Feedback — Week 7 Quiz (Due 21-July)

You submitted this quiz on **Fri 10 Jul 2015 11:05 AM CEST**. 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
⦿ Secondary memory	✔	1.00	
◯ Machine Language			
◯ Motherboard			
◯ Central Processor			
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 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		
◯ The handle contains the first 10 lines of a file		
⦿ The handle is a connection to the file's data	✔ 1.00	

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	
○ How large we expect the file to be			
○ The list of folders to be searched to find the file we want to open			
○ What disk drive the file is stored on			
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()			
○ cin			
● raw_input()	✔	1.00	
○ read()			
Total		1.00 / 1.00	

Question 5

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

Your Answer	Score	Explanation
○ It adds a new network connection to retrieve files from the network		
◉ It indicates the end of one line of text and the beginning of another line of text	✔ 1.00	
○ It allows us to open more than one files and read them in a synchronized manner		
○ It enables random movement throughout the file		
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 (<xfile>) {		
◉ for line in xfile:	✔ 1.00	
○		

READ xfile INTO LINE

○

READ (xfile,*,END=10) line

Total   1.00 / 1.00

Question 7

What is the purpose of the following Python code?

```python
fhand = open('mbox.txt')
x = 0
for line in fhand:
        x = x + 1
print x
```

Your Answer		Score	Explanation
⊙ Count the lines in the file 'mbox.txt'		✔ 1.00	
○ Reverse the order of the lines in mbox.txt			
○ 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
○ trim()		
⊙ rstrip()	✔ 1.00	
○ startswith()		
○ 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	✔ 1.00	
○ try / catch / finally		
○ setjmp '/ longjmp		
○ signal handlers		

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
○ Checks to see if the file exists and can be written		
○ Prompts the user for a file name		
○ Turns the text in the file into a graphic image like a PNG or JPG		
◉ Reads the entire file into the variable **inp** as a string	✔ 1.00	
Total	1.00 / 1.00	