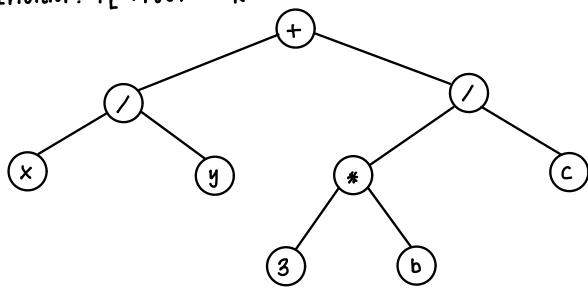
CS-303 Assignment 4

(25 points)

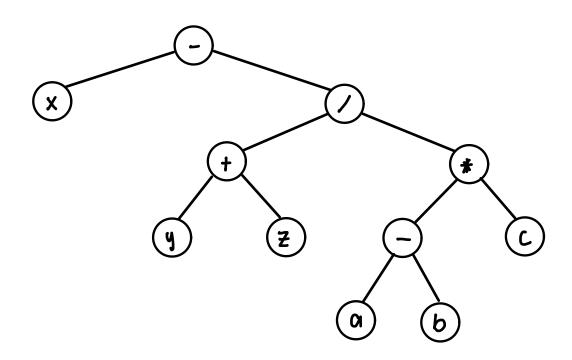
Q1 (15 points) Draw an expression tree corresponding to each of the following:

- a) Inorder traversal is: x/y+3*b/c
- b) Postorder traversal is: x y z + a b c * / -
- c) Preorder traversal is: * + a xy/cd

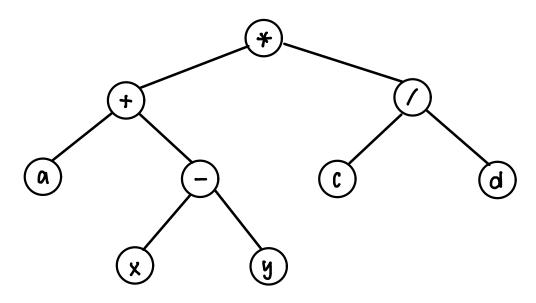
a) Inorder: TL > root > TR



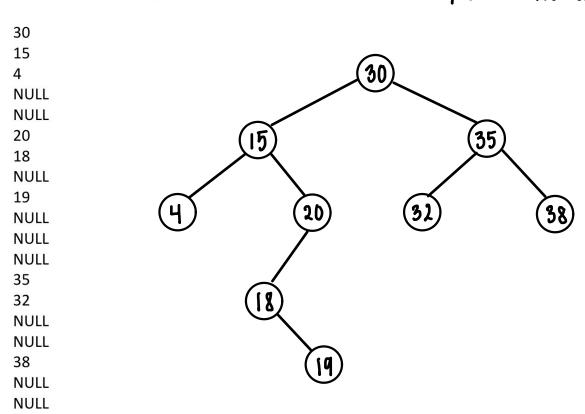
b) Postorder: TL >TR > root



C) Preorder: root >TL >TR



Q2 (10 points) Considered the output of a to_string method below and show the tree that would be built by the following data lines is the binary search tree. **pre order travers al**



Submission guidelines:

- 1. Create a solution document (word or pdf) that contains the trees created for Q1 and Q2
- 2. Upload your solution document to GitHub.
- 3. Submit the GitHub link on Canvas by due date.