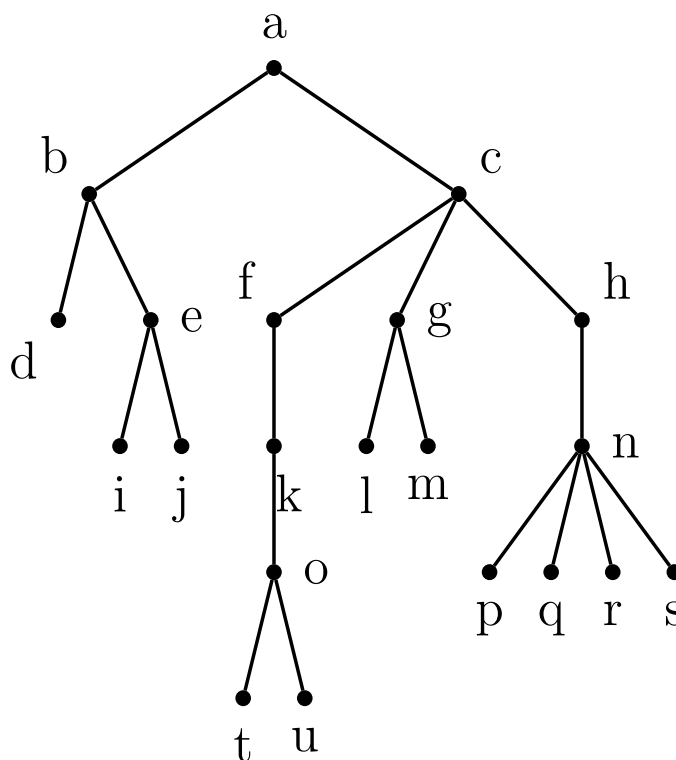This project asks you to investigate the eccentricity of a vertex and the center of a tree and Fibonacci trees. Eccentricity of vertices and centers of trees are defined just prior to #39 in the text. Fibonacci trees are defined just prior to #45 in the text.

(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.

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