2/12/21

1. Run 1M_pr_ms simulation
2. Practice on data from test_suite (don't edit) unedit the changes I made
3. Use python package to plot output files
    a. Temp v pressure plot on loglog scale
    b. Read in profile file on loglog plot ^
    c. Using history file plot radius vs age on loglog scale
    d. Figure out how to run python through ssh
4. In book take formula that studies the shrinking of orbit
    a. Chapter 1: work through examples
    b. Really really learn section 3.5 (page 84)
5. Write separate program using initial mass and orbital separation
    a. show/capture time until coalesce when separation =0
    b. Find gravitational wave strain formula (maybe different name but something similar)
    c. Google LISA wave strain
6. Write up as I go for thesis
    a. Important topics like GR wave formulas
    b. Orbital separation vs time plot that I will make(starting from different separation)
    c. As well as different combinations of masses, note that weird combos of masses(M1, M2) are important.