Lecture 9
Self-Balancing Trees
Exercises

Department of Computer Science

Hofstra University

AVL Tree

- Create an AVL Tree by inserting the sequence: 1, 2, 3, 4, 5, 6. Draw a new figure whenever you do a rotation.

Red-Black Tree

- Create a Red–Black Tree by inserting the sequence: 1, 2, 3, 4, 5, 6. Draw a new figure whenever you do a rotation.

AVL Tree

- Create an AVL Tree by inserting the sequence: 45, 70, 35, 3, 74, 25, 81, 60. Draw a new figure whenever you do a rotation.

AVL Tree

- Create an AVL Tree by inserting the values: 45, 70, 35, 3, 74, 25, 81, 60. Draw a new figure whenever you do a rotation.