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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.)

```python
# 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/Assignm
ent6/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)

Current repository
SJCC2022_Python

Current branch
main

Fetch origin
Last fetched 1 minute ago

Changes | History

No branches to compare

**Fixed Message**
dahuyn • 1m

Error Message Added
dahuyn • 7m

First time imported
dahuyn • 20h

Update helloWorld.py
dahuyn • Feb 14, 2022

Added helloWorld and launch.json file
dahuyn • Feb 7, 2022

Initial commit
dahuyn • Feb 7, 2022

**Fixed Message**

dahuyn   -O- f0a82af   ± 1 changed file   +1   -5   ⚙ ▾   New

Fixed the Message for the input error
Cleaned up the code a bit

Assignment6\birthdayExample.py

```
                          @@ -48,14 +48,10 @@ for elem in birthdayList:
48    48      #print("Jocelyn Jones's birthday is: " + birthdayDictionary["J
              ocelyn Jones"])
49    49
50    50      # to get user input
51          -#name = input("Enter a name:")
52          -#print("name = " + name)
53          -#print("birthday = " + birthdayDictionary[name])
54          -
55    51      try:
56    52          name = input("Enter a name:")
57    53          print("name = " + name)
58    54          print("birthday = " + birthdayDictionary[name])
59    55      except:
60    56          name = False
61          -        print("Oops")⊘↵
      57   +        print("Lupe does not have any friends with the name.")⊘↵
```