

CS - 132A - 831 - 73157 - Ruby Programming - Putnam - Fall 2015

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Quiz navigation	Start	ed on	Thursday, October 22, 2015, 3:38 PM		
		State	Finished		
1 2 3 4 5 6 7 8 9 10 11 12	Completed on		Thursday, October 22, 2015, 4:11 PM		
	Time taken				
12 14 15 14 17		Points	32.00/34.00		
13 14 15 16 17		Grade	<b>94.12</b> out of 100.00		
Finish review	Question 1  Correct  1.00 points out of 1.00  Flag question	ERB provides several tags for embedding Ruby code into text. Which of the choices below is not a valid ERB tag?  Select one:  a. <%= "This tag is used for printing" %>  b. "This tag is used to print global variables" c. <% "Non-printing statements go in this kind of tag" %>  d. <%# this is a comment tag %>  The correct answer is: "This tag is used to print global variables"			
	Question 2 Correct 1.00 points out of	Select			
	1.00  Flag question		http://www.apple.com		
	, 3,		http://www.ruby-doc.org/core/ http://www.ruby-doc.org/stdlib/		
		<b>○</b> a.	. http://www.ruby-doc.org/docs/ProgrammingRuby/		
		The c	orrect answer is: http://www.ruby-doc.org/stdlib/		
	3	\\ \( I \) = 1 = 1 =	weekland of the CCL class do you was be "accessed" HTML are after the second		
	Question 3 Correct 1.00 points out of	Select			
	1.00  Flag question		quote		
	rtag question	<ul><li>b.</li></ul>	. escape		
		○ c.	excape		
		• d.	escapeHTML 🗸		
		The c	orrect answer is: escapeHTML		
	Question <b>4</b> Correct	Which	of the following is NOT a Ruby Module?		
	1.00 points out of	Select	t one:		
	1.00 points out of	<u> </u>	Math		

 $hilde{\mathbb{V}}$  Flag question

- b. Enumerable
- c. String
- od. Kernel
- e. Comparable

The correct answer is: String

## Question 5

#### Correct

1.00 points out of 1.00

Flag question

Module Question: What would be the result of running the code below?

```
module Friendly
  def interact
    print "What's your name? "
    name = gets.chomp
    puts "Hello, #{name}"
  end
```

### interact

#### Select one:

end

- a. What's your name?
- b. What's your name? (then) Hello, (name entered).
- c. NameError: undefined local variable or method `interact' for main:Object 

   The module Friendly is defined, but it must be "included" in order for the 
   intereact method to be available in the main scope.
- d. Nothing
- e. Hello, (name entered)

The module Friendly is defined, but it must be "included" in order for the interact method to be available in the main scope.

The correct answer is: NameError: undefined local variable or method `interact' for main:Object

#### Question 6

## Correct

1.00 points out of

1.00

Flag question

#### A method is

### Select one:

- a. A collection of objects that form an algorithm.
- b. A set of code within a class and/or an object.
- o. A foreign key in a relational database.
- od. A protocol used by the Stanislawski School of Drama.
- o e. The container in which the ruby program is executed.

The correct answer is: A set of code within a class and/or an object.

# Question **7**

#### Correct

1.00 points out of

# I/O stands for

Select one:

	Quiz 3 - Midterm (due Oct 25)
Flag question	a. Interest/Options
	• b. Input/Output
	c. Ionic/Oncology
	○ d. Input/Only
	The correct answer is: Input/Output
Question 8	STDIN stands for
Correct	Select one:
1.00 points out of 1.00	a. A SHELL variable named &>.
Flag question	○ b. Simple Type DeflitioN, a Ruby process for standardizing input.
	• c. Standard Input, typically the keyboard.
	d. echo STDOUT &> \$stdin
	d. cale 515001 d. Qstain
	The correct answer is: Standard Input, typically the keyboard.
Question <b>9</b>	STDOUT stands for
Correct	Select one:
1.00 points out of 1.00	<ul> <li>a. Standard Output, typically the screen. ✓</li> </ul>
Flag question	b. Stoddard Oscilloscope, used in Ruby meta programming.
	c. STDIN, Standard Input.
	d. Port 80, the web server port.
	d. Fore 60, the Web server port.
	The correct answer is: Standard Output, typically the screen.
Question 10	An I/O stream is a channel along which
Correct	Select one:
1.00 points out of 1.00	a. Current flows through the motherboard.
Flag question	<ul><li>○ b. Analog images are transmitted.</li></ul>
	<ul><li>o c. Data can sent and/or received. ✓</li></ul>
	d. Is 128 bits wide in most computers.
	O
	The correct answer is: Data can sent and/or received.
Question 11	A ruby Class is
Correct	Select one:
1.00 points out of 1.00	<ul> <li>a. A gathering of like-minded people learning ruby programming.</li> </ul>
$ hilde{V}$ Flag question	<ul> <li>b. A definition of a concept in Ruby, an object-oriented programming language.</li> </ul>
	<b>✓</b>
	c. A categorical division of one's social status.
	od. Another way to train retail clerks to sell jewelry more efficiently.
	e. Used in ruby programming to emulate procedural programming.

The correct answer is: A definition of a concept in Ruby, an object-oriented programming language.

#### Question 12

Correct

1.00 points out of 1.00

Flag question

An object is

Select one:

- a. Something palpable; this, something detectable by the five senses.
- b. The opposite a "subject".
- c. A single instance of a Class.
- od. Ruby does not have have objects.
- e. A module.

The correct answer is: A single instance of a Class.

#### Question 13

Partially correct 2.00 points out of 4.00

Flag question

A script running out of control can be a serious problem for the server, and for all of the other users who depend on the resources the server provides. If your script is running out of control on Hills, which step below to you take to stop the script.

Select one or more:

- a. Log in to your Hills Unix account
- ✓ b. Use the "top" command to determine the process id of the runaway script. ✓
- ✓ c. Kill the process with the "kill -9 process id>" command. ✓
- d. Remove your script from the web directory so that users cannot access it while you are debugging it.

The correct answer is: Log in to your Hills Unix account, Use the "top" command to determine the process id of the runaway script., Kill the process with the "kill -9 cprocess id>" command., Remove your script from the web directory so that users cannot access it while you are debugging it.

# Question 14

Correct

3.00 points out of 3.00

 $hilde{\mathbb{V}}$  Flag question

Every ruby method has a return value. What is the return value of the function below when the function is used with the paramater of "abc"?

```
def myprint(txt)
    print(txt)
```

end

myprint('abc')

Select one:

- a. "abc"
- o b. abc
- c. ['abc']
- d. nil ✓ Incorrect. The return value of the method is "nil".
- e. "nil"

The correct answer is "nil" because the return value of a method is the result of the last statement, which is print(). The return value of print() is always 'nil'. The printed output "abc" is *not* the return value of the myprint() method.

The correct answer is: nil

### Question 15

Correct

3.00 points out of

Flag question

What is the value of @color after the function below runs?

@color = '#f00000'

def new\_color(new\_color)
 @color = new\_color

end

new\_color('#00000f')
puts @color

#### Select one:

- a. #00000f
- b. #f00000
- o. nil

The correct answer is: #00000f

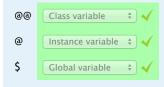
# Question 16

Correct

5.00 points out of 5.00

Flag question

Match the symbols on the left with the types on the right. Some of the symbols are not valid Ruby symbols.



The correct answer is: @@ - Class variable, @ - Instance variable,  $\$  - Global variable

### Question 17

Correct

7.00 points out of 7.00

 $hilde{\mathbb{V}}$  Flag question

Match the jargon on the left with the label on the right.

a collection of methods and data that are used as a blueprint to create multiple objects relating to that class.

A variable that can only be accessed and used from the current scope.

A variable that can be accessed and used within the scope of a class and all of its child objects.

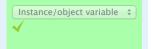
A module that can contribute its methods to a class to extend that class's functionality.

The concept of methods being able to deal with different classes of data and offering a more generic implementation (as with the area and perimeter methods offered by your Square and Triangle classes).

The concept of allowing methods to have differing degrees of visibility outside of their class or associated object.

Class	<b>\$</b>
<b>Y</b>	
Local variable	<b>\$</b>
$\checkmark$	
Class variable	<b>A</b>
<b>V</b>	
Mix-in	<b>\$</b>
<b>V</b>	
Polymorphism	<b>A</b>
Encapsulation	A V
1	

A variable that can be accessed and used from the scope of a single object. An object's methods can all access that object's object variables.



The correct answer is: a collection of methods and data that are used as a blueprint to create multiple objects relating to that class. - Class, A variable that can only be accessed and used from the current scope. - Local variable, A variable that can be accessed and used within the scope of a class and all of its child objects. - Class variable, A module that can contribute its methods to a class to extend that class's functionality. - Mix-in, The concept of methods being able to deal with different classes of data and offering a more generic implementation (as with the area and perimeter methods offered by your Square and Triangle classes). - Polymorphism, The concept of allowing methods to have differing degrees of visibility outside of their class or associated object. - Encapsulation, A variable that can be accessed and used from the scope of a single object. An object's methods can all access that object's object variables. - Instance/object variable

Finish review

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