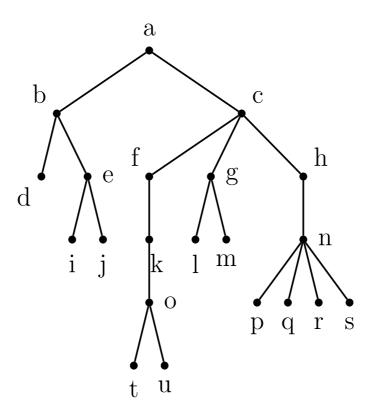
This project asks you to investigate the eccentricity of a vertex and the center of a tree and Fibonacci trees. Eccentricity of vertices and centers of trees are defined just prior to #39 in the text. Fibonacci trees are defined just prior to #45 in the text.

(a) Find the eccentricity of each vertex in the following tree.



- (b) Give the center(s) of the above tree.
- (c) Give a tree with at least seven vertices which has two centers.
- (d) Draw the first seven Fibonacci trees.