Basic MongoDB Tasks

Introduction to MongoDB Commands for Beginners

Task 1: Create a Database

- Open MongoDB shell (mongosh)

- Create a new database named SchoolDB

Command:

use SchoolDB

Task 2: Create a Collection and Insert One Document

- Create a collection named students

- Insert a student record with the following details:

Command:

db.students.insertOne({ name: "Rahul", age: 18, class: "10th" })

Task 3: Insert Multiple Documents

- Insert three more students into the **students** collection

Command:

db.students.insertMany([

    { name: "Amit", age: 17, class: "9th" },

    { name: "Priya", age: 19, class: "11th" },

    { name: "Neha", age: 18, class: "10th" }

  ])

Task 4: Show All Documents

- View all students in the collection

Command:

db.students.find()

Task 5: Find One Document

- Find and display any **one student**

Command:

db.students.findOne()

Task 6: Find a Specific Document

- Find a student named "Priya":

Command:

db.students.find({ name: "Priya" })

Task 7: Update a Document

- Change **Rahul's** age to **19**

Command:

db.students.updateOne(

    { name: "Rahul" },

    { $set: { age: 19 } }

)

Task 8: Delete a Document

- Delete **Neha's** record

Command:

db.students.deleteOne({ name: "Neha" })