

CSE 620: Project 2

Due: Sept. 13, 2013 2:00 PM

Submission: In your SVN *proj2* directory there is a file **PhyloTree.py**. All code for this assignment will be added to that file.

Project explanation: The core of this project is explained in the Niihka videos posted under **Online Lectures → Project 2**.

Purpose: We are writing the class for modeling Phylogenetic Trees, as described in the video. *Note: there may have been minor changes made to the class since creating the video. The principles are the same, but a few details might be different.*

Format specifications:

- Edge weight may be integers or floating point.
- Node labels must be alpha-numeric characters. (Anything that matches an r.e. `"\w"`.)
- Node labels must be unique. (You are not required to enforce this, but may assume it is true for all code that you write.)
- Interior labels are optional. Non-labels are represented with the empty string.