



## Quiz 3

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**4/4** points  
earned (100%)

Quiz passed!



1 / 1  
points

1.

Which of the following items is required for an R package to pass R CMD check without any warnings or errors?



unit tests



**Correct Response**



vignette



**Correct Response**



example data sets



**Correct Response**



An explicit software license



**Correct Response**

One way to answer this question is start with an existing R package and start removing things one by one.



a demo directory

**Correct Response**1 / 1  
points

2.

Which of the following is a generic function in a fresh installation of R, with only the default packages loaded?



colSums

**Correct Response**

mean

**Correct Response**

lm

**Correct Response**

dgamma

**Correct Response**

predict

**Correct Response**

show

**Correct Response**

1 / 1  
points

3.

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

- ☐ getS3method()
- ☐ showMethods()
- ☐ getClass()
- ☒ getMethod()

**Correct Response**

1 / 1  
points

4.

Please download the R package DDPQuiz3 from the course web site. Examine the **createmean** function implemented in the R/ sub-directory. What is the appropriate text to place above the **createmean** function for Roxygen2 to create a complete help file?



```
1 #' This function calculates the mean
2 #'
3 #' @param x is a numeric vector
4 #' @return the mean of x
5 #' @export
6 #' @examples
7 #' x <- 1:10
8 #' createmean(x)
```

**Correct Response**



```
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2 @param x is a numeric vector
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4 @export
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