Top of Form



Bottom of Form

Top of Form



# Python 3: The Python Environment Lesson 6, Project 1

Handed in: 4 Jun 2015 03:20:57AM Graded: 4 Jun 2015 10:28:39PM

**Here are your instructions:**

Create a **Python3\_Homework06** project and assign it to your **Python3\_Homework** working set. In the **Python3\_Homework06/src** folder, create a program named **ccn\_safety2.py** that duplicates the **ccn\_safety.py** program's functionality, but uses a compiled regular expression to replace the credit card numbers in the paragraph with "CCN REMOVED FOR YOUR SAFETY". Use the following text as a sample:

Text to use in ccn\_safety2.py:

Have you ever noticed, in television and movies, that phone numbers and credit cards

are obviously fake numbers like 555-123-4567 or 5555-5555-5555-5555? It is because a

number that appears to be real, such as 1234-5678-1234-5678, triggers the attention of

privacy and security experts.

Your project should meet the following conditions:

* The program should return this text: "Have you ever noticed, in television and movies, that phone numbers and credit cards are obviously fake numbers like 555-123-4567 or CCN REMOVED FOR YOUR SAFETY? It is because a number that appears to be real, such as CCN REMOVED FOR YOUR SAFETY, triggers the attention of privacy and security experts." Note that phone numbers should not be replaced!
* You should include a **test\_ccn\_safety2.py** program in a separate file that confirms that your code functions as expected.
* You must use the re.VERBOSE flag to properly document each element of the pattern used to identify credit card numbers.

Submit **ccn\_safety2.py** and **test\_ccn\_safety2.py** when they are working to your satisfaction.

##### Your Comment:

*no comment given*

##### Items Handed In

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/147-6613-1/com.ost.jwoloson.147.6613.1.Python3_Homework06.zip)

### Overall Comments:

Good.

I'd bring all demo / test text over to the testing side for readability.

-Kirby

### Grade:

Great

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Bottom of Form