Top of Form



Bottom of Form

Top of Form



# Python 3: The Python Environment Lesson 4, Project 1

Handed in: 3 Jun 2015 06:42:30PM Graded: 4 Jun 2015 10:32:24PM

**Here are your instructions:**

Create a **Python3\_Homework04** project and assign it to your **Python3\_Homework** working set. In the **Python3\_Homework04/src** folder, create a program named **find\_regex.py** that takes the following text and finds the start and end positions of the phrase, "Regular Expressions."

Text to use in find\_regex.py:

In the 1950s, mathematician Stephen Cole Kleene described automata theory and formal language theory in a set of models using a notation called "regular sets" as a method to do pattern matching. Active usage of this system, called Regular Expressions, started in the 1960s and continued under such pioneers as David J. Farber, Ralph E. Griswold, Ivan P. Polonsky, Ken Thompson, and Henry Spencer.

Your project should meet the following conditions:

* Your code must return 231 as the start and 250 as the end.
* You must include a separate **test\_find\_regex.py** program that confirms that your code functions as instructed.

Submit **find\_regex.py** and **test\_find\_regex.py** when they are working to your satisfaction.

##### Your Comment:

Kirby,

I'm guessing the directions for this mean to search for "Regular Expressions" (with no punctuation)

rather than "Regular Expressions." (with a period) since there is no instance of

"Regular Expressions." in the text, only an instance of "Regular Expressions," (with the comma).

Including the comma in my search returns the incorrect ending position of the phrase.

-Jason

##### Items Handed In

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/147-6601-1/com.ost.jwoloson.147.6601.1.Python3_Homework04.zip)

### Overall Comments:

Excellent.

-Kirby

### Grade:

Great

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Bottom of Form