Assignment 4: Binary Trees
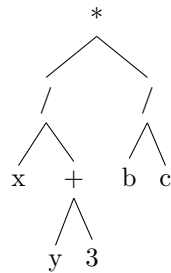
Harrison Maksimik
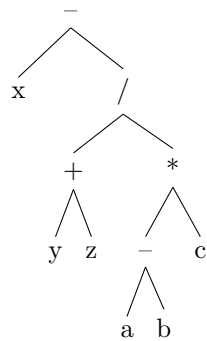
2023/11/26

1. Draw an expression tree corresponding to each of the following
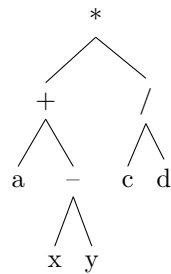
   (a) Inorder traversal is: x / y + 3 * b / c

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

   (c) Preorder traversal is: * + a − x y / c d

2. 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

```
            30
          /    \
        15      35
       /  \    /  \
      4    20 32   38
            \
            18
              \
              19
```