

Quiz 3

4 questions

1
point

1.

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

- ☐ vignette
 - ☐ An explicit software license
 - ☐ a demo directory
 - ☐ example data sets
 - ☐ unit tests
-

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2.

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

- ☐ show
- ☐ colSums
- ☐ lm

- ☐ mean
 - ☐ dgamma
 - ☐ predict
-

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3.

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

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

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4.

Please download the R package DDPQuiz3

(https://d396qusza40orc.cloudfront.net/devdataproduct/DDPQuiz3_1.0.zip)

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?



```
#' This function calculates the mean
#'\n#'\n#' @return the mean of x\n#'\n#' @export\n#'\n#' @examples\n#'\n#' x <- 1:10\n#'\n#' createmean(x)
```



```
#' This function calculates the mean
#'  
#' @param x is a numeric vector  
#' @return the mean of x  
#' @export  
#' @examples  
#' x <- 1:10  
#' createmean(x)
```



```
#' This function calculates the mean
#'  
#' @param x is a numeric vector  
#' @return the mean of x  
#' @export  
#' @examples  
#' x <- 1:10  
#' createmean(y)
```



```
#' This function calculates the mean
#'  
#' @param x is a numeric vector  
#' @export  
#' @examples  
#' x <- 1:10  
#' createmean(x)
```

2 questions unanswered

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