# 作业1

源代码：

import os

file\_name1 = input("输入第一个文件的名字")

file\_name2 = input("输入第二个文件的名字")

while not os.path.isfile(file\_name1):

file\_name1 = input("输入第一个文件的名字")

while not os.path.isfile(file\_name2):

file\_name2 = input("输入第二个文件的名字")

first\_file = open(file\_name1,"r")

second\_file = open(file\_name2,"r")

content1 = ''

for line\_str1 in first\_file:

content1+=(line\_str1)

print(content1)

content2 = ''

for line\_str2 in second\_file:

content2+=line\_str2

print(content2)

first\_file.close()

second\_file.close()

first\_file = open(file\_name1,"w")

second\_file = open(file\_name2,"w")

first\_file.write(content2)

second\_file.write(content1)

first\_file.close()

second\_file.close()

# 作业2

源代码：

file1 = open("222.txt","r")

#使指针移到第二行

file1.readline()

#The definiton of a word is must include more than three letters and less than 7 letters

line\_number = 2

for line\_str in file1:

cont = 0

line\_word\_list = line\_str.split()

for word in line\_word\_list:

if 3<=len(word)<=7:

cont+=1

print(line\_number,line\_str+'总共包含的单词数为',cont)

line\_number += 1

# 作业3

源代码：

import copy

Given\_x = [1,2,3]

copylist\_x = copy.copy(Given\_x)

#不可变的y列表

immutable\_y = copy.copy(Given\_x)

#可变列表y

mutable\_y = Given\_x

print("原可变列表y是",mutable\_y)

print("原不可变y列表是",immutable\_y)

#改变x列表的其中一个值

Given\_x[1] = 5

print("改变了x列表中的一个值")

print("现不可变y列表是",immutable\_y)

print("现可变y列表是",mutable\_y)

# 作业4

源代码：

#全部为整数类型的

Given\_list\_int = [1,2,3,4]

#将元素全部换成字符串类型，否则无法连接

Given\_list\_str = []

for i in Given\_list\_int:

Given\_list\_str.append(str(i))

string\_list = ''.join(Given\_list\_str)

print(string\_list)