

IT2234: Web Service and Server Technologies - Practical

Assignment 02

Department of Physical Science

Faculty of Applied Science, University of Vavuniya

Answer All Questions

Duration: 2 hours

17th of May 2024

This exercise will guide you through the basic operations using MongoDB's command-line interface (**mongosh**) or MongoDB Compass. The sample data is available in the Mongodata text file.

1. Create a Database Library.
2. Create a collection named books.
3. Insert some sample documents into the 'books' collection.
4. Find all documents in the 'books' collection.
5. Find books published after 1950.
6. Find a book by title.
7. Update the year published for "The Great Gatsby".
8. Update the available status of "Moby-Dick" to false.
9. Set a new field checked_out to false for all available books.
10. Change the checked_out status to true for books in the "Adventure" genre.
11. Delete a book by title.
12. Delete all books published before 1930.