

NoSQL-Mongo Lab1

Make sure from MongoDB Compass and Mongo Robo 3t Studio is valid installed

with latest version

Use **Robo 3t** to create the following:

1. Create a Database named "ITI_Mongo".
2. Create a Collection named "Staff".
3. Insert one document into the "Staff" collection: {_id, name, age, gender, department}.
4. Insert many documents into the "Staff" collection:
 - Object: {_id, name, age: 20, gender: "male", department}
 - Object: {_id, name, age: 25, gender: "female", managerName, department}
 - Object: {_id, name, age: 15, gender, DOB}
5. Query to find data from the "Staff" collection:
 - 1) Find all documents.
 - 2) Find documents where gender is "male".
 - 3) Find documents with age between 20 and 25.
 - 4) Find documents where age is 25 and gender is "female".
 - 5) Find documents where age is 20 or gender is "female".
6. Update one document in the "Staff" collection where age is 15, set the name to "new student".
7. Update many documents in the "Staff" collection, setting the department to "AI".
8. Create a new collection called "test" and insert documents from Question 3.
9. Try to delete one document from the "test" collection where age is 15.
10. try to delete all male gender
11. Try to delete all documents in the "test" collection.