Lab 9: Data Structures and Algorithms

**Topic: Binary Search Trees (BST)**

# Objective

* Working on the Binary Search Trees

## Task 1:

Write down the following **codes (recursive and non-recursive)** for tree traversals:

1. In-order
2. Post-Order
3. Pre-Order

Note: We have already done the recursive codes of traversal in our lectures.

## Task 2:

Write down the code to count the total number of **leaf nodes** in a Binary Search Tree.

## Task 3:

Write down the code to count the **total number of nodes** in a Binary Search Tree.