

CS3130
Lab Assignment #2

Date issued : February 4, 2015

Date Due : February 4, 2015

Write a Python program that will read a phone number with a three-digit area code, and seven-digit local code accepted as ten digits, or separated into blocks using hyphens or spaces, and with area code optionally enclosed in parentheses. If the number is entered according to the above description, your program will display the number in the form (XXX) XXX XXXX; otherwise it will flag an error. Program ends with blank line is entered.

The main screen should present a menu similar to the one shown below :

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Phone Number

Enter phone number: 1234

Sorry phone number needs exactly 10 digits

Enter phone number: 4031234567

Number is (403) 123 4567

Enter phone number: 403 123 4567

Number is (403) 123 4567

Enter phone number: 123 abc 3456

Characters other than digits, hyphens, space and parentheses detected

Enter phone number:

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Your program will be short so it should fit in one Python file, but functions must be documented. Any possible exceptions must be caught and handled appropriately.

Your final project must include a README file, python script file **Your project must also be uploaded to Github and the URL inserted in the README file that you will submit to me.**

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