Individual Assignment 2

Individual Homework Assignment

This should be completed by each student individually. **You may not work on this assignment in groups.** Individual assignments are due one week after being assigned. Remember that your assignment should be well documented (with a README) and all commit messages should be descriptive.

For this assignment, you will be writing functions to convert real units to reduced units. To complete this assignment, open `ASSIGNMENT.ipynb` and complete the tasks specified there.

You should be able to complete the assignment using only the notebook, but if you would like to read more about reduced units, you can reference pages 41-42 of the text book "Understanding Molecular Simulation" (Chapter 3), which is available as an e-book through UC Berkeley Libraries.

> Frenkel, D.; Smit, B. Understanding Molecular Simulation : From Algorithms to Applications, 2nd ed.; Computational Science Series, 1; Academic Press: San Diego, 2002.

Turning in your assignment

In order for your assignment to be complete, make sure you have the following:

1. A completed `ASSIGNMENT.ipynb` notebook.
2. An updated README.md file which explains the assignment. Change the title and write a brief paragraph about what is in this repository. Imagine you are writing this for someone who does not know what the assignment was. Explain how to run your script. You should also add a paragraph about your test cases and what leads you to believe your test cases demonstrate that your code is working.

Grading

This assignment is the second of four individual assignments you will be given in this course. This assignment is worth 8% of your total grade.

Rubric

This assignment will be graded out of 20 points. See RUBRIC.pdf for a detailed breakdown of grading.