

1. Which of the following are syntactically correct strings?

0 / 1 балл

Try each of them in [CodeSkulptor](#).

☐ 'She shouted "Hello!" very loudly.'

☐ Hello

☒ "This course is great!"



Правильно

This is a string. You can use double-quotes.

☐ [Hello]

☐ 'Hello, world.'

Вы выбрали не все правильные ответы

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

1 / 1 балл

print



Правильно

Correct.

3. In the following code, there is one line starting with #. What does this line mean to Python?

1 / 1 балл

```
1 tax_rate = 0.15
2 income = 40000
3 deduction = 10000
4
5 # Calculate income taxes
6 tax = (income - deduction) * tax_rate
7 print tax
```

- ☐ This is a syntax error.
- ☐ This text is printed on the console.
- ☐ This text is used as a file name for the code.
- ☒ This is a comment aimed at the human reader. Python ignores such comments.



Правильно

4. Which of the following arithmetic expressions are syntactically correct?

1 / 1 балл

Try each of them in [CodeSkulptor](#).

☐ `5 * 3 (7 - 2)`

☒ `(8 + (1 + (2 * 4) - 3))`

☒ Правильно

This example has correct syntax.

☒ `(7 - 2) / (3 ** 2)`

☒ Правильно

This example has correct syntax.

☒ `5 - 1 - 3 - 7 - 0`

☒ Правильно

This example has correct syntax.

☐ `3 * ((2 - 9) + 4) * (2 + (1 - 3))`

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?

1 / 1 балл

☐ `ounces == 16`

☐ `ounces := 16`

☒ `ounces = 16`

☒ Правильно

☐ `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?

1 / 1 балл

Think about it mathematically, but also test these expressions in CodeSkulptor3. If you are still confused, you might check out this [student tutorial video](#) by Kelly on unit conversions.

- ☐ `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`

✓ Правильно  
Correct.

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

0 / 1 балл

Try using each in [CodeSkulptor](#).

- ☐ `ounce(s)`
- ☒ `MYnumber`

✓ Правильно

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`?

1 / 1 балл

Test your answer in [CodeSkulptor](#).

- ☐ `x += y + x`
- ☒ `x += y`

✓ Правильно

- ☒ `x = y + x`

✓ Правильно

- ☐ `x += x + y`

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

0 / 1 балл

.py

✗ **Неправильно**

Don't include the period.

10. We encourage you to save your CodeSkulptor Python files where?

1 / 1 балл

- ☐ In "the cloud" only
- ☐ Nowhere — CodeSkulptor automatically saves your files for you
- ☐ On your computer only
- ☒ In "the cloud" and on your computer

✓ **Правильно**

Correct.