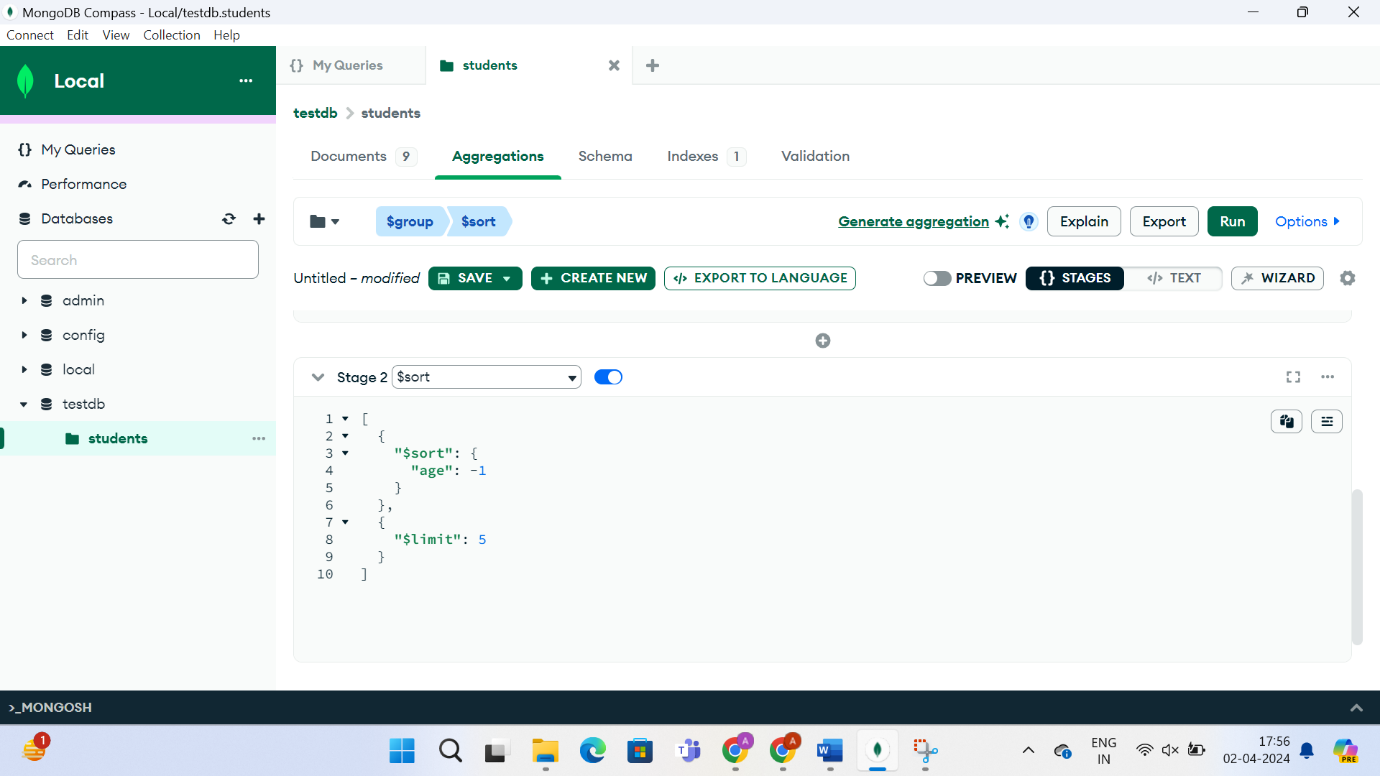
**Create an index on the "name" field in the "students" collection.**

****

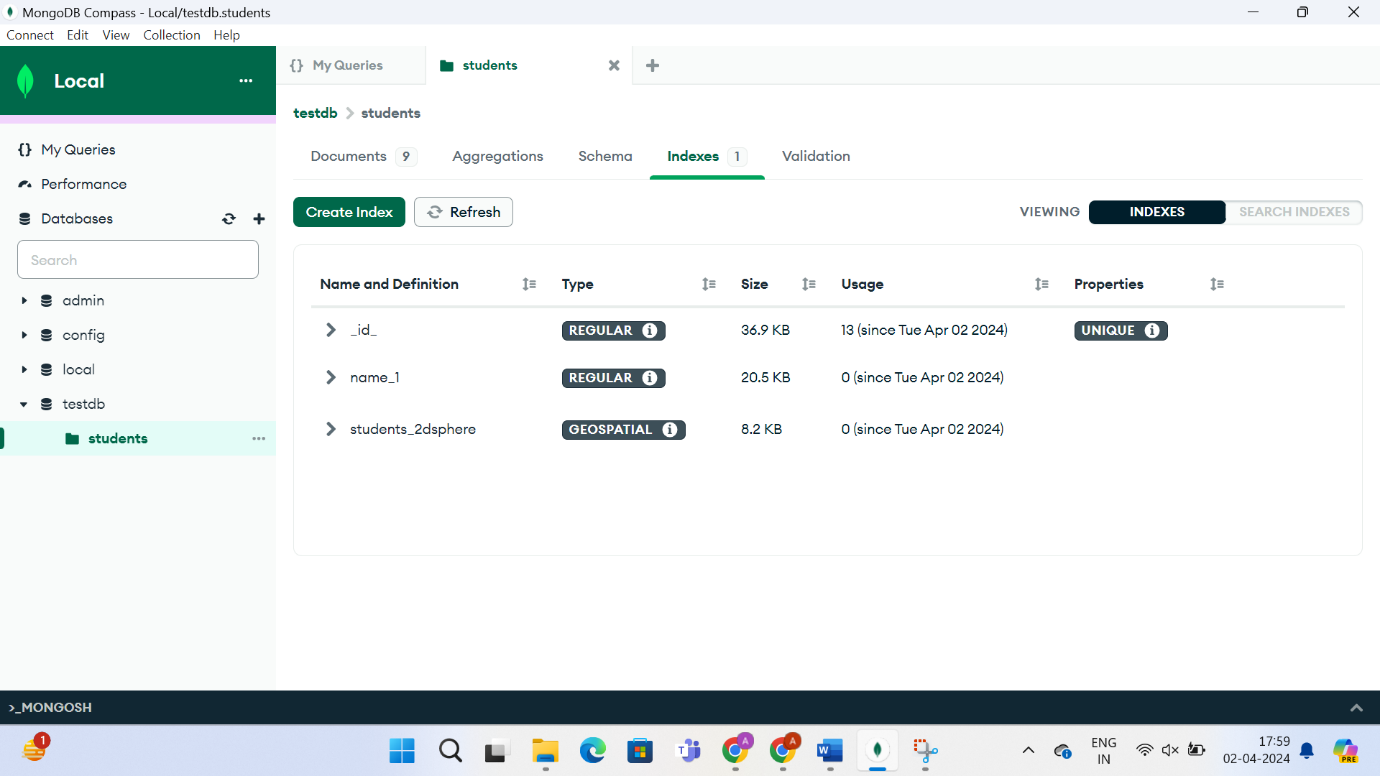
**Export the contents of the "students" collection to a JSON file.**

**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.**

****