

CSC 212 Tutorial #10

AVL

Problem 1

1. Insert into an empty *AVL* tree the following keys: 70, 80, 40, 20, 90, 10, 60, 50, 30
2. Remove the following keys from the final *AVL* tree in 1: 90, 40, 30

Problem 2

Perform the following operations on the *AVL* tree below:

Insert 24, Insert 78, Insert 35, Remove 32, Remove 87.

Each operation is **independent** of the others and must be performed on the original tree. Make sure to mention the rotation performed (*none*, *single*, *double*).

