

SSN College of Engineering
Department of Information Technology
UIT2402 — Advanced Data Structure and
Algorithm Analysis

2023 – 2024

Exercise — 1

Feb 20, 2024

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- This homework is due by 10PM on Feb 25, 2024
 - Grace period may be given up to midnight of Feb 25, 2024
 - You can upload only one ZIP file
 - The naming convention is “<Your first name (first letter capital and all the other letters small)>-UIT2402-ex-1.zip”
 - Judicious use of Python features and standard modules, version control using 'git', adhering to Python coding standards are expected
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The purpose of this exercise is to understand the design of Tree ADT with various operations.

1. Provide an implementation of Binary Search Trees with various operations of Insert, Delete, Find and tree traversals