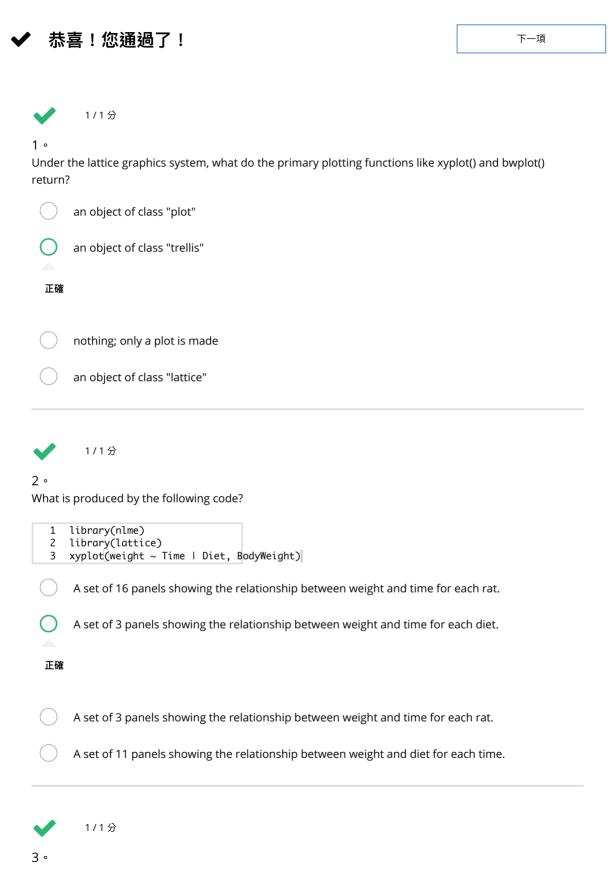


10/10 分 (100%)



$\overline{}$	
•	

Annotation of plots in any plotting system involves adding points, lines, or text to the plot, in addition to Week 金包柱 axis labels or adding titles. Different plotting systems have different sets of functions 10/10 分 (100%) ^{制驗, 10} 個問題tating plots in this way.

Which	of the following functions can be used to annotate the panels in a multi-panel lattice plot?					
lines()						
	points()					
panel.lmline()						
正確						
	axis()					
~	1/1分					
4。 The fol	llowing code does NOT result in a plot appearing on the screen device.					
2	<pre>library(lattice) library(datasets) data(airquality) p <- xyplot(Ozone ~ Wind factor(Month), data = airquality)</pre>					
Which	of the following is an explanation for why no plot appears?					
	There is a syntax error in the call to xyplot().					
The variables being plotted are not found in that dataset.						
	The xyplot() function, by default, sends plots to the PDF device.					
0	The object 'p' has not yet been printed with the appropriate print method.					
正確						
~	1/1分					
5。 In the l lattice	lattice system, which of the following functions can be used to finely control the appearance of all plots?					
0	trellis.par.set()					
正確						
	splom()					
	print.trellis()					



10/10 分 (100%)

~	1/1分						
6。 What is	s ggplot2 an implementation of?						
	the base plotting system in R						
	a 3D visualization system						
0	the Grammar of Graphics developed by Leland Wilkinson						
正確							
	the S language originally developed by Bell Labs						
7 ° Load th	1/1分 ne `airquality' dataset form the datasets package in R						
	terested in examining how the relationship between ozone and wind speed varies across each . What would be the appropriate code to visualize that using ggplot2?						
	1 qplot(Wind, Ozone, data = airquality, geom = "smooth")						
	1 qplot(Wind, Ozone, data = airquality)						
0	<pre>1 airquality = transform(airquality, Month = factor(Month)) 2 qplot(Wind, Ozone, data = airquality, facets = . ~ Month)</pre>						
正確							
	1 qplot(Wind, Ozone, data = airquality, facets = . ~ factor(Month))						

/

1/1分

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What is a ${\bf geom}$ in the <code>ggplot2</code> system?



.017-6-1 (Week 2 (測驗, 10 個問題 正解	10/10) 分
		a method for mapping data to attributes like color and size	
		a statistical transformation	
		a method for making conditioning plots	
	~	1/1分	
	9。 Wher	I run the following code I get an error:	
	1 2 3 4	<pre>library(ggplot2) library(ggplot2movies) g <- ggplot(movies, aes(votes, rating)) print(g)</pre>	
	l was	expecting a scatterplot of 'votes' and 'rating' to appear. What's the problem?	
		There is a syntax error in the call to ggplot.	
		The object 'g' does not have a print method.	
		The dataset is too large and hence cannot be plotted to the screen.	
	0	ggplot does not yet know what type of layer to add to the plot.	
	正研		
	~	1/1分	
	10。 The fo	ollowing code creates a scatterplot of 'votes' and 'rating' from the movies dataset in the ggplot2	
		ge. After loading the ggplot2 package with the library() function, I can run	
	1	<pre>aplot(votes, rating, data = movies)</pre>	

How can I modify the the code above to add a smoother to the scatterplot?

(100%)