



Department of Statistics & Computer Science

University of Kelaniya

ACADEMIC YEAR -2023/2024 (Semester I)

COSC 21063 / BECS 21223 / COST 44233 / COST 44303

Data Structures and Algorithms

Assignment 02

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You have to submit a report on the **DeQueue** data structure, including the following information:

1. Definition
2. Types of Dequeue
3. Specification – dequeue operations
4. Contiguous Implementation – Java Language
5. Linked Implementation - Java Language

**Submission Guidelines**

- A **soft copy** should be uploaded to the Assignment 02 folder on your ekel course page **on or before the 14<sup>th</sup> of May 2025**.
- The uploaded file should be in **PDF** format and named according to your student number and assignment number. (e.g., "StudentNumber–Assignment02.pdf").