

Week 9: Recursion, the Web, and Search (Learning Week)

We will cover Chapter 10 and 11 this week. There is no lecture recording for this week. This week should be dedicated to practicing and learning, line-by-line, the concepts around recursion and web-access using Python. **To do well on these quizzes, be sure to experiment with the code snippets on Python--explore what happens when you try making small changes.**

For lecture next week, be ready to look at additional examples. This will be our last lecture recording before your final assignment. Email me any questions you might have.

By **November 27, 2021 at 1 pm**, you should have the following tasks completed:

- Read all of Chapters 10 and 11
- Complete Learning Quizzes 29-35*
 - [Learning Quiz 29: Run Time Analysis](https://my.uclaextension.edu/courses/36536/quizzes/106078) (<https://my.uclaextension.edu/courses/36536/quizzes/106078>)
 - [Learning Quiz 30: Searching](https://my.uclaextension.edu/courses/36536/quizzes/106085) (<https://my.uclaextension.edu/courses/36536/quizzes/106085>)
 - [Learning Quiz 31: The World Wide Web](https://my.uclaextension.edu/courses/36536/quizzes/106063) (<https://my.uclaextension.edu/courses/36536/quizzes/106063>)
 - [Learning Quiz 32: Python WWW API](https://my.uclaextension.edu/courses/36536/quizzes/106084) (<https://my.uclaextension.edu/courses/36536/quizzes/106084>)
 - [Learning Quiz 33: String Pattern Matching](https://my.uclaextension.edu/courses/36536/quizzes/106104) (<https://my.uclaextension.edu/courses/36536/quizzes/106104>)
 - [Learning Quiz 34: Character Encodings and Strings](https://my.uclaextension.edu/courses/36536/quizzes/106107) (<https://my.uclaextension.edu/courses/36536/quizzes/106107>)
 - [Learning Quiz 35: Beautiful Soup](https://my.uclaextension.edu/courses/36536/quizzes/106075) (<https://my.uclaextension.edu/courses/36536/quizzes/106075>)

Once you are highly confident with the topics from the learning quizzes, I recommend getting a head start on the following knowledge quizzes. The knowledge quizzes are not due until **December 4**, but they will also coincide with the upcoming final programming assignment:

- Complete Knowledge Quizzes 29-35*
 - [Knowledge Quiz 29: Run Time Analysis](https://my.uclaextension.edu/courses/36536/assignments/601593) (<https://my.uclaextension.edu/courses/36536/assignments/601593>)
 - [Knowledge Quiz 30: Searching](https://my.uclaextension.edu/courses/36536/assignments/601530) (<https://my.uclaextension.edu/courses/36536/assignments/601530>)
 - [Knowledge Quiz 31: The World Wide Web](https://my.uclaextension.edu/courses/36536/assignments/601542) (<https://my.uclaextension.edu/courses/36536/assignments/601542>)
 - [Knowledge Quiz 32: Python WWW API](https://my.uclaextension.edu/courses/36536/assignments/601558) (<https://my.uclaextension.edu/courses/36536/assignments/601558>)
 - [Knowledge Quiz 33: String Pattern Matching](https://my.uclaextension.edu/courses/36536/assignments/601581) (<https://my.uclaextension.edu/courses/36536/assignments/601581>)
 - [Knowledge Quiz 34: Character Encodings and Strings](https://my.uclaextension.edu/courses/36536/assignments/601579) (<https://my.uclaextension.edu/courses/36536/assignments/601579>)
 - [Knowledge Quiz 35: Beautiful Soup](https://my.uclaextension.edu/courses/36536/assignments/601548) (<https://my.uclaextension.edu/courses/36536/assignments/601548>)

[Final Programming Assignment](https://my.uclaextension.edu/courses/36536/assignments/601600) (<https://my.uclaextension.edu/courses/36536/assignments/601600>) (due December 4)