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Course: CIT123 Programming in Lava53

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# Code

(Copy/pasted text from VS Code into MS Word. This is NOT a screen capture image.)

# Gabriel Solomon, 2020

import json

#

# this is a relative path to the .json data file

# you can also use a "full" or "absolute path" to the file

# windows and mac paths are different.  You should google and youttube to learn about paths if you are

# not familiar with them.  They are important fundamental computer concepts.

#

# this is a full windows path, note the forward slashes "/" used in python

# pathToFile = "E:/Users/jerome/GitHub/evc-cit134a-python/birthday/birthday.json"

#

# mac (which is built on linux) and linux paths are like this: "a/b/c/d/e/f.json"

#

# relative path

pathToFile = "C:/Users/d17hu/OneDrive/Documents/SJCC2022/Python/GitHub/SJCC2022\_Python/Assignment6/birthday.json"

# try to open a file and throw a error if it is not found

try:

    jsonFile = open(pathToFile, 'r')

except OSError:

    print("ERROR: Unable to open the file %s" % pathToFile)

# read the whole json file into a variable

birthdayList = json.load(jsonFile)

# create an empty dictionary

birthdayDictionary = {}

# loop json list of data and put each name and birthday into a dictionary

for elem in birthdayList:

    # fetch name and birthday

    name = elem["name"]

    birthday = elem["birthday"]

    #print("name = " + name)

    #print("birthday = " + birthday)

    birthdayDictionary[name] = birthday

# to print a value in the dictionary by giving it a string with the name as the key

#print("Jocelyn Jones's birthday is: " + birthdayDictionary["Jocelyn Jones"])

# to get user input

try:

    name = input("Enter a name:")

    print("name = " + name)

    print("birthday = " + birthdayDictionary[name])

except:

    name = False

    print("Lupe does not have any friends with the name.")

# Demo Video of software running

(Unlisted YouTube Video demo of your software running. Test your video prior to submission by asking someone you know to click on the link to test it or by using Chrome’s Incognito feature.)

<https://www.youtube.com/watch?v=qc0SkAnf5Yk>

# Image of GitHub Desktop History of Commits

(Screen capture image)

Graphical user interface, text

Description automatically generated