

In [45]:

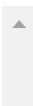


```

1 import numpy as np
2 import os
3 import matplotlib.image
4 import matplotlib.pyplot as plt #1
5 from PIL import Image
6
7 def plti(im, h=8, **kwargs):
8     """
9     Helper function to plot an image.
10    """
11    y = im.shape[0]
12    x = im.shape[1]
13    w = (y/x) * h
14    plt.figure(figsize=(w,h))
15    plt.imshow(im, interpolation="none", **kwargs)
16    plt.axis('off')
17
18 %matplotlib inline
19
20
21
22 rootDir = 'photos'
23 for dirName, subdirList, fileList in os.walk(rootDir):
24     print('Found directory: %s' % dirName)
25     for fname in fileList:
26         print('\t%s' % fname)
27         print('Found directory: %s' % dirName)
28
29 src_dir = r"C:\Users\Danial\photos"
30 dst_dir = r"C:\Users\Danial\photos"
31
32 for jpgfile in glob.iglob(os.path.join(src_dir, "*.jpg")):
33     shutil.copy(jpgfile, dst_dir)
34
35
36 a = np.array([[plt.imread("a.jpg"), plt.imread("b.jpg"), plt.imread("c.jpg")],
37               [plt.imread("d.jpg"), plt.imread("e.jpg"), plt.imread("f.jpg")],
38               [plt.imread("g.jpg"), plt.imread("h.jpg"), plt.imread("i.jpg")],
39               [plt.imread("j.jpg"), plt.imread("k.jpg"), plt.imread("l.jpg")],
40               [plt.imread("m.jpg"), plt.imread("n.jpg"), plt.imread("o.jpg")],
41               [plt.imread("p.jpg"), plt.imread("q.jpg"), plt.imread("r.jpg")],
42               [plt.imread("s.jpg"), plt.imread("t.jpg")]])
43
44
45 #im = plt.imread("C:\Users\Danial\photos\a.jpg")
46
47 print(type(im))
48 plti(im)
49 print( im.shape )
50
51
52 im = im[0:200,0:200,:3]
53 plti(im)
54 print( im.shape )
55

```

Found directory: photos
a.jpg



```

Found directory: photos
    b.jpg
Found directory: photos
    c.jpg
Found directory: photos
    d.jpg
Found directory: photos
    e.jpg
Found directory: photos
    f.jpg
Found directory: photos
    g.jpg
Found directory: photos
    h.jpg
Found directory: photos
    i.jpg
Found directory: photos
    j.jpg
Found directory: photos
    k.jpg
Found directory: photos
    l.jpg
Found directory: photos
    m.jpg
Found directory: photos
    n.jpg
Found directory: photos
    o.jpg
Found directory: photos
    p.jpg
Found directory: photos
    q.jpg
Found directory: photos
    r.jpg
Found directory: photos
    s.jpg
Found directory: photos
    t.jpg
Found directory: photos
    u.jpg
Found directory: photos

```

```

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-
SameFileError                                Traceback (most recent call last)
<ipython-input-45-44006e2f8dd5> in <module>
    31
    32 for jpgfile in glob.iglob(os.path.join(src_dir, "*.jpg")):
--> 33     shutil.copy(jpgfile, dst_dir)
    34
    35

~\Anaconda3\lib\shutil.py in copy(src, dst, follow_symlinks)
    239     if os.path.isdir(dst):
    240         dst = os.path.join(dst, os.path.basename(src))
--> 241     copyfile(src, dst, follow_symlinks=follow_symlinks)
    242     copymode(src, dst, follow_symlinks=follow_symlinks)
    243     return dst

~\Anaconda3\lib\shutil.py in copyfile(src, dst, follow_symlinks)

```

```
102     """
103     if _samefile(src, dst):
--> 104         raise SameFileError("{!r} and {!r} are the same file".form
at(src, dst))
105
106     for fn in [src, dst]:
```

SameFileError: 'C:\\Users\\Daniyal\\photos\\a.jpg' and 'C:\\Users\\Daniyal\\photos\\a.jpg' are the same file

In []:



1