

20.181:Materials:HW3 helper

- Here is a smaller test tree that you can easily draw by hand (or use the [web visualization link](#)). Note that both TreeViewX and the web drawing tool draw the left and right branches from the parent's perspective (looking from the root towards the leaves)

```
(a:15,((b:2,c:16):3,(d:4,e:5):1):1):10;
```

- Your code, run with this example tree, should give the answers below (which hopefully match what you get when you do it by hand)

```
Average distance: 20.8  
Min distance/node [16.0, 'b']  
Max distance/node [30.0, 'c']
```

(where I did average distance the equal-weighting way, and the root branch was included)
(I think if you do it the "phylogenetic-weighting" way the avgDist comes out to 22.375
but I'm too tired to double-check)

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