

```
In [6]: import numpy as np
import matplotlib.pyplot as plt
from PIL import Image
import glob
import os
```

```
In [7]: help (os)
```

Help on module os:

NAME

os - OS routines for NT or Posix depending on what system we're on.

DESCRIPTION

This exports:

- all functions from posix or nt, e.g. unlink, stat, etc.
- os.path is either posixpath or ntpath
- os.name is either 'posix' or 'nt'
- os.curdir is a string representing the current directory (always '.')
- os.pardir is a string representing the parent directory (always '..')
- os.sep is the (or a most common) pathname separator ('/' or '\\')
- os.extsep is the extension separator (always '.')
- os.altsep is the alternate pathname separator (None or '/')
- os.pathsep is the component separator used in \$PATH etc
- os.linesep is the line separator in text files ('\r' or '\n' or '\r\n')
- os.defpath is the default search path for executables

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In [8]: os.getcwd()
```

```
Out[8]: 'C:\\Users\\BrighterDays CodeLab'
```

```
In [10]: path = "\\Users\\BrighterDays CodeLab\\Pictures\\Saved Pictures"
```

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In [11]: os.chdir(path)
```

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In [13]: os.getcwd()
```

```
Out[13]: 'C:\\Users\\BrighterDays CodeLab\\Pictures\\Saved Pictures'
```

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In [ ]:
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In [14]: os.mkdir("images")
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In [16]: os.listdir()
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Out[16]: ['desktop.ini', 'images']
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In [17]: img_org = []
img_crop = []
```

```
In [20]: for files in glob.glob(path):  
         img = Image.open(files)  
         pic_org.append(img)
```

```
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PermissionError                                Traceback (most recent call last)  
<ipython-input-20-60a119c63975> in <module>  
      1 for files in glob.glob(path):  
----> 2     img = Image.open(files)  
      3     pic_org.append(img)  
  
~\Anaconda3\lib\site-packages\PIL\Image.py in open(fp, mode)  
    2807  
    2808     if filename:  
-> 2809         fp = builtins.open(filename, "rb")  
    2810         exclusive_fp = True  
    2811  
  
PermissionError: [Errno 13] Permission denied: '\\Users\\BrighterDays CodeLab  
\\Pictures\\Saved Pictures'
```

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In [ ]:
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In [ ]:
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In [ ]:
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In [ ]:
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In [ ]: import pandas as pd
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