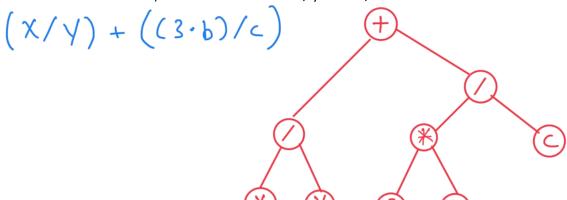
CS-303 Assignment 4

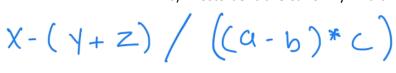
(25 points)

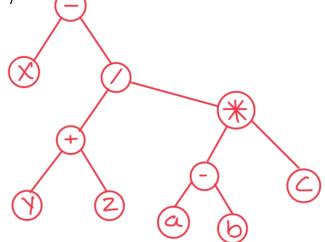
Q1 (15 points) Draw an expression tree corresponding to each of the following:

a) Inorder traversal is: x/y + 3 * b/c



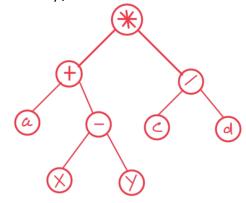
b) Postorder traversal is: x y z + a b - c * / -



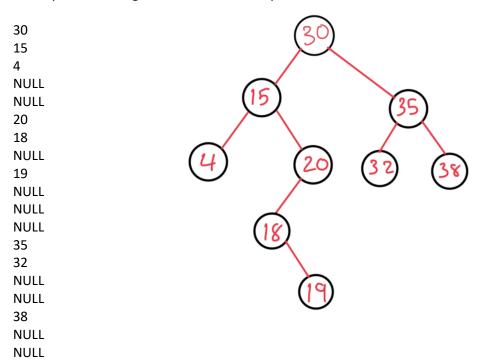


c) Preorder traversal is: * + a - xy/cd

$$(a + (x-y)) * (c/d)$$



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.



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