CSCI 281, Discrete Structures, Fall 2019
Assignment 14 – Trees   (15 points)

1. (5 points) Show that every tree is bipartite.

2. (5 points) Create a binary decision tree that reflects the way a coin-sorting machine deals with standard US coins (penny, nickel, dime, quarter, half-dollar, and dollar).

3. (5 points) How many different binary search trees can be made with three pieces of data?