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PYTHON 课程16：读和写文件

类别 PYTHON学习

[**本文内容主要来自**](https://learnpythonthehardway.org/book/ex9.html)[**LEARN PYTHON THE HARD WAY**](https://learnpythonthehardway.org/book/index.html)

**主要内容**

今天练习了文本文件的打开、清除、写入、保存并关闭文件等操作，用到了以下几个方法：open/truncate/write/close。

**练习如下：**

from sys import argv

script,filename = argv

print ("We're going to erase %r." % filename)

print ("If you don't want that, hit CTRL-C (^C).")

print ("If you do want that, hit RETURN.")

input ("?")

print ("Opening the file...")

target = open(filename,'w') #此处要注意允许写入

#target = open(filename)

print ("Truncating the file. Goodbye!")

target.truncate() #此处删除打开的文件的内容

print ("Now I'm going to ask you for three lines.")

line1 = input("line 1:")

line2 = input("line 2:")

line3 = input("line 3:")

print ("I'm going write these to the file.")

#写入之前输入的文本

target.write('%s\n%s\n%s\n' % (line1,line2,line3))

#target.write("\n") #加入换行

#target.write(line2)

#target.write("\n")

#target.write(line3)

#target.write("\n")

print ("And finally, we close it.")

target.close() #保存并关闭文件

**输出如下：**

此程序在运行前需要输入除文件名外还需要输入需要的参数哦，在语句中指定了几个argv，运行前就需要输入几个参数。

We're going to erase 'ex15\_sample.txt'.

If you don't want that, hit CTRL-C (^C).

If you do want that, hit RETURN.

?

Opening the file...

Truncating the file. Goodbye!

Now I'm going to ask you for three lines.

line 1:ONE

line 2:TWO

line 3:THREE

I'm going write these to the file.

And finally, we close it.

**错误记录：**

在写括号时写成了中文符号。要注意检查！

**疑问：**

在使用write()写入文件时，要一次写入多行，中间可以使用\n换行；要一次写入多个变量值，要使用格式转换。

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