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FORPC101-10C

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Lesson 3: Quiz

Review of attempt 1

[Finish review]

Started on	Sunday, 8 February 2009, 12:01 PM
Completed on	Sunday, 8 February 2009, 12:05 PM
Time taken	3 mins 59 secs
Grade	**9** out of a maximum of 10 (**90**%)
Feedback	Well Done!

1

Marks: 1

In Ruby, **nil** is an actual object.

Answer: ⊙ True ✔

⃝ False ✗

You can call methods on **nil**, just like any other object. You can add methods to **nil**, just like any other object.

Correct
Marks for this submission: 1/1.

2

Marks: 1

Given the following string definition:

```
str = 'ruby course'
```

Which of the following snippets will convert the string to all uppercase (i.e. 'RUBY COURSE')?

Note: Multiple answers are allowed.

Choose at least one answer.

☑ A. str.upcase! ✔
☐ B. str.uppercase! ✗
☐ C. str.to_upper! ✗
☑ D. str.swapcase! ✔
☐ E. str.capitalize! ✗

str.upcase! makes all alphabetic characters uppercase
str.swapcase! makes all lowercase alphabetic characters into uppercase, which is them same as upcase! for the sample string
str.capitalize! will only make the first letter uppercase
All other options are not methods of the Ruby **String** class.

Correct
Marks for this submission: 1/1.

3

Marks: 1

Any method can be called with a block as an implicit argument.

Answer: ⦿ True ✔
           ◯ False ✗

Correct
Marks for this submission: 1/1.

4

Marks: 1

The following tests whether two strings are the same object.

Choose one answer.

◯ A. == ✗
◯ B. String.eql? ✗
⦿ C. String.equal? ✔

Correct
Marks for this submission: 1/1.

5

Marks: 1

What is the output of the following code:

```
foo = 'bar'
```

```
puts '1:#{foo}'
```

Choose one answer.

- ○ A. 1: bar ✗
- ○ B. No output. ✗
- ⦿ C. 1:#{foo} ✓

The expression #{} is evaluated in double quote strings and not in single quote strings.

Correct
Marks for this submission: 1/1.

6

Marks: 1

What is the output of this program?

```
def try
if block_given?
yield
else
puts "no block"
end
end
try do puts "hello" end
```

Choose one answer.

- ⦿ A. hello ✓
- ○ B. run-time error ✗
- ○ C. no block ✗

Correct
Marks for this submission: 1/1.

7

Marks: 1

Can you get several values from a Ruby method, in one statement?

Answer: ⦿ True ✓

              ○ False ✗

Ruby methods may return only the evaluation of their last expression which may include more than one value in the form of an enumerable (array, hash, etc).

Correct
Marks for this submission: 1/1.

8   In the following line of code:

Marks: 1   `var = 0`

var is:

Choose one   ◉ A. a local variable ✔
answer.
○ B. an instance variable ✗

○ C. a class variable ✗

○ D. a global variable ✗

○ E. none of the above ✗

non-prefixed variables are local variables.
@, @@, and $ identify
instance-, class-, global variables, respectively.

Correct
Marks for this submission: 1/1.

9   Is the following a valid Ruby program?

Marks: 1
```
=start
 # Hi there
=end
puts "Hello Ruby!"
```

Answer: ◉True ✗

○False ✔

Multi-line comments are noted by the form =begin and =end, not =start and =end

Incorrect
Marks for this submission: 0/1.

10   Both **false** and **nil** belong to the same class ie. **NilClass**

Marks: 1

Answer: ○True ✗

⊙False ✔

No, **false** belongs to the **FalseClass**

Correct
Marks for this submission: 1/1.

[Finish review]

You are logged in as Jason Noble (Logout)

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Sunday, February 08, 2009 12:05 hrs India Time