**Feedback — Quiz Week 8**

You submitted this quiz on **Fri 21 Nov 2014 6:55 AM PST**. You got a score of **10.00** out of **10.00**.

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**Question 1**

How are "collection" variables different from normal variables?

|  |  |  |  |
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| **Your Answer** |  | **Score** | **Explanation** |
| Collection variables can only store a single value |  |  |  |
| Collection variables merge streams of output into a single stream |  |  |  |
| Collection variables can store multiple values in a single variable | Correct | 1.00 |  |
| Collection variables pull multiple network documents together |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 2**

What are the Python keywords used to construct a loop to iterate through a list?

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| **Your Answer** |  | **Score** | **Explanation** |
| try / except |  |  |  |
| def / return |  |  |  |
| foreach / in |  |  |  |
| for / in | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 3**

For the following list, how would you print out 'Sally'?

friends = [ 'Joseph', 'Glenn', 'Sally' ]

|  |  |  |  |
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| **Your Answer** |  | **Score** | **Explanation** |
| print friends[2] | Correct | 1.00 |  |
| print friends['Sally'] |  |  |  |
| print friends[2:1] |  |  |  |
| print friends[3] |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 4**

What would the following Python code print out?

fruit = 'Banana'

fruit[0] = 'b'

print fruit

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| b |  |  |  |
| B |  |  |  |
| Banana |  |  |  |
| Nothing would print - the program fails with a traceback | Correct | 1.00 |  |
| [0] |  |  |  |
| banana |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 5**

Which of the following Python statements would print out the length of a list stored in the variable **data**?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| print length(data) |  |  |  |
| print strlen(data) |  |  |  |
| print data.length |  |  |  |
| print data.length() |  |  |  |
| print data.Len |  |  |  |
| print len(data) | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 6**

What type of data is produced when you call the **range()** function?

x = range(5)

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| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| A string |  |  |  |
| A boolean (true/false) value |  |  |  |
| A list of words |  |  |  |
| A list of characters |  |  |  |
| A list of integers | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 7**

What does the following Python code print out?

a = [1, 2, 3]

b = [4, 5, 6]

c = a + b

print len(c)

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| 6 | Correct | 1.00 |  |
| 15 |  |  |  |
| [1, 2, 3] |  |  |  |
| [4, 5, 6] |  |  |  |
| [1, 2, 3, 4, 5, 6] |  |  |  |
| 21 |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 8**

Which of the following slicing operations will produce the list [12, 3]?

t = [9, 41, 12, 3, 74, 15]

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| **Your Answer** |  | **Score** | **Explanation** |
| t[12:3] |  |  |  |
| t[2:2] |  |  |  |
| t[1:3] |  |  |  |
| t[2:4] | Correct | 1.00 |  |
| t[:] |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 9**

What list method adds a new item to the end of an existing list?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| forward() |  |  |  |
| pop() |  |  |  |
| append() | Correct | 1.00 |  |
| add() |  |  |  |
| push() |  |  |  |
| index() |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 10**

What will the following Python code print out?

friends = [ 'Joseph', 'Glenn', 'Sally' ]

friends.sort()

print friends[0]

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Joseph |  |  |  |
| friends |  |  |  |
| Sally |  |  |  |
| Glenn | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

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