Silicon Institute of Technology, Bhubaneswar

B. Tech. 2nd Semester, Section – B

DSA Lab Assignment: #5 (Queue, Circular queue and Dequeue)

Date: 09 – 05 - 2022

Name of the Student:

Registration Number:

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1. Write a menu driven program in C to implement a Queue and its various operations such as insert, delete, checking whether it is empty or full, and display it using array.

2. Write a menu driven program in C to implement a Circular Queue and its various operations such as insert, delete, checking whether it is empty or full, and display it using array.

3. Write a menu driven program in C to implement a Double Ended Queue (Dequeue) and its various operations such as insert, delete, checking whether it is empty or full, and display it using array.

4. Implement a Queue and carry out its various operations using two stacks.

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