

# Week 10 Assignment - AVL Trees

[Submit Assignment](#)

**Due** Monday by 6:40pm    **Points** 10    **Submitting** a text entry box or a file upload

You are going to add the following nodes to an AVL tree in this order: H E M Q C A G F D T N K P. Draw the tree as it is constructed but you can skip the steps where it is balanced. Draw the tree at the points at which it becomes unbalanced. Each time it becomes unbalanced, indicate what rotations you have to perform and show each rotation before and after. You can draw this on paper and scan or photograph it or use a drawing tool. Here is an example format for one rotation. (The tree was balanced up until A was added.)

