**Feedback — Week 7 Quiz** [**Help**](https://class.coursera.org/pythonlearn-003/help/quizzes?url=https%3A%2F%2Fclass.coursera.org%2Fpythonlearn-003%2Fquiz%2Ffeedback%3Fsubmission_id%3D119135)

You submitted this quiz on **Fri 14 Nov 2014 12:32 AM PST**. You got a score of **10.00** out of **10.00**.

Top of Form

**Question 1**

Given the architecture and terminology we introduced in Chapter 1, where are files stored?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Central Processor |  |  |  |
| Machine Language |  |  |  |
| Motherboard |  |  |  |
| Secondary memory | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 2**

What is stored in a "file handle" that is returned from a successful **open()** call?

|  |  |  |  |
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| **Your Answer** |  | **Score** | **Explanation** |
| The handle has a list of all of the files in a particular folder on the hard drive |  |  |  |
| The handle contains the first 10 lines of a file |  |  |  |
| The handle is a connection to the file's data | Correct | 1.00 |  |
| All the data from the file is read into memory and stored in the handle |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 3**

What do we use the second parameter of the **open()** call to indicate?

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| **Your Answer** |  | **Score** | **Explanation** |
| The list of folders to be searched to find the file we want to open |  |  |  |
| How large we expect the file to be |  |  |  |
| What disk drive the file is stored on |  |  |  |
| Whether we want to read data from the file or write data to the file | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 4**

What Python function would you use if you wanted to prompt the user for a file name to open?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| read() |  |  |  |
| gets() |  |  |  |
| raw\_input() | Correct | 1.00 |  |
| file\_input() |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 5**

What is the purpose of the newline character in text files?

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| **Your Answer** |  | **Score** | **Explanation** |
| It enables random movement throughout the file |  |  |  |
| It indicates the end of one line of text and the beginning of another line of text | Correct | 1.00 |  |
| It allows us to open more than one files and read them in a synchronized manner |  |  |  |
| It adds a new network connection to retrieve files from the network |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 6**

If we open a file as follows:

xfile = open('mbox.txt')

What statement would we use to read the file one line at a time?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| while ( getline (xfile,line) ) { |  |  |  |
| READ xfile INTO LINE |  |  |  |
| for line in xfile: | Correct | 1.00 |  |
| READ (xfile,\*,END=10) line |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 7**

What is the purpose of the following Python code?

fhand = open('mbox.txt')

x = 0

for line in fhand:

x = x + 1

print x

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Reverse the order of the lines in mbox.txt |  |  |  |
| Count the lines in the file 'mbox.txt' | Correct | 1.00 |  |
| Remove the leading and trailing spaces from each line in mbox.txt |  |  |  |
| Convert the lines in mbox.txt to upper case |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 8**

If you write a Python program to read a text file and you see extra blank lines in the output that are not present in the file input as shown below, what Python string function will likely solve the problem?

From: stephen.marquard@uct.ac.za

From: louis@media.berkeley.edu

From: zqian@umich.edu

From: rjlowe@iupui.edu

...

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| split() |  |  |  |
| ljust() |  |  |  |
| rstrip() | Correct | 1.00 |  |
| find() |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 9**

The following code sequence fails with a traceback when the user enters a file that does not exist. How would you avoid the traceback and make it so you could print out your own error message when a bad file name was entered?

fname = raw\_input('Enter the file name: ')

fhand = open(fname)

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| try / except | Correct | 1.00 |  |
| on error resume next |  |  |  |
| try / catch / finally |  |  |  |
| begin / rescue / end |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 10**

What does the following Python code do?

fhand = open('mbox-short.txt')

inp = fhand.read()

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Prompts the user for a file name |  |  |  |
| Reads the entire file into the variable **inp** as a string | Correct | 1.00 |  |
| Checks to see if the file exists and can be written |  |  |  |
| Turns the text in the file into a graphic image like a PNG or JPG |  |  |  |
| Total |  | 1.00 / 1.00 |  |

Bottom of Form