data = {

"glossary": {

"title": "example glossary",

"GlossDiv": {

"title": "S",

"GlossList": {

"GlossEntry": {

"ID": "SGML",

"SortAs": "SGML",

"GlossTerm": "Standard Generalized Markup Language",

"Acronym": "SGML",

"Abbrev": "ISO 8879:1986",

"GlossDef": {

"para": "A meta-markup language, used to create markup languages such as DocBook.",

"GlossSeeAlso": ["GML", "XML"]

},

"GlossSee": "markup"

}

}

}

}

}

write a program to capture any filename from the keyboard and display its filename and extension seperately

Output:

Enter any filename: abc.py

filename : abc

extension: py

--------------------------------------------------------------------------------------------------------

write a program to capture some delimeted string from the keyboard and split the string with comma and display the length after splitting.

Output:

Enter any delimited string : python,perl,unix,scala,spark

List elements are : [ python , perl, unix,scala , spark ]

Length of the list : 5

--------------------------------------------------------------------------------------------------------

write a program for performing the below operaitons

1. define empty tuple

2. append "unix" to the tuple

3. append few more elements like 'spark', 'scala','hadoop',sccm' to the list

4 append few more elements likep 'c','cp','java','salesforce','sap','unix' to the list

5. remove java

6 remove salesforce -

7. add 'oracle' at the index 0

8. add ' mongodb' at the index 5

9. reverse all the elements

10. display the total. no. of elements of the list

11. display the total count of 'unix' in the list

--------------------------------------------------------------------------------------------------------

write a progam to capture filename from the keyboard and display the type of the file

if the filename is ending with .py .... display "Its python file"

if the filename is ending with .pl .... display "Its perl file"

If the filename is ending with .c ....... display "Its C lang file"

if the filename is ending with .json ... display "Its json file"

Enter any filename : info.py

Python file

--------------------------------------------------------------------------------------------------------

write a program to capture any string from the keyboard and perform the below

if the string is defined in uppercase...... convert the string to lower and display it

if the string is defined in lowercase ...... convert the string to upper and display it.

--------------------------------------------------------------------------------------------------------

write a program to validate the IP address

Enter any IP address : 192.168.0.1

Its valid IP

Enter any IP address : 1001.1.2.3

Invalid IP

--------------------------------------------------------------------------------------------------------

define some list as below

alist = ["google","oracle","microsoft"]

write a program to

add "http://www" at the beginning and

add ".com" at tht end of the string

Output:

http://www.google.com

http://www/.oracle.com

http://www.microsoft.com

-----------------------------------

write a program to display the below IP addresses

192.168.0.1

192.168.0.2

192.168.0.3

..

..

192.168.0.10

subip = "192.168.0."

for val in range(1,11):

ip = subip + str(val)

print(ip)

for val in range(1,11):

print("192.168.0." + str(val))

for val in range(1,11):

print("192.168.0.{}".format(val))

---------------------------------------------

write a program to display the below IP addresses

192.168.0.1

192.168.0.2

192.168.0.3

..

..

192.168.0.10

192.168.1.1

192.168.1.2

192.168.1.3

..

..

192.168.1.10

for val in range(0,2):

for item in range(1,11):

print("192.168.{}.{}".format(val,item))

-----------------------------------------------------

define a list below

colors = [

{

"colors": "red",

"values": "#f00"

},

{

"colors": "green",

"values": "#0f0"

},

{

"colors": "blue",

"values": "#00f"

},

{

"colors": "cyan",

"values": "#0ff"

},

{

"colors": "magenta",

"values": "#f0f"

},

{

"colors": "yellow",

"values": "#ff0"

},

{

"colors": "black",

"values": "#000"

}

]

write a program to display all the colors and its values.

red(#f00)

green(#0f0)

blue(#00f)

cyan(#0ff)

magenta(#f0f)

yellow(#ff0)

black(#000)

-------------------------------------------------------------------------------

define a dictionary as below

{

"id": "0001",

"type": "donut",

"name": "Cake",

"image":

{

"url": "images/0001.jpg",

"width": 200,

"height": 200

},

"thumbnail":

{

"url": "images/thumbnails/0001.jpg",

"width": 32,

"height": 32

}

}

write a program to display the below output:

id : 0001

type :donut

name : Cake

image.url : images/0001.jpg

image.width : 200

image.height : 200

thumbnail.url : "images/thumbnails/0001.jpg"

thumbnail.width : 32

thumbnail.height : 32

----------------------------------------------------------------

write a program to display all the files of the current directory

------------------------------------------------------------------------------------------------

------------------------------------------------------------------------------------------------

write a program to display ONLY .py files of your current directory

import os

for file in os.listdir():

if file.endswith(".py"):

print(file)

------------------------------------------------------------------------------------------------

write a program to display all the files and directories as below

files

-----

file1.py

file2.py

directories

------------

dir1

dir2

import os

filedir = []

listdir = []

for file in os.listdir():

if os.path.isfile(file):

filedir.append(file)

else:

listdir.append(file)

print("\*\*\*\*\* files \*\*\*\*\*\*")

for file in filedir:

print(file)

print("\*\*\*\*\*\* dirs \*\*\*\*\*\*\*")

for file in listdir:

print(file)

------------------------------------------------------------------------------------------------

write a program to display all the files and its size from the current directory

file1.py 10 bytes

file2.py 343 bytes

import os

for file in os.listdir():

print(file.ljust(15),os.path.getsize(file),"bytes")

------------------------------------------------------------------------------------------------

write a program to delete all .csv files in the current directory

import os

for file in os.listdir():

if file.endswith(".csv"):

os.unlink(file)

------------------------------------------------------------------------------------------------

write a program to create 10 directories as below

dir1

dir2

dir3

dir4

..

..

dir10

for val in range(1,11):

dirname = "dir" + str(val)

if not os.path.exists(dirname):

os.mkdir("dir" + str(val))

-------------------------------------------------------------------

write a program to display the below information

1. current working directory

2. current user name

3. current OS name

4. current version of python being used

5. path of python executable

6. today's timestamp

7. yesterday's date

9. tomorrow's date

10 this month calendar

11. calendar of the whole month

print(os.getcwd())

print(os.getlogin())

print(os.name)

print(sys.version)

print(sys.executable)

print(datetime.datetime.now())

today = date.today()

yesterday = today - timedelta(days = 1)

tomorrow = today + timedelta(days = 1)

print(today)

print(yesterday)

print(tomorrow)

print(calendar.calendar(2023)) #yesteerday

print(calendar.month(2023,2))

-----------------------------------------------------------

create 2 directories as below in the current directory

source : copy few files to the source folder

destination :

write a program to copy all the files from source to destination

import shutil

import os

source = "C:\\Users\\Administrator\\Desktop\\programs\\source\\"

destination = "C:\\Users\\Administrator\\Desktop\\programs\\destination\\"

curpath = os.getcwd()

for file in os.listdir(source):

print(file)

shutil.copy( source + file, destination)

-----------------------------------------------------------

https://techworldguru.com/assignment3\_solutions.txt

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https://github.com/giridhar276/boa20022023

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https://github.com/giridhar276/boa20022023/raw/main/pandas\_assignments.zip

https://github.com/giridhar276/boa20022023/raw/main/statistics.zip

https://github.com/giridhar276/boa20022023/raw/main/regression.zip

https://github.com/giridhar276/boa20022023/raw/main/AI%20for%20everyone.pdf

https://github.com/giridhar276/boa20022023/raw/main/datascience\_introduction.pdf

https://github.com/giridhar276/boa20022023/raw/main/logistic\_regression.zip

https://manisha-sirsat.blogspot.com/2019/04/confusion-matrix.html

https://github.com/giridhar276/boa20022023/raw/main/model\_selection.zip

https://github.com/giridhar276/boa20022023/raw/main/knn.zip

https://github.com/giridhar276/boa20022023/raw/main/decisiontree.zip

https://github.com/giridhar276/boa05122022/raw/main/deployment.zip

https://github.com/giridhar276/boa05122022/raw/main/deployment.zip

#################################################

Feedback link :

https://tcheck.co/2nX663

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PFB : Post test link for Adv Python training.

https://app.mymapit.in/code4/tiny/tjO180

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https://github.com/giridhar276/boa05122022/raw/main/deployment.zip