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Lab Final Examination: Fall-2024
Course Code: CIS 122L (Batch: 19_A)
Course Title: Data Structure Lab
Date: 14/12/2024

Time: 1 Hour **Total Marks: 40**

1. Implement a stack in C using an array. The program should include both Push and Pop operations, as well as a function to display the elements of the queue. [20]

2. Consider an array **M** that contains 10 integers (the numbers are provided by the user). Now, implement a C program that splits the array **M** into two arrays based on even and odd indices. [Assume that the values at odd indices are stored in array **A**, and the values at even indices are stored in array **B**] [20]

   Additionally, calculate the sum of the values in both arrays and compare the sums to determine which array has the greater total.

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