Ex20:

这节主要是学会了用函数处理文件，同时学会seek函数

其他的也没什么特别的，主要点写在注释中了

源代码：

from sys import argv

script, input\_file = argv # 设置了输入文件

def print\_all(f): # 函数包含一个名为f的形参

print(f.read()) # 读取并打印f

def rewind(f): # 定义了一个倒带函数

f.seek(0) # 将读写位置调回文件开头

def print\_a\_line(line\_count, f): # line\_count用来记录当前行数

print(line\_count, f.readline()) # 包括打印当前行数，打印文件本行并将光标移动至下一行

current\_file = open(input\_file) # 打开文件

print("First let's print the whole file:\n")

print\_all(current\_file) # 调用函数

print("Now let's rewind, kind of like a tape.")

rewind(current\_file) # 因为前面调用函数读取了整个文件，现在需要将读写位置调回开头

print("Let's print three lines:")

current\_line = 1 # 全局变量

print\_a\_line(current\_line, current\_file)

current\_line = current\_line + 1 # 自加1

print\_a\_line(current\_line, current\_file)

current\_line = current\_line + 1

print\_a\_line(current\_line, current\_file)

修改后：

print("Please input the file-name")

input\_file = input(">")

current\_file = open(input\_file)

current\_line = 1

def print\_all(f):

print(f.read())

def rewind(f):

f.seek(0)

def print\_a\_line(line\_count, f):

print(line\_count, f.readline())

print("First let's print the whole file:\n")

print\_all(current\_file)

print("Now let's rewind, kind of like a type.\n")

rewind(current\_file)

print("Let's print three lines:\n")

print\_a\_line(current\_line, current\_file)

current\_line +=1

print\_a\_line(current\_line, current\_file)

current\_line +=1

print\_a\_line(current\_line, current\_file)