**Assignment #5**

**Objective**

Continue learning the basics of Python programming!

**Due**

Monday at 9am on Feb 5th.

**Background**

Please commit completed scripts to your GitHub repository in a directory named ‘Assigment05’. Send Dr. Ficklin a private message on slack once your assignment is ready. Please indicate how long this assignment took.

As usual, please try to get started as soon as possible to ensure you have plenty of time to work through it***. Avoid trying to do the entire thing at one time***. If you have questions, use Slack! Remember to post questions to the #assignments channel to give anyone the chance to respond.

**Tasks**

1. From Shaw’s *Learning Python the Hard Way*, read and complete exercises #43-44 (pages 198-223).
   1. Be sure to create the programs the author instructs you to.
   2. Make sure that your output is like that shown in the “What You Should See” section that appears after each exercise. If you do not have the same results, then check your code, fix any mistakes and re-run until your output looks like those shown.
   3. At the end of each exercise is a “Study Drills” section.
      1. Some items in the Study Drills are meant to help you think through what you are doing. For these, take some time to think about the questions, but you do not need to write down answers or turn them in.
      2. If the author instructs you to write items on note cards, or other similar tasks, you may do these if desired but these are not required.
      3. If the Study Drill instructs you to write code, then please do so as instructed and turn that in as well.
   4. For the sake of time you can skip the ‘Break It’ sections when they appear.
   5. Finally, avoid the urge to skip over the “Common Student Questions” section. The answers to some of those questions may help you out!
   6. Remember:
      1. Be sure to save each exercise into a separate file. Each exercise indicates the name you should use (e.g. ex43.py for the first exercise).

Questions:

No exit after finish?

How can I just return ‘blah’? why don’t I have to call nextroom.enter()?