Feedback - Week 4 Quiz

Help

You submitted this quiz on **Mon 21 Oct 2013 3:57 PM PDT (UTC -0700)**. You got a score of **9.00** out of **10.00**. You can attempt again, if you'd like.

Question 1

What is the difference between the colorRamp() and the colorRampPalette() functions?

	Score	Explanation
~	1.00	
	1.00 /	
	•	✓ 1.00

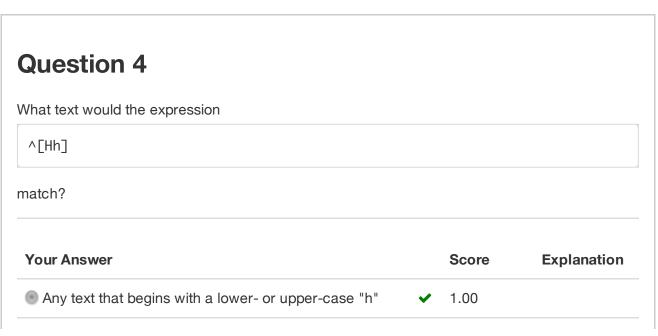
Question 2

What function can be used to convert a color specified using decimal values of red, green, and blue into a character string using hexadecimal values?

Your Answer		Score	Explanation
gp()	~	1.00	

colors()		
topo.colors()		
colorRamp()		
Total	1.00 / 1.00	

Question 3 Which string would match the following literal expression powder Score Explanation Powder" is a movie from 1995 The chocolate tastes better in powdEr form load the gunpowder ✓ 1.00 I believe his twitter name is "Powder" Total 1.00 / 1.00



Any text that ends with a lower- or upper-case "h"	
Any text that begins with an upper-case "h"	
Any text with a lower- or upper-case "h" in it	
Total	1.00 / 1.00

Question 5

Which of the following lines of text match the following expression?

$$([a-z]+) + 1 + [a-z]+ [0-9]$$

Your Answer		Score	Explanation
night night at 8	~	1.00	
going up and up and up			
heading, heading by 9			
bye bye from up high			
Total		1.00 / 1.00	

Question 6

What does the 'grep()' function do when called with its default arguments?

Your Answer		Score	Explanation
en returns the indices for strings in a character vector that	~	1.00	
match a given regular expression			
returns the strings in a character vector that match a given regular expression			
returns an integer vector containing the length of the match			

for each string in a character vector

returns a logical vector indicating which strings in a character vector match a given regular expression

Total

1.00 /
1.00

Question 7

Consider the following regular expression

^s(.*?)r

and the string

she likes rum raisin after running hard

How many characters long is the regular expression match in this string?

Your Answer		Score	Explanation
1 1			
none; the regular expression doesn't match	×	0.00	
1 5			
■ 38			
Total		0.00 / 1.00	

Question 8

In the R system of classes and methods, what is a generic function?

Your Answer		Score	Explanation
a function that identifies the class of its input and calls an	~	1.00	

appropriate method on the input	
any function that operates on a non-a	tomic object
a function that operates on an object	that has no class
a function that operates on a specific	class of object
Total	1.00 /
	1.00

Question 9

What function is used to obtain the function body for an S4 method function?

Your Answer		Score	Explanation
getMethod()	~	1.00	
getS3method()			
getClass()			
showMethods()			
otal		1.00 / 1.00	

Question 10

What does the 'setOldClass()' function do?

Your Answer		Score	Explanation
registers an S3 class as a formally defined class so that objects of this class can be used with S4 generic functions	~	1.00	
removes an S3 class so that only S3 generic functions may be called on objects of that class			
registers an S4 class so that S3 generic functions may be			

it is the function that dispatches methods on S3 class objects		
objects		
Total	1.00 /	
	1.00	