



Quiz 3



3/4 points earned (75%)

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Review the material and try again! You have 3 attempts every 8 hours.

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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

☐

a demo directory



Correct Response

☐

example data sets



Correct Response

☐

DESCRIPTION file



Correct Response

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

☐

vignette



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? (Select all that apply)

☐

colSums



Correct Response

☐

predict



Correct Response

☐

show



Correct Response

☐

lm



Correct Response

☐

dgamma



Correct Response

☐

mean



Correct Response



1 / 1
points

3.

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

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

Correct Response

- ☐ getS3method()
-



0 / 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(y)
```



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Incorrect Response



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