Bahria University,

Karachi Campus



COURSE: CSL-221

DATA STRUCTURE AND ALOGRITHMS LAB

TERM: FALL 2023, CLASS: BSE- 3(B)

Submitted By:

Raja Muhammad Hammad 81926

(Name) (Reg. No.)

Submitted To:

Engr.Laraib Siddiqui/Engr. Ayesha Khan

Signed Remarks: Score:\_\_\_\_\_

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LAB EXPERIMENT NO.

**\_01\_**

LIST OF TASKS

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| TASK NO | OBJECTIVE |
| 01 | Create an array A of length 10 integers. Values ranging from 1 to 50.  1. Find all pairs of elements whose sum is 25.  2. Find the number of elements of A which are even, and the number of elements of A which are odd.  3. Write a procedure which finds the average of the value of A. |
| 02 | Write a C# program that utilizes a 1D array to implement a simple inventory management system |
| 03 | Write a program which input 2 matrix of user defined rows and columns and perform following operation   a. Display/Print as a Matrix  b. Addition of Matrix  c. Subtraction of Matrix  d. matrix multiplication  e. Determinant  f. Inverse |

Submitted On:

**Date: 28/09/2023**