

IDLE_tmp_i_m5vk
, 09:44:00) [MSC v.1500 64 bit (AMD64)] on win32
sense()" for more information.

```
>>> ===== RESTART =====
>>>
```

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 48, in <module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in getDirValue

 realPath = not System.IO.Directory.Exists(path)

NameError: global name 'System' is not defined

```
>>> ===== RESTART =====
>>>
```

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 4, in <module>

 import System

ImportError: No module named System

```
>>> ===== RESTART =====
>>>
```

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 4, in <module>

 import system

ImportError: No module named system

```
>>> ===== RESTART =====
>>>
```

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 49, in <module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 37, in getDirValue

 realPath = not System.IO.Directory.Exists(path)

NameError: global name 'System' is not defined

```
>>> ===== RESTART =====
>>>
```

IDLE_tmp_i_m5vk

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 48, in
<module>
```

```
    getDirValue()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in
getDirValue
```

```
    realPath = not os.direxists(path)
```

```
AttributeError: 'module' object has no attribute 'direxists'
```

```
>>> ===== RESTART =====
>>>
```

```
Traceback (most recent call last):
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 48, in
<module>
```

```
    getDirValue()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in
getDirValue
```

```
    realPath = not os.path.isdir(path)
```

```
NameError: global name 'path' is not defined
```

```
>>> ===== RESTART =====
>>>
```

```
Traceback (most recent call last):
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 47, in
<module>
```

```
    getDirValue()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 38, in
getDirValue
```

```
    "Do Not include trailing slash: ")
```

```
TypeError: unsupported operand type(s) for /: 'str' and 'str'
```

```
>>> ===== RESTART =====
>>>
```

```
Traceback (most recent call last):
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 47, in
<module>
```

```
    getDirValue()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 38, in
getDirValue
```

```
    + "\nDo Not include trailing slash: ")
```

```
TypeError: bad operand type for unary +: 'str'
```

```
IDLE_tmp_i_m5vk
:= RESTART =====
```

Please Insert directory path that contains the Secret-Message folder
Do Not include trailing slash: ok them

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 47, in
<module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 38, in
getDirValue

 + "\nDo Not include trailing slash: ")

ValueError: invalid literal for int() with base 10: 'ok them'

```
>>> ===== RESTART =====
```

```
>>>
```

Please Insert directory path that contains the Secret-Message folder

Do Not include trailing slash:

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 47, in
<module>

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 47, in
<module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 38, in
getDirValue

 + "\nDo Not include trailing slash: ")

File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline

 line = self._line_buffer or self.shell.readline()

KeyboardInterrupt

```
>>> ===== RESTART =====
```

```
>>>
```

Please Insert directory path that contains the Secret-Message folder

Do Not include trailing slash: fdfff

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 47, in
<module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 39, in
getDirValue

 realPath = notos.path.isdir(userInput)



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```
IDLE_tmp_i_m5vk
not defined
== RESTART =====
>>>
Please Insert directory path that contains the Secret-Message folder
Do Not include trailing slash: dfgdf
Sorry, that was not understood please use directory path as input.
Please Insert directory path that contains the Secret-Message folder
Do Not include trailing slash: dfghdf
Sorry, that was not understood please use directory path as input.
Please Insert directory path that contains the Secret-Message folder
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret-Message
Please Insert directory path that contains the Secret-Message folder
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\Secret-Message
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
Secret-Message
pngLetters
Do Not include trailing slash: c:\
Sorry, that was not understood or the Secret-Message folder was not found try again.
c:\\Secret-Message
Please input the directory path that contains the 2 folders
Secret-Message
pngLetters
Do Not include trailing slash: c:
Sorry, that was not understood or the Secret-Message folder was not found try again.
c:\Secret-Message
Please input the directory path that contains the 2 folders
Secret-Message
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
>>> ===== RESTART =====
>>>
Your Secret Message can only contain Letters, Numbers, and Spaces
Please Enter Your Secret Message To Encrypt:@sdss
Invalid Character found in: @sdss
Your Secret Message can only contain Letters, Numbers, and Spaces
Please Enter Your Secret Message To Encrypt:#fsdd
Invalid Character found in: #fsdd
Your Secret Message can only contain Letters, Numbers, and Spaces
Please Enter Your Secret Message To Encrypt:ddd
Invalid Character found in: ddd
```

IDLE_tmp_i_m5vk
in Letters, Numbers, and Spaces
To Encrypt:ddd

Invalid Character found in: ddd
Your Secret Message can only contain Letters, Numbers, and Spaces
Please Enter Your Secret Message To Encrypt:ddd
Invalid Character found in: ddd
Your Secret Message can only contain Letters, Numbers, and Spaces
Please Enter Your Secret Message To Encrypt:

Traceback (most recent call last):
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 68, in <module>
 getSecretMessage()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 32, in getSecretMessage
 +"\n Please Enter Your Secret Message To Encrypt:")
File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline
 line = self._line_buffer or self.shell.readline()
KeyboardInterrupt
>>> ===== RESTART =====
>>>

Traceback (most recent call last):
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in <module>
 getSecretMessage()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 28, in getSecretMessage
 if(not x.isalpha() or not x.isdigit() or not x.isspace()) for x in
dataInputs["SecretMessage"]):
KeyError: 'SecretMessage'
>>> ===== RESTART =====
>>>
Invalid Character found in: @
Your Secret Message can only contain Letters, Numbers, and Spaces
Please Enter Your Secret Message To Encrypt:
>>> ===== RESTART =====
>>>

Traceback (most recent call last):
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in <module>
 getSecretMessage()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with

IDLE_tmp_i_m5vk

. Project/improvedEncryptRenamer.py", line 29, in

```

    if(not x.isalpha() or not x.isdigit() or not x.isspace() for x in
dataInputs["SecretMessage"]):

```

TypeError: 'NoneType' object is not iterable

>>> ===== RESTART =====

>>>

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:!

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:ksjdfsd

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:lsdfhfgls

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:kjsdf5

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:sd sd 5

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:

>>> ===== RESTART =====

>>>

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in
<module>

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 31, in
getSecretMessage

 dataInputs["SecretMessage"] = raw_input("\n Please Enter Your Secret Message To
Encrypt:")

File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline



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```
IDLE_tmp_i_m5vk
.f.shell.readline()
```

```
>>> ===== RESTART =====
>>>
```

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:sdfgdf
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:sdfgsdfg
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:dfh 5
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:%
Your Secret Message can only contain Letters, Numbers, and Spaces

```
Please Enter Your Secret Message To Encrypt:
>>> ===== RESTART =====
>>>
```

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:sdfgdf
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:sdfg
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:4564
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:!@#\$
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:

```
Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
```

IDLE_tmp_i_m5vk

. Project/improvedEncryptRenamer.py", line 69, in

```
getSecretMessage()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 31, in
getSecretMessage
    dataInputs["SecretMessage"] = raw_input("\n Please Enter Your Secret Message To
Encrypt:")
```

```
File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline
    line = self._line_buffer or self.shell.readline()
KeyboardInterrupt
```

```
>>> ===== RESTART =====
```

```
>>>
```

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:sdfsd

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:@#\$@#\$

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:asdsd

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:a

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:

```
>>> ===== RESTART =====
```

```
>>>
```

Ok the Secret Message is: @

```
>>> sdfkjdsfdfs
```

Traceback (most recent call last):

```
File "<pyshell#0>", line 1, in <module>
```

```
    sdfkjdsfdfs
```

NameError: name 'sdfkjdsfdfs' is not defined

```
>>> ===== RESTART =====
```

```
>>>
```

Ok the Secret Message is: !@\$@

```
>>> ===== RESTART =====
```

```
>>>
```

Ok the Secret Message is: !@\$@

```
>>> ===== RESTART =====
```


IDLE_tmp_i_m5vk

```
>>> ===== RESTART =====
>>>
Ok the Secret Message is: 12
>>> ===== RESTART =====
>>>
```

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in <module>

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 34, in getSecretMessage

 print("Ok the Secret Message is: " + dataInputs["SecretMessage"])

KeyError: 'SecretMessage'

```
>>> ===== RESTART =====
>>>
```

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in <module>

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 34, in getSecretMessage

 print("Ok the Secret Message is: " + dataInputs["SecretMessage"])

KeyError: 'SecretMessage'

```
>>> ===== RESTART =====
>>>
```

Ok the Secret Message is: 12

```
>>> ===== RESTART =====
>>>
```

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 70, in <module>

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 33, in getSecretMessage

 print(x)

NameError: global name 'x' is not defined

```
>>> ===== RESTART =====
>>>
```

IDLE_tmp_i_m5vk

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 70, in
<module>
```

```
    getSecretMessage()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 33, in
getSecretMessage
    print(x)
```

```
NameError: global name 'x' is not defined
```

```
>>> ===== RESTART =====
```

```
>>>
```

```
Traceback (most recent call last):
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in
<module>
```

```
    getSecretMessage()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 29, in
getSecretMessage
```

```
    if all(x.isalpha() for x in SecretMessage):
```

```
TypeError: 'NoneType' object is not iterable
```

```
>>> ===== RESTART =====
```

```
>>>
```

```
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:sdfsd
```

```
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:sdfsd
```

```
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:
```

```
>>> ===== RESTART =====
```

```
>>>
```

```
Traceback (most recent call last):
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in
<module>
```

```
    getSecretMessage()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 34, in
getSecretMessage
```

```
IDLE_tmp_i_m5vk
: " + SecretMessage)
and 'list' objects
>>> ===== RESTART =====
>>>
Ok the Secret Message is:
>>> ===== RESTART =====
>>>
Your Secret Message can only contain Letters, Numbers, and Spaces
```

Please Enter Your Secret Message To Encrypt:asdfas\$
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:asdfas1
Ok the Secret Message is: asdfas1
>>> ===== RESTART =====
>>>

```
Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in
<module>
    getSecretMessage()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 29, in
getSecretMessage
    if all(x.isalpha() or x.isspace() or x.isdigit()for x in SecretMessage) and
SecretMessage != '':
TypeError: 'NoneType' object is not iterable
>>> ===== RESTART =====
>>>
Your Secret Message can only contain Letters, Numbers, and Spaces
```

Please Enter Your Secret Message To Encrypt:
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:dfh
Ok the Secret Message is: dfh

IDLE_tmp_i_m5vk
:= RESTART =====

Please input the directory path that contains the 2 folders
pngLetters

Do Not include trailing slash:

>>> ===== RESTART =====
>>>

Please input the directory path that contains the 2 folders
pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 78, in
<module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 74, in
getDirValue

 pngLettersDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 60, in
pngLettersDirCheck

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 37, in
secretMessageDirCheck

 secretMessagePath = os.path.isdir(dataInputs["Secret-Message"])

KeyError: 'Secret-Message'

>>> ===== RESTART =====
>>>

Please input the directory path that contains the 2 folders
pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

IDLE_tmp_i_m5vk

lacity\Programming Foundations with Python\Lesson

1\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

IDLE_tmp_i_m5vk

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\Secret-Message
```

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\Secret-Message
```

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\Secret-Message
```

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\Secret-Message
```

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\Secret-Message
```

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\Secret-Message
```

Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

```
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1/Secret-Message

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Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 79, in <module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 75, in getDirValue

 pngLettersDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 61, in pngLettersDirCheck

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in secretMessageDirCheck

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File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 39, in
secretMessageDirCheck
    print("Sorry, the Secret-Message folder has already been created please rename
or move it and try again.\n")
File "C:\Python27\lib\idlelib\PyShell.py", line 1356, in write
    return self.shell.write(s, self.tags)
KeyboardInterrupt
>>>
KeyboardInterrupt
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Sorry, the Secret-Message folder has already been created please rename or move it
and try again.

```

IDLE_tmp_i_m5vk

lacity\Programming Foundations with Python\Lesson

1\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Sorry, the Secret-Message folder has already been created please rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\Secret-Message

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 79, in <module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 75, in getDirValue

 pngLettersDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 61, in pngLettersDirCheck

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in secretMessageDirCheck

IDLE_tmp_i_m5vk

```

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 50, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 50, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 50, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 50, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 50, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 41, in
secretMessageDirCheck
    waitForUserAndTryAgain()

```

IDLE_tmp_i_m5vk
python/Udacity/Programming Foundations with
Project/improvedEncryptRenamer.py", line 48, in

```
waitForUserAndTryAgain
    except whatever_it_is:
NameError: global name 'whatever_it_is' is not defined
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Sorry, the Secret-Message folder has already been created please rename or move it
and try again.
```

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\Secret-Message
Your Secret Message can only contain Letters, Numbers, and Spaces

```
Please Enter Your Secret Message To Encrypt:coole
Ok the Secret Message is: coole
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:Ok Then
Ok the Secret Message is: Ok Then
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters, Numbers, and Spaces
```

IDLE_tmp_i_m5vk
To Encrypt:sdfsdfs

```
>>> ===== RESTART =====  
>>>
```

```
Please input the directory path that contains the 2 folders  
pngLetters  
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming  
Foundations with Python\Lesson 1\Secret Message Mini Project  
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:asdfvsd  
Ok the Secret Message is: asdfvsd
```

```
>>> ===== RESTART =====  
>>>
```

```
Please input the directory path that contains the 2 folders  
pngLetters  
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming  
Foundations with Python\Lesson 1\Secret Message Mini Project  
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:sfdgfd  
Ok the Secret Message is: sfdgfd  
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\My-Secret-Message  
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:dfsdf  
Ok the Secret Message is: dfsdf  
Sorry, the My-Secret-Message folder has already been created please delete, rename  
or move it and try again.
```

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\My-Secret-Message  
Sorry, the My-Secret-Message folder has already been created please delete, rename  
or move it and try again.
```

```
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\My-Secret-Message  
C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson  
1\Secret Message Mini Project\My-Secret-Message  
Your Secret Message can only contain Letters, Numbers, and Spaces
```

```
Please Enter Your Secret Message To Encrypt:wtf  
Ok the Secret Message is: wtf  
Sorry, the My-Secret-Message folder has already been created please delete, rename
```

IDLE_tmp_i_m5vk

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\My-Secret-Message

Sorry, the My-Secret-Message folder has already been created please delete, rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\My-Secret-Message

Sorry, the My-Secret-Message folder has already been created please delete, rename or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\Secret Message Mini Project\My-Secret-Message

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 93, in <module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 89, in getDirValue

 pngLettersDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 75, in pngLettersDirCheck

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in getSecretMessage

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 45, in secretMessageDirCheck

 make_sure_path_exists(dataInputs["My-Secret-Message"])(())

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 64, in make_sure_path_exists

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in getSecretMessage

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 43, in secretMessageDirCheck

 waitForUserAndTryAgain()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with

```

IDLE_tmp_i_m5vk
. Project/improvedEncryptRenamer.py", line 54, in
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 43, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 54, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 45, in
secretMessageDirCheck
    make_sure_path_exists(dataInputs["My-Secret-Message"])(())
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 64, in
make_sure_path_exists
    getSecretMessage()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in
getSecretMessage
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 43, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 54, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 43, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 54, in
waitForUserAndTryAgain
    secretMessageDirCheck()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 43, in
secretMessageDirCheck
    waitForUserAndTryAgain()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 52, in
waitForUserAndTryAgain
    except whatever_it_is:
NameError: global name 'whatever_it_is' is not defined
>>> ===== RESTART =====

```

IDLE_tmp_i_m5vk

Please Enter the directory path that contains the 2 folders
pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project

Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt: xgdsf

Ok the Secret Message is: xgdsf

Sorry, the My-Secret-Message folder has already been created please delete, rename
or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\My-Secret-Message

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\My-Secret-Message

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 92, in
<module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 88, in
getDirValue

 pngLettersDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 74, in
pngLettersDirCheck

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in
getSecretMessage

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 43, in
secretMessageDirCheck

 waitForUserAndTryAgain()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 54, in
waitForUserAndTryAgain

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 45, in
secretMessageDirCheck

 make_sure_path_exists(dataInputs["My-Secret-Message"])(())

TypeError: 'NoneType' object is not callable

>>> ===== RESTART =====

IDLE_tmp_i_m5vk

Please input the directory path that contains the 2 folders
pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:sdfgdf dfg dd
Ok the Secret Message is: sdfgdf dfg dd

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\My-Secret-Message

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 92, in
<module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 88, in
getDirValue

 pngLettersDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 74, in
pngLettersDirCheck

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 36, in
getSecretMessage

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 45, in
secretMessageDirCheck

 make_sure_path_exists(dataInputs["My-Secret-Message"])(())

TypeError: 'NoneType' object is not callable

>>> ===== RESTART =====

>>>

Please input the directory path that contains the 2 folders

pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:ok skdhkajsdfds sd 34

Ok the Secret Message is: ok skdhkajsdfds sd 34

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
1\Secret Message Mini Project\My-Secret-Message

>>> ===== RESTART =====

IDLE_tmp_i_m5vk

Please input the directory path that contains the 2 folders
pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:dfgdf
Ok the Secret Message is: dfgdf

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 88, in
<module>

 getDirValue()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 84, in
getDirValue

 pngLettersDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 70, in
pngLettersDirCheck

 getSecretMessage()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 31, in
getSecretMessage

 secretMessageDirCheck()

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 40, in
secretMessageDirCheck

 make_sure_path_exists(dataInputs["My-Secret-Message"])

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 53, in
make_sure_path_exists

 print(SecretMessage)

NameError: global name 'SecretMessage' is not defined

>>> ===== RESTART =====

>>>

Please input the directory path that contains the 2 folders
pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters, Numbers, and Spaces

Please Enter Your Secret Message To Encrypt:skdsd
Ok the Secret Message is: skdsd

IDLE_tmp_i_m5vk

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 98, in
<module>
    getDirValue()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 94, in
getDirValue
    pngLettersDirCheck()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 80, in
pngLettersDirCheck
    getSecretMessage()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 42, in
getSecretMessage
    secretMessageDirCheck()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 51, in
secretMessageDirCheck
    make_sure_path_exists(dataInputs["My-Secret-Message"])
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 69, in
make_sure_path_exists
    encryptDirFileNames()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 20, in
encryptDirFileNames
    os.rename(file_name, fLetters + file_name)
NameError: global name 'file_name' is not defined
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project

Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 99, in
<module>
    getDirValue()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 95, in
getDirValue
    pngLettersDirCheck()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 81, in
pngLettersDirCheck
```

IDLE_tmp_i_m5vk

python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 30, in
pngLettersValidation

raise ValueError("pngLetters"+os.sep+"space.png does not exist please make sure
you have all required png files (0.png-9.png)")

ValueError: pngLetters\space.png does not exist please make sure you have all
required png files (0.png-9.png)

>>> random.randint(1, 9)

8

>>> random.randint("1", "14")

Traceback (most recent call last):

File "<pyshell#2>", line 1, in <module>

random.randint("1", "14")

File "C:\Python27\lib\random.py", line 242, in randint

return self.randrange(a, b+1)

TypeError: cannot concatenate 'str' and 'int' objects

>>> random.randint(0 2)

SyntaxError: invalid syntax

>>> random.randint(0, 2)

0

>>> fLetters = "asdfs9dgdgertuybv"

>>> fLetters = fLetters[:numLocation] + 9 + fLetters[numLocation:]

Traceback (most recent call last):

File "<pyshell#6>", line 1, in <module>

fLetters = fLetters[:numLocation] + 9 + fLetters[numLocation:]

NameError: name 'numLocation' is not defined

>>> fLetters = fLetters[:5] + 9 + fLetters[5:]

Traceback (most recent call last):

File "<pyshell#7>", line 1, in <module>

fLetters = fLetters[:5] + 9 + fLetters[5:]

TypeError: cannot concatenate 'str' and 'int' objects

>>> fLetters = fLetters[:5] + str(9) + fLetters[5:]

>>> fLetters

'asdfs9dgdgertuybv'

>>> ===== RESTART =====

>>>

Please input the directory path that contains the 2 folders

pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project

Traceback (most recent call last):

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with

Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 102, in
<module>

IDLE_tmp_i_m5vk

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 98, in
getDirValue
    pngLettersDirCheck()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 84, in
pngLettersDirCheck
    pngLettersValidation()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 33, in
pngLettersValidation
    raise ValueError("pngLetters"+os.sep+"space.png does not exist please make sure
you have all required png file (space.png)")
ValueError: pngLetters\space.png does not exist please make sure you have all
required png file (space.png)
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters and Spaces
```

Please Enter Your Secret Message To Encrypt: These Dogs Will Not Leave Me Alone long
enough to think
Ok the Secret Message is: These Dogs Will Not Leave Me Alone long enough to think

```
Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 100, in
<module>
    getDirValue()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 98, in
getDirValue
    pngLettersDirCheck()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 84, in
pngLettersDirCheck
    pngLettersValidation()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 34, in
pngLettersValidation
    getSecretMessage()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 46, in
getSecretMessage
```



IDLE_tmp_i_m5vk

```

File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 55, in
secretMessageDirCheck
    make_sure_path_exists(dataInputs["My-Secret-Message"])
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 73, in
make_sure_path_exists
    encryptDirFileNames()
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 19, in
encryptDirFileNames
    fLetters = fLetters + random.choice(string.ascii_uppercase)
UnboundLocalError: local variable 'fLetters' referenced before assignment
>>> C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\Secret Message Mini Project
KeyboardInterrupt
>>> ===== RESTART =====
>>>
Please input the directory path that contains the 2 folders
pngLetters
Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
Foundations with Python\Lesson 1\Secret Message Mini Project
Your Secret Message can only contain Letters and Spaces

```

Please Enter Your Secret Message To Encrypt:Hard to Work While the Dogs keep trying
to play
Ok the Secret Message is: Hard to Work While the Dogs keep trying to play

```

Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 101, in
<module>
    getDirValue()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 99, in
getDirValue
    pngLettersDirCheck()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 85, in
pngLettersDirCheck
    pngLettersValidation()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 35, in
pngLettersValidation
    getSecretMessage()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 47, in

```

IDLE_tmp_i_m5vk

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 56, in
secretMessageDirCheck
```

```
    make_sure_path_exists(dataInputs["My-Secret-Message"])
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 74, in
make_sure_path_exists
```

```
    encryptDirFileNames()
```

```
File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/Secret Message Mini Project/improvedEncryptRenamer.py", line 20, in
encryptDirFileNames
```

```
    fLetters = fLetters + random.choice(string.ascii_uppercase)
```

```
UnboundLocalError: local variable 'fLetters' referenced before assignment
```

```
>>> ===== RESTART =====
```

```
>>>
```

Please input the directory path that contains the 2 folders

pngLetters

Do Not include trailing slash: C:\Users\William\Projects\python\Udacity\Programming
 Foundations with Python\Lesson 1\Secret Message Mini Project

Your Secret Message can only contain Letters and Spaces

Please Enter Your Secret Message To Encrypt:With the dogs trying to play all the
 time it hard to concentrate

Ok the Secret Message is: With the dogs trying to play all the time it hard to
 concentrate

Sorry, the My-Secret-Message folder has already been created please delete, rename
 or move it and try again.

C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson
 1\Secret Message Mini Project\My-Secret-Message

```
>>>
```