Using Python to Interact with the Operating System
Google

∨ **Course Material**

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

∨ **Regular Expressions**

▶ **59 min** of videos left   ▦ **20 min** of readings left   ▤ **1** graded assessment left

In this module, you'll learn about what a regular expression is and why you would use one. We'll dive into the basics of regular expressions and give examples of wildcards, repetition qualifiers, escapare characters, and more. Next up, we'll explore...

∨ **Show Learning Objectives**

∨ **Regular Expressions**

▶ Intro to Module 3: Regular Expressions
Video • 1 min

▶ What are regular expressions?
Video • 2 min

▶ Why use regular expressions?
Video • 2 min

▶ Basic Matching with grep
Video • 5 min

▤ Practice Quiz: Regular Expressions
Practice Quiz • 5 questions

∨ **Basic Regular Expressions**

▶ Simple Matching in Python
Video • 4 min

▶ Wildcards and Character Classes
Video • 6 min

▶ Repetition Qualifiers
Video • 5 min

▶ Escaping Characters
Video • 4 min

▶ Regular Expressions in Action
Video • 5 min

▦ Regular Expressions Cheat-Sheet
Reading • 10 min

▤ Practice Quiz: Basic Regular Expressions
Practice Quiz • 6 questions

▣ When could you use regular expressions?
Discussion Prompt • 10 min

∨ **Advanced Regular Expressions**

▶ Capturing Groups
Video • 5 min

▶ More on Repetition Qualifiers
Video • 4 min

▶ Extracting a PID Using regexes in Python
Video • 4 min

▶ Splitting and Replacing
Video • 5 min

▦ Advanced Regular Expressions Cheat-Sheet
Reading • 10 min

▤ Practice Quiz: Advanced Regular Expressions
Practice Quiz • 5 questions

∨ **Module Review**   1 graded assessment left

▶ Module 3 Wrap Up: Regular Expressions
Video • 1 min

▣ Qwiklabs Assessment: Working with Regular Expressions
Due, May 14, 11:59 PM +08   Graded App Item • 1h 30m • Grade: --

▣ Share Your Experience
Discussion Prompt • 10 min