Feedback — Quiz 0

Help Center

Authentication is not required for this quiz.

You submitted this quiz on Mon 11 Jan 2016 2:30 PM PST. You got a score of 100.00 out of 100.00.

Question 1

Which of the following are syntactically correct strings?

Try each of them in CodeSkulptor.

Your Answer	Score	Explanation
[Hello]	✓ 1.25	This is not a string. A string must use quotation marks.
✓ 'This course is great!'	✓ 2.50	This is a string. You can use single-quotes.
✓ "This course is great!"	✓ 2.50	This is a string. You can use double-quotes.
'She shouted "Hello!" very loudly.'	✓ 2.50	This is a string. A double-quote can appear inside single-quotes.
Hello	✓ 1.25	This is not a string. A string must have quotation marks.
Total	10.00 / 10.00	

Question 2

To display a value in the console, what Python keyword do you use?

You entered:

print

Your Answer		Score	Explanation
print	~	10.00	Correct.
Total		10.00 / 10.00	

Question 3

In the following code, the one line starting with # is highlighted in red. What does this line mean to Python?

tax_rate = 0.15 income = 40000 deduction = 10000

Calculate income taxes

tax = (income - deduction) * tax_rate

print tax

Your Answer

Score Explanation

The text is stored in a special variable called #.

This is a comment aimed at the human reader. Python ignores such comments.

This text is printed on the console.

This is a syntax error.

This text is used as a file name for the code.

10.00 / 10.00

Question 4

Total

Which of the following arithmetic expressions are syntactically correct?

Try each of them in CodeSkulptor.

Your Answer		Score	Explanation
№ 8/-2	~	2.00	This example has correct syntax. You can put a negative sign in front of a number like this.
5 * 3 (7 - 2)	~	2.00	This example has incorrect syntax. This is missing an operator between 3 and (7-2).
3 * ((2 - 9) + 4)) * (2 + (1 - 3))	~	2.00	This example has incorrect syntax. This has an extra closing parenthesis.
✓ 5-1-3-7-0	~	2.00	This example has correct syntax.
✓ (7 - 2) / (3 ** 2)	~	2.00	This example has correct syntax.
Total		10.00 / 10.00	

Question 5

You would like to make it so that the variable ounces has the value 16, thus representing one pound. What simple Python statement will accomplish this?

Your Answer		Score	Explanation
ounces := 16	~	1.00	Invalid syntax
ounces = 16	~	8.00	
16 = ounces	~	1.00	Invalid syntax.
Total		10.00 / 10.00	

Question 6

A gram is equal to 0.035274 ounces. Assume that the variable mass_in_ounces has a value representing a given mass in ounces. Which Python statement below uses the variable mass_in_ounces to compute an equivalent mass mass_in_grams expressed in grams?

Think about it mathematically, but also test these expressions in CodeSkulptor. If you are still confused, you might check out the student tutorial video by Kelly on unit

Your Answer Score Explanation

| mass_in_ounces = 0.035274 * mass_in_grams |
| mass_in_grams = 0.035274 / mass_in_ounces |
| mass_in_grams = mass_in_ounces * 0.035274 |
| mass_in_grams = mass_in_ounces / 0.035274 |
| mass_in_grams = mass_in_ounces / 0.035274 |
| v 10.00 Correct.

Total 10.00 / 10.00 |
| Question Explanation |
| Remember that one ounce weighs much more than one gram as you consider possible |

Question 7

answers.

Which of the following can be used as a variable name?

Try using each in CodeSkulptor.

Your Answer	Score	Explanation
✓ ounces	2.00	This is a valid variable name.
16ounces	1.00	No, this is not a valid variable name. A variable name cannot begin with digits.
number_	2.00	This is a valid variable name. However, convention says that Python variable names starting and ending with underscores only in special circumstances.
number123	2.00	This is a valid variable name.
my- number	1.00	No, this is not a valid variable name. You cannot use a dash in a variable name. The dash is interpreted as a minus sign.
✓ M Ynumber	2.00	This is a valid variable name. However, convention says that Python variables shouldn't start with a capital letter.
Total	10.00	

10.00

Question 8

Assume you have values in the variables x and y. Which statement(s) would result in x having the sum of the current values of x and y?

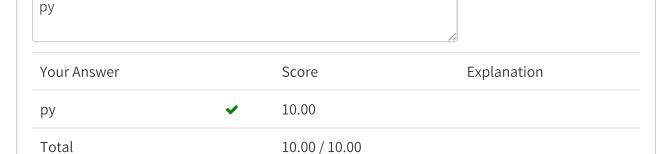
Test your answer in CodeSkulptor.

Your Answer		Score	Explanation
x = y + x	~	4.00	
x += x + y	~	1.00	
y += x	~	1.00	
⋞ x += y	~	4.00	
Total		10.00 / 10.00	

Question 9

Python file names traditionally end in what characters after a period? Don't include the period.

You entered:



Ve encourage you to save your CodeSkulptor Python files	where?	
Your Answer	Score	Explanation
On your computer only		
○ Nowhere — CodeSkulptor automatically saves your files for you		
O In "the cloud" only		
In "the cloud" and on your computer	✓ 10.00	Correct.
Total	10.00 /	