

IT2234: Web Service and Server Technologies - Practical
ICAE 02
Department of Physical Science
Faculty of Applied Science, University of Vavuniya
Answer All Questions

Duration: 1 hour

15th May 2025

Note:

- Complete the given tasks using MongoDB and Compass.
- Sample data is available in the data.txt file.
- Keep your answers (query) in a text file.
- Capture screenshots of the output for every question.

Tasks:

1. Create the students and grades collections and insert the sample documents into both collections.
2. Show both collections in table view.
3. Find the female students and only display their name, age and gender.
4. Find the students who are younger than 22 and enrolled after 2020.
5. Find all grades for "Alice Johnson".
6. Find how many students followed the subject "Mathematics".
7. Find all students with grades in the term "Fall 2022".