# 2018.05.13python作业

1.

from PIL import Image

im = Image.open('C:\\117\\云.jpg')

r, g, b = im.split()

newr = r.point(lambda i: i\*0.1)

om = Image.merge("RGB",(b, g, r))

om.save(1.jpg')

2.

from PIL import Image

im = Image.open('C:\\1\\1.jpg')

r, g, b = im.split()

newr = r.point(lambda i:i\*0.8)

newb = b.point(lambda i:i\*0.5)

newg = g.point(lambda i:i<120)

om = Image.merge(im.mode,(newr,newb,newg))

om.save('测试2.jpg')

3.

import keyword

s = keyword.kwlist

n = input("输入一个文件名:")

f = open(n,"r").readlines()

ls = []

for i in f:

i = i.split

ls.append(i)

fo = open(n,"w+")

for i in range(len(ls)):

if f[i].isspace():

fo.write(" "+"\n")

for j in range(len(ls[i])):

x = ls[i][j]

if x not in s:

x = x.upper()

else:

x = x.lower()

if x == ls[i][len(ls[i])-1]:

fo.write(x+"\n")

else:

fo.write(x+" ")

4.

from PIL import Image

im = Image.open('C:\\117\\大山.jpg')

im.size

im\_resize = im.resize((200,200))

im\_resize0 = im.resize((200,200), Image.BILINEAR)

im\_resize0.size

im\_resize1 = im.resize((200,200), Image.BICUBIC)

im\_resize2 = im.resize((200,200), Image.ANTIALIAS)

5

from PIL import Image

im = Image.open('C:\\117\\山神.jpg')

r, g, b = im.split()

newr = r.point(lambda i:i\*0.8)

newb = b.point(lambda i:i\*0.5)

newg = g.point(lambda i:i<120)

om = Image.merge(im.mode,(newr,newb,newg))

om.save('题5.jpg')