**CS3130 (Design and Analysis of Algorithm Lab)**

**Assignment 1**

* **Date of Assignment: 18 Nov. 2021**
* **Last Date of Submission: 18 Nov. 2021 11:59 PM**
* ***Language: C Programming***

1. Recursive and iterative solution of:

a. Binary Search

2. Given an array of integers numbers sorted in non-decreasing order, find the starting and ending position of a given target value.

If target is not found in the array, return [-1, -1].

You must write an algorithm with O (log n) runtime complexity.

***(Format to submit the assignment)***

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Name:

Registration:

C Program Code: