Python基础 第七天作业

1. 文件作业

代码：

import os  
# os.mkdir('test')  
# os.chdir('test')  
# qytang1 = open('qytang1','w')  
# qytang1.write('test file\n')  
# qytang1.write('this is qytang\n')  
# qytang1.close()  
# qytang2 = open('qytang2','w')  
# qytang2.write('test file\n')  
# qytang2.write('qytang python\n')  
# qytang2.close()  
# qytang3 = open('qytang3','w')  
# qytang3.write('test file\n')  
# qytang3.write('this is python\n')  
# qytang3.close()  
# os.mkdir('qytang4')  
# os.mkdir('qytang5')  
print('文件夹包含"qytang"关键字的文件为：')  
print('方案一:')  
list1 = []  
  
os.chdir('test')  
for f in os.listdir(os.getcwd()):  
 if os.path.isfile(f):  
 for line in open(f,encoding='UTF8'):  
 if 'qytang' in line:  
 list1.append(f)  
  
for i in list1:  
 print(i)  
print('方案二：')  
list2 = []  
list3 = []  
for root,dirs,files in os.walk(os.getcwd()):  
 # print(files)  
 if 'qytang1' in files:  
 list2.append(files)  
  
for i in list2[0]:  
 for line in open(i):  
 if 'qytang' in line:  
 list3.append(i)  
  
for i in list3:  
 print(i)  
  
os.chdir('..')  
for root,dirs,files in os.walk('test',topdown=False):  
 for name in files:  
 os.remove(os.path.join(root,name))  
 for name in dirs:  
 os.rmdir(os.path.join(root,name))  
os.removedirs('test')

运行结果：

