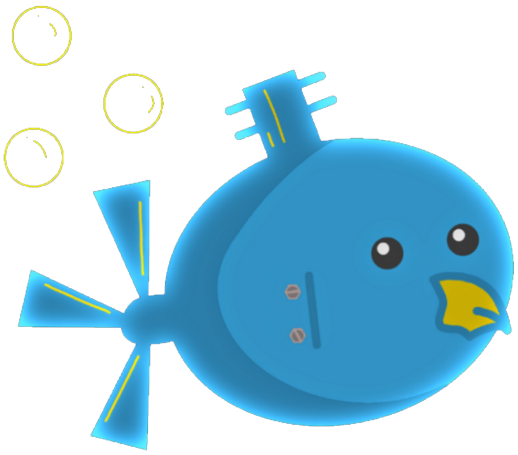
CALIFORNIA STATE UNIVERSITY, LOS ANGELES

Module Level Outcome: *Design, Analysis and Application of Algorithms*



ROBOSUB

Members
Thomas BENSON, David CAMACHO, Bailey CANHAM, Brandon CAO,
Roberto HERNANDEZ, Andrew HEUSSER, Hector MORA-SILVA,
Bart RANDO, Victor SOLIS

February 23, 2023

Contents

1 Question 5: Convert Sorted Array to Binary Search Tree

Problem: https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/

1.1 Pseudocode

1.2 Code

1.2.1 C

1.2.2 C++

1.2.3 Java

1.2.4 Python

2 Question 6: Binary Tree Preorder Traversal

Problem: https://leetcode.com/problems/binary-tree-preorder-traversal/

2.1 Pseudocode

2.2 Code

2.2.1 C

2.2.2 C++

2.2.3 Java

2.2.4 Python