

# PLAYBOOK NOTES: PRE-ORDER TRAVERSE

## Big Picture:

- Visit
- Left
- Right

## Algorithm:

1. Set the current to equal the root
2. While the current is not NULL or the stack is non-empty

    If the current is not NULL

        Visit the current node

        Push current onto the stack

        current = current->pLeft

    else

        current = stack.top();

        pop the stack

        current = current->pRight

## Example:

WIP

## Reference:

“C++ Programming Program Design Including Data Structures” D.S. Malik, Eighth Edition, copyright 2018