SCHOOL OF COMPUTER SCIENCE AND ENGINEERING
FALL SEMESTER 2022-2023

LAB ASSESSMENT -I

SLOT: B2/TB2

Course Code   :   BCSE202P
Course Name   :   DATA STRUCTURES AND ALGORITHMS LAB

1. Illustrate the various sorting (Insertion, Selection, Bubble, Merge, Quick and Counting) algorithm and Searching algorithm (Linear and Binary Search). The assessment should include the following things for each sort and search.

    a. Algorithm

    b. Source Code

    c. Input and Output

    d. Time complexity Analysis

2. Illustrate Stack operation and its applications, Conversion of infix to prefix and postfix. The assessment should include the following things

    a. Algorithm

    b. Source Code

    c. Input and Output

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