Feedback — Week 7 Quiz

Thank you. Your submission for this quiz was received.

You submitted this quiz on **Thu 13 Nov 2014 10:10 AM WET**. You got a score of **10.00** out of **10.00**.

Question 1

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

Your Answer		Score	Explanation
○ Central Processor			
○ Main Memory			
○ Machine Language			
◉ Secondary memory	✔	1.00	
Total		1.00 / 1.00	

Question 2

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

Your Answer		Score	Explanation
○ The handle contains the first 10 lines of a file			
◉ The handle is a connection to the file's data	✔	1.00	
○ The handle has a list of all of the files in a particular folder on the hard drive			
○ 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?

Your Answer	Score	Explanation
⦿ Whether we want to read data from the file or write data to the file	✔ 1.00	
◯ What disk drive the file is stored on		
◯ The list of folders to be searched to find the file we want to open		
◯ How large we expect the file to be		
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
◯ alert()		
◯ gets()		
◯ read()		
⦿ raw_input()	✔ 1.00	
Total	1.00 / 1.00	

Question 5

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

Your Answer	Score	Explanation
⦿ It indicates the end of one line of text and the beginning of another line of text	✔ 1.00	
◯ It enables random movement throughout the file		
◯ 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
◯ READ (xfile,*,END=10) line		
⦿ for line in xfile:	✔ 1.00	
◯ while ((line = xfile.readLine()) != null) {		
◯ while line = xfile.gets		
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
⚪ Remove the leading and trailing spaces from each line in mbox.txt		
⚪ Convert the lines in mbox.txt to lower case		
⚪ Convert the lines in mbox.txt to upper case		
⦿ Count the lines in the file 'mbox.txt'	✔ 1.00	
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
⦿ rstrip()	✔ 1.00	
⚪ ljust()		
⚪ find()		
⚪ trim()		

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 / catch / finally			
◯ setjmp '/ longjmp			
◉ try / except	✔	1.00	
◯ 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			
◯ Checks to see if the file exists and can be written			
◉ Reads the entire file into the variable **inp** as a string	✔	1.00	
◯ Turns the text in the file into a graphic image like a PNG or JPG			
Total		1.00 /	

1.00