11_1_Directory_File_test

May 15, 2019

0.1 Directory_File

In [ ]:

In [ ]:
```
# os.path.getsize - image size - byte

    from os.path import getsize

    file1 = 'stockcode.txt'
    file2 = 'img_sample.jpg'
    file_size1 = getsize(file1)
    file_size2 = getsize(file2)

    print('File Name: %s \tFile Size: %d' %(file1, file_size1))
    print('File Name: %s \tFile Size: %d' %(file2, file_size2))
```

In [ ]:
```
# os.remove

    from os import remove

    target_file = 'stockcode_copy.txt'
    k = input('[%s] really remove file? (y/n)' %target_file)
    if k == 'y':
       remove(target_file)
       print('[%s]file removed.' %target_file)
```

In [ ]:
```
from os import rename

    target_file = 'stockcode2.txt'
    newname = input('[%s] new_file_name?? ' %target_file)
    rename(target_file, newname)
    print('[%s] -> [%s] file name changed' %(target_file, newname))
```

In [ ]:
```
from os import rename

    target_file = 'stockcode1'
    newpath = input('[%s] new directory path ' %target_file)
```

```
        if newpath[-1] == '/':
            newname = newpath + target_file
        else:
            newname = newpath + '/' + target_file

        try:
            rename(target_file, newname)
            print('[%s] -> [%s] changed' %(target_file, newname))
        except FileNotFoundError as e:
            print(e)
```

In [ ]:
```
import os, glob

folder = 'C:\\Users\\User'
file_list = os.listdir(folder)
print(file_list)

files = '*.txt'
file_list = glob.glob(files)
print(file_list)
```

In [ ]:
```
import os

pdir = os.getcwd(); print(pdir)
os.chdir('..'); print(os.getcwd())
os.chdir(pdir); print(os.getcwd())
```

In [ ]:
```
import os

newfolder = input('new dir name? ')
try:
    os.mkdir(newfolder)
    print('[%s] new dir created' %newfolder)
except Exception as e:
    print(e)
```

In [ ]:
```
import os

target_folder = 'testfolder'
k = input('[%s] really remove dir?? (y/n)' %target_folder)
if k == 'y':
    try:
        os.rmdir(target_folder)
        print('[%s] dir removed' %target_folder)
    except Exception as e:
        print(e)
```

In [ ]:
```
import os
from os.path import exists
```

```
        dir_name = input('new dir name : ')
        if not exists(dir_name):
            os.mkdir(dir_name)
            print('[%s] new dir created' %dir_name)
        else:
            print('[%s] dir already exists' %dir_name)
```

In [ ]:
```
        import os
        from os.path import exists, isdir, isfile

        files = os.listdir()
        for file in files:
            if isdir(file):
                print('DIR: %s' %file)

        for file in files:
            if isfile(file):
                print('FILE: %s' %file)
```

In [ ]: