Activity No. 9.2	
Implementing and Traversing Binary Trees	
Course Code: CPE010	**Program:** Computer Engineering
Course Title: Data Structures and Algorithms	**Date Performed:** 11/ 27 / 2024
Section: CPE21S4	**Date Submitted:** 11/ 27 / 2024
Name(s): BONA, Andrei Nycole So MASANGKAY, Frederick ROALLOS, Jean Gabriel Vincent SANTOS, Andrei ZOLINA, Anna Marie	**Instructor:** Prof. Maria Rizette Sayo

A. Output(s) and Observation(s)

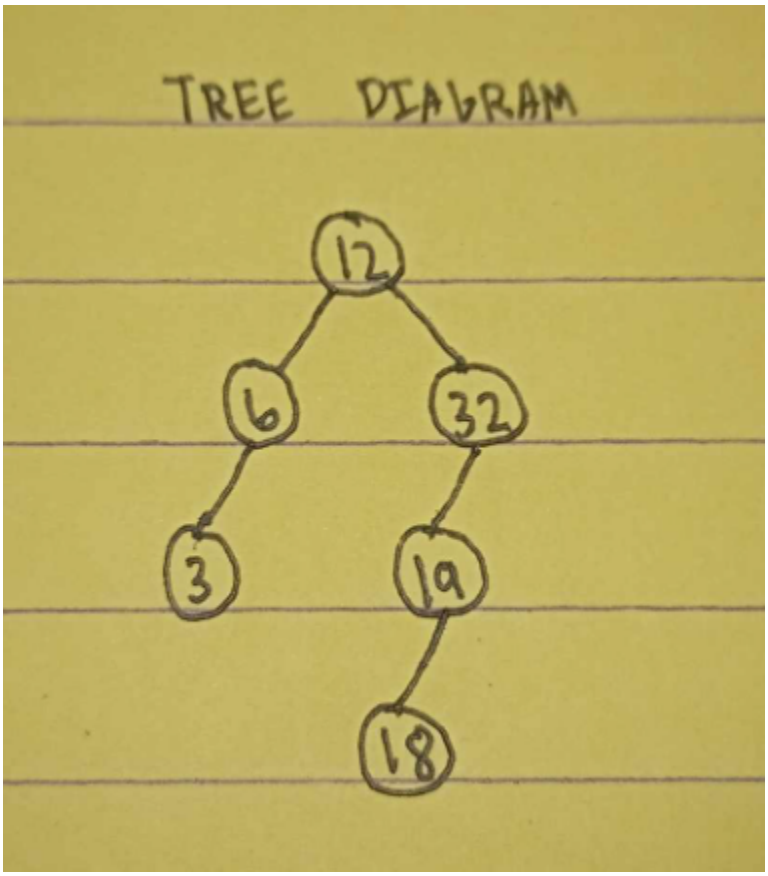

Figure 1: Tree Diagram

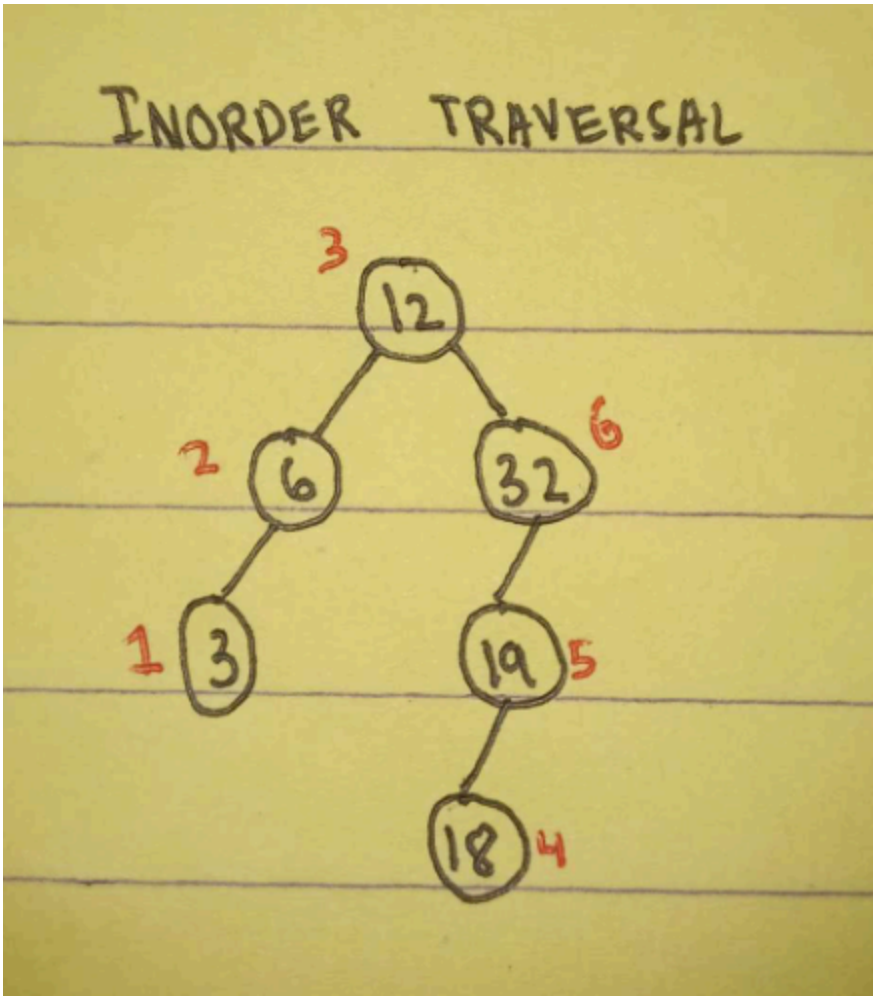

Figure 2: Tree Diagram (In-Order)

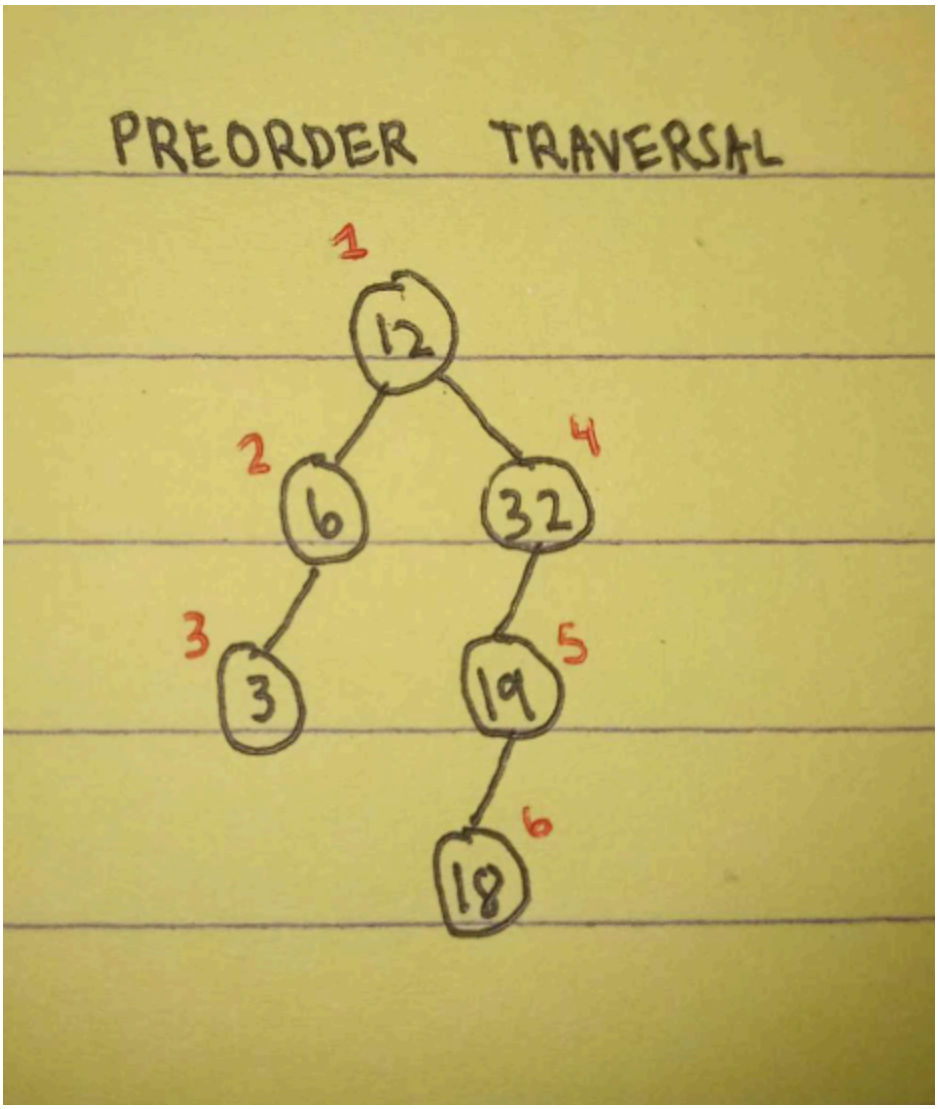

Figure 3: Tree Diagram (Pre-Order)

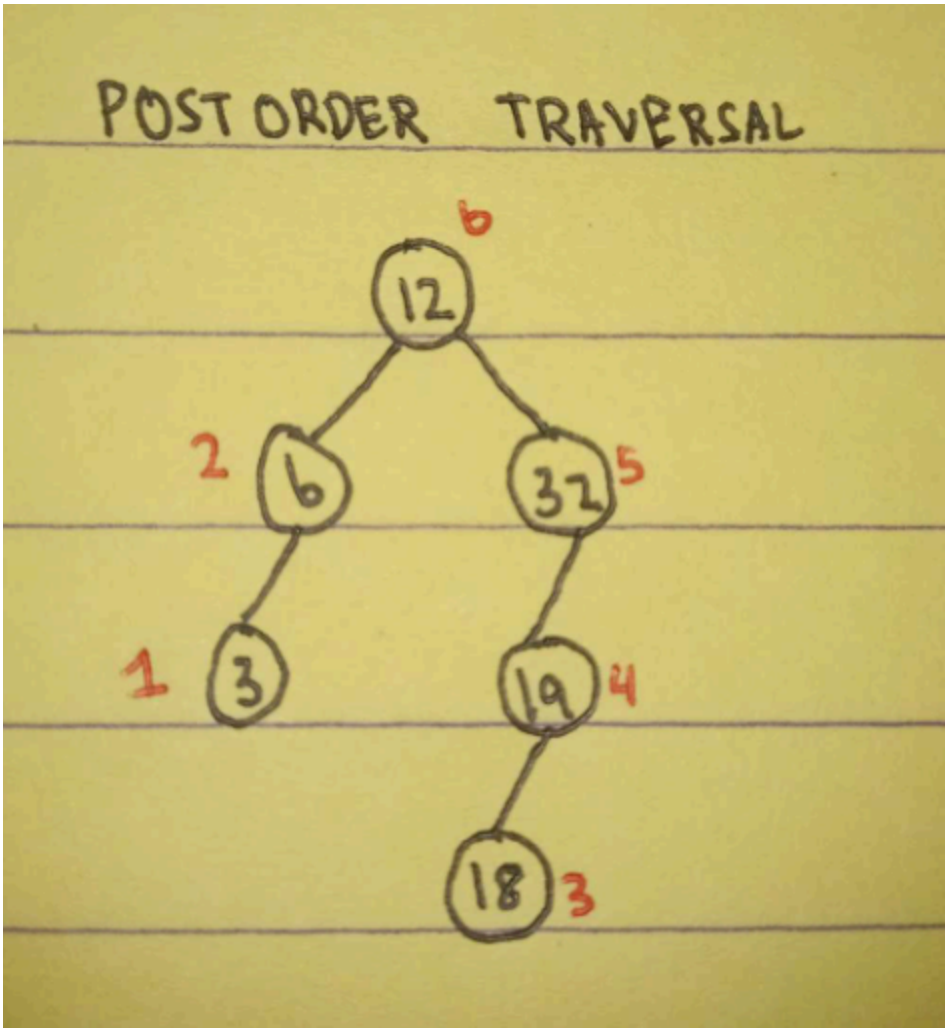

Figure 4: Tree Diagram (Post-Order)

B. Answers to Supplementary Activity

C. Conclusion & Lessons Learned

By successfully implementing a Binary Search Tree (BST) and mastering its traversal techniques, we've gained valuable insights into efficient data organization and retrieval. The structure where nodes are arranged in a specific order, enables efficient search, insertion operations and also deletion operations. This knowledge will help us to solve more complex problems and design efficient data structures applying the new learnings in Binary Search Tree.

D. Assessment Rubric

E. External References