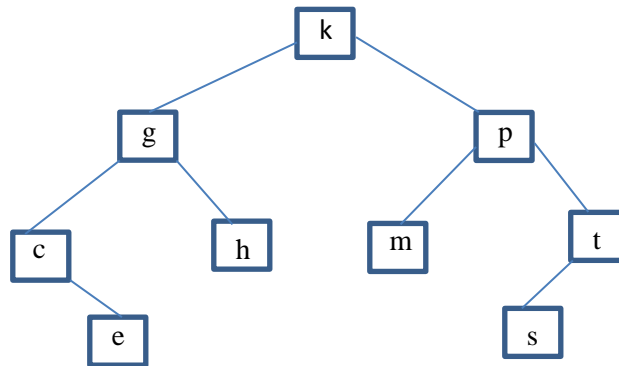


Machine Problem 2

Attached to this document is the source code tree.c

The program implements a binary search tree of lower-case alphabets, e.g., "a", "b", ..., "z". The program takes commands from the user that include insert and delete nodes, and list nodes in post-order or in-order.

For an example of listings, consider the following binary search tree:



A ~~post-order~~ pre-order listing is

c, e, h, g, m, s, t, p, k

An in-order list is

c, e, g, h, k, m, p, s, t

The commands to delete a node and list in post-order don't work because the functions deleteNode() and listInPostOrder() are not implemented properly.

Assignment: Implement the two functions properly so that the program works for all commands.

Submission Instructions: Upload your tree.c into laulima.