Week 6 : Quiz

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| Question 1 |
|  | Which Python keyword indicates the start of a function definition? |
|  | help |
|  | rad |
|  | break |
|  | def |
|  |  |
|  | **Answer: def** |
|  |  |
|  | Question 2 |
|  | In Python, how do you indicate the end of the block of code that makes up the function? |
|  | You put a # character at the end of the last line of the function |
|  | You de-indent a line of code to the same indent level as the def keyword |
|  | You add a line that has at least 10 dashes |
|  | You put the colon character (:) in the first column of a line |
|  |  |
|  | Answer: You de-indent a line of code to the same indent level as the def keyword |
|  |  |
|  | Question 3 |
|  | In Python what is the raw\_input() feature best described as? |
|  | A conditional statement |
|  | A data structure that can hold multiple values using strings as keys |
|  | A built-in function |
|  | A reserved word |
|  |  |
|  | **Answer:A built-in function** |
|  |  |
|  | What does the following code print out? |
|  | def thing(): |
|  | print 'Hello' |
|  |  |
|  | print 'There' |
|  | thing |
|  | Hello |
|  | There |
|  | There |
|  | Hello |
|  | def |
|  | thing |
|  |  |
|  | **Answer: There** |
|  |  |
|  | Question 5 |
|  | In the following Python code, which of the following is an "argument" to a function? |
|  | x = 'banana' |
|  | y = max(x) |
|  | print y |
|  | print x |
|  | y |
|  | x |
|  | print |
|  | max |
|  |  |
|  |  |
|  | **Answer: x** |
|  |  |
|  |  |
|  | What will the following Python code print out? |
|  | def func(x) : |
|  | print x |
|  |  |
|  | func(10) |
|  | func(20) |
|  | 10 |
|  | 20 |
|  | x |
|  | 10 |
|  | x |
|  | 20 |
|  | x |
|  | x |
|  | func |
|  | func |
|  |  |
|  | **Answer: 10 20** |
|  |  |
|  | Question 7 |
|  | Which line of the following Python program is useless? |
|  | def stuff(): |
|  | print 'Hello' |
|  | return |
|  | print 'World' |
|  |  |
|  | stuff() |
|  | print 'Hello' |
|  | def stuff(): |
|  | stuff() |
|  | print 'World' |
|  | return |
|  |  |
|  | **Answer: print "World"** |
|  |  |
|  |  |
|  | Question 8 |
|  | What will the following Python program print out? |
|  | def greet(lang): |
|  | if lang == 'es': |
|  | return 'Hola' |
|  | elif lang == 'fr': |
|  | return 'Bonjour' |
|  | else: |
|  | return 'Hello' |
|  |  |
|  | print greet('fr'),'Michael' |
|  | Bonjour Michael |
|  | Hello Michael |
|  | def Michael |
|  | Hola |
|  | Bonjour |
|  | Hello |
|  | Michael |
|  |  |
|  | **Answer: Bonjour Michaels** |
|  |  |
|  |  |
|  | Question 9 |
|  | What does the following Python code print out? (Note that this is a bit of a trick question and the code has what many would consider to be a flaw/bug - so read carefully). |
|  | def addtwo(a, b): |
|  | added = a + b |
|  | return a |
|  |  |
|  | x = addtwo(2, 7) |
|  | print x |
|  | addtwo |
|  | 2 |
|  | 9 |
|  | Traceback |
|  |  |
|  | **Answer: 2** |
|  |  |
|  | Question 10 |
|  | What is the most important benefit of writing your own functions? |
|  | To avoid having more than 10 lines of sequential code without an indent or de-indent |
|  | Following the rule that whenever a program is more than 10 lines you must use a function |
|  | Following the rule that no function can have more than 10 statements in it |
|  | Avoiding writing the same non-trivial code more than once in your program |
|  |  |
|  | **Answer: Avoiding writing the same non-trivial code more than once in your program** |