Quiz 0

10 questions

1
point

1.

Which of the following are syntactically correct strings?

Try each of them in CodeSkulptor.

☐   `"Hello, world."`

☐   `[Hello]`

☐   `"'ello"`

☐   `"This course is great!"`

☐   `"Goodbye'`

1
point

2.

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

Enter answer here

1
point

3.

In the following code, there is one line starting with #. 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
```

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

○ This is a syntax error.

○ This text is printed on the console.

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

1
point

4.

Which of the following arithmetic expressions are syntactically correct?

Try each of them in CodeSkulptor.

☐ 3 * ((2 - 9) + 4)) * (2 + (1 - 3))

☐ 5 - 1 - 3 - 7 - 0

☐ (8 + (1 + (2 * 4) - 3))

☐ (7 - 2) / (3 ** 2)

☐ 5 * 3 (7 - 2)

1

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?

☐ `ounces = 16`

☐ `ounces == 16`

☐ `ounces := 16`

☐ `16 = ounces`

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 conversions in the "Concepts and Examples" page.

○ `mass_in_grams = mass_in_ounces / 0.035274`

○ `mass_in_grams = 0.035274 / mass_in_ounces`

○ `mass_in_grams = mass_in_ounces * 0.035274`

○ `mass_in_ounces = 0.035274 * mass_in_grams`

7.

7.

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

Try using each in CodeSkulptor.

☐   `MYnumber`

☐   `ounce(s)`

☐   `my-number`

☐   `ounces`

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.

☐   `y += x`

☐   `x += y`

☐   `x = x + y`

☐   `x += y + x`

9.

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

Enter answer here

10.

We encourage you to save your CodeSkulptor Python files where?

○ In "the cloud" and on your computer

○ Nowhere — CodeSkulptor automatically saves your files for you

○ On your computer only

○ In "the cloud" only

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5 questions unanswered

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